

Pay Summary Specification: wns_hib_2008_new_pay_phie12_kswitch

Primary reference for reporting and sample control: TVDSS

Cutoff details:-

PHIE_HIB >= 0.12 V/V

VSH_HIB <= 0.4 V/V

Lumping details:-

Standalone Minimum Thickness: 0.1524 METRES

Include Minimum Thickness: 0.1524 METRES

Maximum Separation: 0.1524 METRES

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-08	L1_1800 FS	3450	3453.2	3476	3479.5	3.249	0.5	0.154	0.129	0.194	14.2	0.213	0.065	7.1
B-08	L1U_1800 SB	3453.2	3458	3479.5	3484	4.749	0	0	-	-	-	-	0	0
B-08	L1M_1700 FS	3458	3467	3484	3493	8.999	2	0.222	0.169	0.162	482	0.253	0.338	963.9
B-08	L1M_1300 SB	3467	3477.2	3493	3503.5	10.249	0	0	-	-	-	-	0	0
B-08	L1MB_1200 FS	3477.2	3487.2	3503.5	3513.5	9.999	0	0	-	-	-	-	0	0
B-08	L1L_1100 FS	3487.2	3492.5	3513.5	3518.5	5.249	0	0	-	-	-	-	0	0
B-08	L1LB_1000 FS	3492.5	3499.5	3518.5	3525.5	6.999	0	0	-	-	-	-	0	0
B-08	L2_2500 FS	3499.5	3520.5	3525.5	3546.5	20.997	12.998	0.619	0.162	0.074	460.5	0.168	2.101	5985.6
B-08	MS_2000 SB	3520.5	3525.2	3546.5	3551.5	4.749	0	0	-	-	-	-	0	0
B-08	L3_3600 FS	3525.2	3529	3551.5	3555	3.75	0	0	-	-	-	-	0	0
B-08	L3U_3500 FS	3529	3537.5	3555	3563.5	8.499	7.499	0.882	0.158	0.085	356.1	0.134	1.188	2670.3
B-08	L3U_3500 SB	3537.5	3541	3563.5	3567	3.5	0	0	-	-	-	-	0	0
B-08	L3UB_3300 FS	3541	3544	3567	3570	3	1	0.333	0.136	0.125	59.6	0.373	0.136	59.6
B-08	L3UB_3300 SB	3544	3554	3570	3580	9.999	0	0	-	-	-	-	0	0
B-08	L3M_3200 FS	3554	3572	3580	3598	17.998	17.248	0.958	0.176	0.039	892.8	0.047	3.036	15398.9
B-08	L3M_3200 SB	3572	3576	3598	3602	4	2.5	0.625	0.162	0.116	414.7	0.238	0.406	1036.6
B-08	L3L_3100 FS	3576	3586.7	3602	3613	10.749	10.749	1	0.192	0.033	1648.9	0.056	2.067	17724
B-08	L3L_3100 SB	3586.7	3597	3613	3623	10.249	0	0	-	-	-	-	0	0
B-08	L3LB_3000 FS	3597	3603	3623	3629	6	5	0.833	0.176	0.066	825.3	0.193	0.881	4126.4
B-08	L3BR_3000 SB	3603	3607	3629	3633	4	0	0	-	-	-	-	0	0
B-08	Well Totals	3450	3607	3476	3633	156.982	59.493	0.379	0.172	0.062	806.4	0.12	10.218	47972.4
B-08	B Pool	3492.5	3607	3518.5	3633	114.488	56.994	0.498	0.172	0.058	824.7	0.115	9.815	47001.4

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_1	L1_1800 FS	3617	3620	4321.5	4325.8	3.044	0	0	-	-	-	-	0	0
B-16_1	L1U_1800 SB	3620	3626.6	4325.7	4335	6.62	0	0	-	-	-	-	0	0
B-16_1	L1M_1700 FS	3626.6	3637.9	4335	4350.8	11.258	4.213	0.374	0.155	0.115	291	0.142	0.654	1225.9
B-16_1	L1M_1300 SB	3637.9	3641.3	4350.7	4355.5	3.395	0	0	-	-	-	-	0	0
B-16_1	L1MB_1200 FS	3641.3	3650.4	4355.5	4368.3	9.119	0	0	-	-	-	-	0	0
B-16_1	L1L_1100 FS	3650.4	3659.9	4368.2	4381.5	9.482	0	0	-	-	-	-	0	0
B-16_1	L1LB_1000 FS	3659.9	3669.6	4381.5	4395	9.662	0	0	-	-	-	-	0	0
B-16_1	L2_2500 FS	3669.6	3675.3	4395	4403	5.726	4.163	0.727	0.174	0.09	1410.2	0.09	0.722	5870.7
B-16_1	MS_2000 SB	3675.3	3685.7	4403	4417.5	10.403	0	0	-	-	-	-	0	0
B-16_1	L3_3600 FS	3685.7	3695.4	4417.5	4431	9.733	0	0	-	-	-	-	0	0
B-16_1	L3U_3500 FS	3695.4	3703.4	4431	4442	7.96	0	0	-	-	-	-	0	0
B-16_1	L3U_3500 SB	3703.4	3711.4	4442	4453	7.98	0	0	-	-	-	-	0	0
B-16_1	L3UB_3300 FS	3711.4	3719.7	4453	4464.5	8.363	4.268	0.51	0.149	0.073	159.2	0.16	0.637	679.4
B-16_1	L3UB_3300 SB	3719.7	3727.4	4464.5	4475	7.631	0.628	0.082	0.14	0.166	305.2	0.18	0.088	191.7
B-16_1	L3M_3200 FS	3727.4	3761.7	4475	4522.5	34.307	32.835	0.957	0.183	0.046	1994.5	0.068	5.997	65488.2
B-16_1	L3M_3200 SB	3761.7	3763.5	4522.5	4525	1.792	0	0	-	-	-	-	0	0
B-16_1	L3L_3100 FS	3763.5	3787.7	4525	4559	24.235	24.007	0.991	0.179	0.063	1380.9	0.074	4.291	33151.5
B-16_1	L3L_3100 SB	3787.7	3789.1	4559	4561	1.431	0	0	-	-	-	-	0	0
B-16_1	L3LB_3000 FS	3789.1	3791.6	4561	4564.5	2.508	2.116	0.844	0.163	0.16	2599.8	0.092	0.344	5501.4
B-16_1	L3BR_3000 SB	3791.6	3805	4564.5	4583	13.36	0	0	-	-	-	-	0	0
B-16_1	Well Totals	3617	3805	4321.5	4583	188.01	72.229	0.384	0.176	0.063	1552.1	0.083	12.733	112108.8
B-16_1	B Pool	3659.9	3805	4381.5	4583	145.092	68.016	0.469	0.178	0.061	1630.2	0.079	12.078	110883

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_10Z	L1_1800 FS	3492.5	3501.1	6837	6858.5	8.601	1.592	0.185	0.163	0.121	443.2	0.243	0.259	705.5
B-16_10Z	L1U_1800 SB	3501.1	3506.9	6858.5	6873	5.78	0.587	0.102	0.142	0.133	69.5	0.252	0.083	40.8
B-16_10Z	L1M_1700 FS	3506.9	3514.2	6873	6892	7.303	1.356	0.186	0.148	0.115	78.4	0.208	0.201	106.2
B-16_10Z	L1M_1300 SB	3514.2	3524.8	6892	6920.5	10.566	0	0	-	-	-	-	0	0
B-16_10Z	L1MB_1200 FS	3524.8	3532.1	6920.5	6940	7.344	0	0	-	-	-	-	0	0
B-16_10Z	L1L_1100 FS	3532.1	3540.2	6940	6961.5	8.054	0	0	-	-	-	-	0	0
B-16_10Z	L1LB_1000 FS	3540.2	3541.1	6961.5	6964	0.935	0	0	-	-	-	-	0	0
B-16_10Z	L1LB_1000 SB	3541.1	3543.3	6964	6970	2.244	0	0	-	-	-	-	0	0
B-16_10Z	L2_2500 FS	3543.3	3551	6970	6990.5	7.646	4.193	0.548	0.182	0.061	1729.9	0.121	0.763	7253.5
B-16_10Z	HIB GO	3551	3563.9	6990.5	7024.5	12.881	10.925	0.848	0.201	0.028	3197.9	0.037	2.194	34937.2
B-16_10Z	MS 2000 SB	3563.9	3578.1	7024.5	7059.5	14.256	0	0	-	-	-	-	0	0
B-16_10Z	L3_3600 FS	3578.1	3583	7059.5	7071	4.903	0	0	-	-	-	-	0	0
B-16_10Z	L3U_3500 FS	3583	3591.6	7071	7090.5	8.534	6.679	0.783	0.188	0.028	2476.3	0.055	1.254	16538.9
B-16_10Z	L3U_3500 SB	3591.6	3600.4	7090.5	7110	8.86	0.227	0.026	0.129	0.138	14	0.335	0.029	3.2
B-16_10Z	L3M_3200 FS	3600.4	3610.6	7110	7131.5	10.154	9.213	0.907	0.185	0.042	2116.5	0.069	1.702	19498
B-16_10Z	L3M_3200 SB	3610.6	3621.7	7131.5	7154.5	11.102	0	0	-	-	-	-	0	0
B-16_10Z	L3L_3100 FS	3621.7	3646.6	7154.5	7204.5	24.962	19.257	0.771	0.186	0.043	2502.6	0.081	3.577	47563.6
B-16_10Z	L3L_3100 SB	3646.6	3648.2	7204.5	7207.5	1.526	0	0	-	-	-	-	0	0
B-16_10Z	L3LB_3000 FS	3648.2	3658	7207.5	7226.5	9.831	9.7	0.987	0.177	0.055	1740.2	0.087	1.72	16880.2
B-16_10Z	L3BR_3000 SB	3658	3659.3	7226.5	7229	1.315	0	0	-	-	-	-	0	0
B-16_10Z	Well Totals	3492.5	3659.3	6837	7229	166.796	63.728	0.382	0.185	0.045	2261.1	0.082	11.783	143527.1
B-16_10Z	B Pool	3540.2	3659.3	6961.5	7229	106.267	49.269	0.464	0.184	0.045	2197.9	0.081	9.045	107737.4

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_11	L1_1800 FS	3832	3836	7857.5	7872	3.956	2.189	0.553	0.149	0.073	87.5	0.112	0.325	191.6
B-16_11	L1U_1800 SB	3836	3840.7	7872	7889	4.73	0	0	-	-	-	-	0	0
B-16_11	L1M_1700 FS	3840.7	3845.5	7889	7906	4.748	0	0	-	-	-	-	0	0
B-16_11	L1M_1300 SB	3845.5	3869.8	7906	8000	24.321	0	0	-	-	-	-	0	0
B-16_11	L1MB_1200 FS	3869.8	3878.7	8000	8036.5	8.954	0	0	-	-	-	-	0	0
B-16_11	L1L_1100 FS	3878.7	3887.9	8036.5	8075	9.199	3.58	0.389	0.139	0.1	198.5	0.181	0.496	710.7
B-16_11	L1L_1100 SB	3887.9	3893	8075	8096	5.106	0	0	-	-	-	-	0	0
B-16_11	L1LB_1000 FS	3893	3901.4	8096	8131	8.337	0	0	-	-	-	-	0	0
B-16_11	L1LB_1000 SB	3901.4	3914.9	8131	8186.5	13.52	0	0	-	-	-	-	0	0
B-16_11	L2_2500 FS	3914.9	3933.4	8186.5	8255	18.533	13.67	0.738	0.163	0.058	844.3	0.055	2.234	11541.2
B-16_11	MS_2000 SB	3933.4	3945.3	8255	8294.5	11.862	0	0	-	-	-	-	0	0
B-16_11	L3_3600 FS	3945.3	3956.4	8294.5	8331	11.156	0	0	-	-	-	-	0	0
B-16_11	L3U_3500 FS	3956.4	3964	8331	8356	7.516	6.377	0.848	0.148	0.424	459.4	0.039	0.944	2929.4
B-16_11	L3U_3500 SB	3964	3964.9	8356	8359	0.907	0.302	0.333	0.132	0.409	16.6	0.187	0.04	5
B-16_11	L3UB_3300 FS	3964.9	3974.9	8359	8392	10.018	7.683	0.767	0.152	0.498	561.2	0.047	1.169	4312.2
B-16_11	L3UB_3300 SB	3974.9	3983.1	8392	8419.5	8.257	0	0	-	-	-	-	0	0
B-16_11	L3M_3200 FS	3983.1	3990.7	8419.5	8444	7.596	0.153	0.02	0.14	0.206	34.7	0.224	0.021	5.3
B-16_11	L3M_3200 SB	3990.7	4000.8	8444	8476.5	10.051	0	0	-	-	-	-	0	0
B-16_11	L3L_3100 FS	4000.8	4005	8476.5	8490	4.187	1.551	0.37	0.127	0.131	36.4	0.129	0.197	56.5
B-16_11	L3L_3100 SB	4005	4011.2	8490	8510	6.204	0.155	0.025	0.126	0.123	64.8	0.074	0.02	10.1
B-16_11	Well Totals	3832	4011.2	7857.5	8510	179.156	35.661	0.199	0.153	0.227	554.2	0.072	5.446	19761.8
B-16_11	B Pool	3893	4011.2	8096	8510	118.143	29.892	0.253	0.155	0.251	630.9	0.055	4.625	18859.6

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_12	L1_1800 FS	3422.4	3424.7	5916	5919	2.318	0	0	-	-	-	-	0	0
B-16_12	L1U_1800 SB	3424.7	3427.4	5919	5922.5	2.704	0	0	-	-	-	-	0	0
B-16_12	L1M_1700 FS	3427.4	3440.9	5922.5	5940	13.51	7.72	0.571	0.147	0.134	98.4	0.198	1.134	759.8
B-16_12	L1M_1300 SB	3440.9	3449	5940	5950.5	8.108	0	0	-	-	-	-	0	0
B-16_12	L1MB_1200 FS	3449	3455	5950.5	5958.5	5.99	0	0	-	-	-	-	0	0
B-16_12	L1L_1100 FS	3455	3457.5	5958.5	5961.5	2.513	0.773	0.308	0.143	0.295	57.8	0.209	0.11	44.7
B-16_12	L1L_1100 SB	3457.5	3461.4	5961.5	5966.5	3.868	0	0	-	-	-	-	0	0
B-16_12	L1LB_1000 FS	3461.4	3465.3	5966.5	5971.5	3.872	0.387	0.1	0.142	0.292	34.5	0.21	0.055	13.4
B-16_12	L1LB_1000 SB	3465.3	3471.9	5971.5	5980	6.598	0.194	0.029	0.143	0.159	40.2	0.209	0.028	7.8
B-16_12	L2_2500 FS	3471.9	3482	5980	5993	10.127	9.542	0.942	0.201	0.052	5218.7	0.052	1.918	49795
B-16_12	MS_2000 SB	3482	3489.4	5993	6002.5	7.428	0	0	-	-	-	-	0	0
B-16_12	L3_3600 FS	3489.4	3494.7	6002.5	6009.5	5.292	0	0	-	-	-	-	0	0
B-16_12	L3U_3500 FS	3494.7	3498.5	6009.5	6014	3.731	0	0	-	-	-	-	0	0
B-16_12	L3U_3500 SB	3498.5	3508.3	6014	6026.5	9.846	0.394	0.04	0.151	0.231	68.4	0.186	0.06	27
B-16_12	L3UB_3300 FS	3508.3	3511.5	6026.5	6030.5	3.157	1.973	0.625	0.169	0.224	699.7	0.139	0.333	1380.4
B-16_12	L3UB_3300 SB	3511.5	3520.1	6030.5	6041.5	8.684	0.395	0.045	0.126	0.354	8.6	0.254	0.05	3.4
B-16_12	L3M_3200 FS	3520.1	3534.8	6041.5	6060	14.616	14.221	0.973	0.197	0.075	3706.3	0.063	2.798	52707.3
B-16_12	L3M_3200 SB	3534.8	3535	6060	6060.5	0.198	0	0	-	-	-	-	0	0
B-16_12	HIB GO	3535	3542.7	6060.5	6070	7.703	0	0	-	-	-	-	0	0
B-16_12	L3L_3100 FS	3542.7	3559.3	6070	6091	16.652	13.681	0.822	0.19	0.107	2351.4	0.082	2.596	32168.7
B-16_12	L3L_3100 SB	3559.3	3560.1	6091	6092	0.796	0.199	0.25	0.139	0.236	31.3	0.218	0.028	6.2
B-16_12	L3LB_3000 FS	3560.1	3572.1	6092	6107	11.984	11.785	0.983	0.201	0.089	3277.8	0.051	2.371	38627.3
B-16_12	L3BR_3000 SB	3572.1	3576.1	6107	6112	4.011	0.2	0.05	0.153	0.322	159.1	0.181	0.031	31.9
B-16_12	Well Totals	3422.4	3576.1	5916	6112	153.707	61.464	0.4	0.187	0.098	2856.5	0.089	11.512	175572.9
B-16_12	B Pool	3461.4	3576.1	5966.5	6112	106.992	52.971	0.495	0.194	0.092	3299.3	0.071	10.268	174768.4

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B-16_13	L1_1800 FS	3903.6	3907.9	6006	6010.5	4.293	0	0	-	-	-	-	0	0
B-16_13	L1U_1800 SB	3907.9	3921.2	6010.5	6025.5	13.311	0	0	-	-	-	-	0	0
B-16_13	L1M_1700 FS	3921.2	3925.2	6025.5	6030	4.051	0.9	0.222	0.138	0.188	3.5	0.187	0.124	3.1
B-16_13	L1M_1300 SB	3925.2	3930.8	6030	6036	5.616	0	0	-	-	-	-	0	0
B-16_13	L1MB_1200 FS	3930.8	3934.7	6036	6040.5	3.812	0	0	-	-	-	-	0	0
B-16_13	L1L_1100 FS	3934.7	3950.5	6040.5	6058	15.87	0	0	-	-	-	-	0	0
B-16_13	L1LB_1000 FS	3950.5	3956.1	6058	6064.5	5.575	0	0	-	-	-	-	0	0
B-16_13	L1LB_1000 SB	3956.1	3960.1	6064.5	6069	4.01	0	0	-	-	-	-	0	0
B-16_13	L2_2500 FS	3960.1	3976.4	6069	6087	16.242	13.349	0.822	0.159	0.073	770.6	0.082	2.122	10286.5
B-16_13	MS_2000 SB	3976.4	3983.9	6087	6095.5	7.573	0	0	-	-	-	-	0	0
B-16_13	L3_3600 FS	3983.9	3995.1	6095.5	6108	11.153	0	0	-	-	-	-	0	0
B-16_13	L3U_3500 FS	3995.1	4002.2	6108	6116	7.137	4.014	0.562	0.142	0.123	219.7	0.127	0.571	881.7
B-16_13	L3U_3500 SB	4002.2	4003.1	6116	6117	0.891	0	0	-	-	-	-	0	0
B-16_13	L3UB_3300 FS	4003.1	4006.7	6117	6121	3.561	2.226	0.625	0.164	0.065	308.1	0.066	0.365	685.7
B-16_13	L3UB_3300 SB	4006.7	4020	6121	6136	13.319	7.547	0.567	0.157	0.178	84	0.183	1.186	634.1
B-16_13	L3M_3200 FS	4020	4023.5	6136	6140	3.542	2.434	0.687	0.143	0.154	44.4	0.155	0.348	108.2
B-16_13	HIB OW	4023.5	4031	6140	6148.5	7.508	7.287	0.971	0.156	0.028	284.1	0.03	1.138	2070.4
B-16_13	L3M_3200 SB	4031	4047.5	6148.5	6167.5	16.477	12.301	0.747	0.147	0.065	142.1	0.066	1.813	1747.6
B-16_13	L3L_3100 FS	4047.5	4059.1	6167.5	6180.5	11.622	10.964	0.943	0.158	0.049	245.5	0.051	1.727	2692.1
B-16_13	L3L_3100 SB	4059.1	4060.5	6180.5	6182	1.316	0.219	0.167	0.135	0.393	0.9	0.393	0.03	0.2
B-16_13	L3LB_3000 FS	4060.5	4077.6	6182	6201.5	17.104	16.446	0.962	0.152	0.053	190.2	0.052	2.501	3127.7
B-16_13	L3BR_3000 SB	4077.6	4088.5	6201.5	6214	10.964	0	0	-	-	-	-	0	0
B-16_13	Well Totals	3903.6	4088.5	6006	6214	184.947	77.689	0.42	0.153	0.077	286.2	0.08	11.924	22237.2
B-16_13	B Pool	3950.5	4088.5	6058	6214	137.994	76.789	0.556	0.154	0.076	289.5	0.079	11.8	22234

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_14	L1_1800 FS	3801.8	3805.5	7565	7572	3.695	0	0	-	-	-	-	0	0
B-16_14	L1U_1800 SB	3805.5	3816.7	7572	7593	11.226	0	0	-	-	-	-	0	0
B-16_14	L1M_1700 FS	3816.7	3831.5	7593	7620	14.79	0.546	0.037	0.134	0.128	29	0.257	0.073	15.8
B-16_14	L1M_1300 SB	3831.5	3840.7	7620	7636	9.192	0	0	-	-	-	-	0	0
B-16_14	L1MB_1200 FS	3840.7	3848.7	7636	7650	8.033	0	0	-	-	-	-	0	0
B-16_14	L1LB_1000 FS	3848.7	3852.2	7650	7656	3.483	0.58	0.166	0.125	0.199	8.2	0.208	0.072	4.7
B-16_14	L1LB_1000 SB	3852.2	3857.8	7656	7665.5	5.576	0	0	-	-	-	-	0	0
B-16_14	L2_2500 FS	3857.8	3873.4	7665.5	7691.5	15.636	12.307	0.787	0.161	0.094	960.3	0.058	1.98	11818.9
B-16_14	MS_2000 SB	3873.4	3883	7691.5	7707	9.578	0	0	-	-	-	-	0	0
B-16_14	L3_3600 FS	3883	3890.5	7707	7719	7.489	0	0	-	-	-	-	0	0
B-16_14	L3U_3500 FS	3890.5	3905.4	7719	7743	14.934	7.879	0.528	0.153	0.118	494.8	0.071	1.209	3898.5
B-16_14	L3U_3500 SB	3905.4	3906.2	7743	7744	0.793	0	0	-	-	-	-	0	0
B-16_14	L3UB_3300 FS	3906.2	3908.3	7744	7747.5	2.065	0.318	0.154	0.134	0.22	894.3	0.081	0.043	284.4
B-16_14	L3UB_3300 SB	3908.3	3914.7	7747.5	7757.5	6.391	0	0	-	-	-	-	0	0
B-16_14	L3M_3200 FS	3914.7	3924.7	7757.5	7773	10.022	3.574	0.357	0.149	0.179	169.8	0.067	0.531	606.8
B-16_14	L3M_3200 SB	3924.7	3944	7773	7802	19.245	0	0	-	-	-	-	0	0
B-16_14	L3L_3100 FS	3944	3962.6	7802	7831.5	18.664	14.62	0.783	0.15	0.091	737.9	0.062	2.187	10788.8
B-16_14	L3L_3100 SB	3962.6	3963.1	7831.5	7832	0.471	0	0	-	-	-	-	0	0
B-16_14	L3LB_3000 FS	3963.1	3980.6	7832	7860	17.485	17.017	0.973	0.15	0.099	693	0.049	2.557	11792.7
B-16_14	L3BR_3000 SB	3980.6	3985.6	7860	7868	5.01	0.156	0.031	0.121	0.198	5.9	0.339	0.019	0.9
B-16_14	Well Totals	3801.8	3985.6	7565	7868	183.78	56.997	0.31	0.152	0.105	688	0.063	8.67	39211.6
B-16_14	B Pool	3848.7	3985.6	7650	7868	136.844	56.451	0.413	0.152	0.105	694.3	0.061	8.597	39195.8

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_15Z	L1_1800 FS	3455.7	3459.6	6113	6120	3.942	1.97	0.5	0.187	0.075	1394.1	0.078	0.369	2745.8
B-16_15Z	L1U_1800 SB	3459.6	3465.3	6120	6130	5.673	0	0	-	-	-	-	0	0
B-16_15Z	L1M_1700 FS	3465.3	3472.9	6130	6143.5	7.595	0.57	0.075	0.151	0.091	246.9	0.237	0.086	140.8
B-16_15Z	L1M_1300 SB	3472.9	3489.6	6143.5	6172	16.743	0	0	-	-	-	-	0	0
B-16_15Z	L1MB_1200 FS	3489.6	3496.9	6172	6184	7.333	0	0	-	-	-	-	0	0
B-16_15Z	L1L_1100 FS	3496.9	3500.9	6184	6190.5	3.915	0	0	-	-	-	-	0	0
B-16_15Z	L1L_1100 SB	3500.9	3503.7	6190.5	6195.5	2.871	0	0	-	-	-	-	0	0
B-16_15Z	L1LB_1000 FS	3503.7	3511.5	6195.5	6208	7.747	0	0	-	-	-	-	0	0
B-16_15Z	L1LB_1000 SB	3511.5	3519.4	6208	6221	7.956	0	0	-	-	-	-	0	0
B-16_15Z	L2_2500 FS	3519.4	3531.2	6221	6240	11.73	8.026	0.684	0.182	0.066	2217.4	0.132	1.458	17796.9
B-16_15Z	MS_2000 SB	3531.2	3533	6240	6243	1.863	0	0	-	-	-	-	0	0
B-16_15Z	L3_3600 FS	3533	3536	6243	6248	2.955	0	0	-	-	-	-	0	0
B-16_15Z	HIB GO	3536	3543.3	6248	6259.5	7.339	0	0	-	-	-	-	0	0
B-16_15Z	L3U_3500 FS	3543.3	3552.1	6259.5	6273.5	8.786	4.397	0.5	0.175	0.038	1433.5	0.068	0.769	6303.3
B-16_15Z	L3U_3500 SB	3552.1	3552.9	6273.5	6275	0.786	0	0	-	-	-	-	0	0
B-16_15Z	L3UB_3300 FS	3552.9	3555.3	6275	6278.5	2.361	0	0	-	-	-	-	0	0
B-16_15Z	L3UB_3300 SB	3555.3	3571.3	6278.5	6304	16.045	0	0	-	-	-	-	0	0
B-16_15Z	L3M_3200 FS	3571.3	3586.3	6304	6328	15.018	9.697	0.646	0.163	0.063	872.9	0.079	1.583	8464.4
B-16_15Z	L3M_3200 SB	3586.3	3590.1	6328	6334	3.751	0	0	-	-	-	-	0	0
B-16_15Z	L3L_3100 FS	3590.1	3596.3	6334	6344	6.247	4.372	0.7	0.175	0.041	1023.9	0.03	0.767	4476.5
B-16_15Z	L3L_3100 SB	3596.3	3610.9	6344	6367.5	14.606	0	0	-	-	-	-	0	0
B-16_15Z	L3LB_3000 FS	3610.9	3622.4	6367.5	6386	11.478	6.205	0.541	0.168	0.053	747.1	0.074	1.045	4636.1
B-16_15Z	L3BR_3000 SB	3622.4	3625.4	6386	6391	2.956	0	0	-	-	-	-	0	0
B-16_15Z	Well Totals	3455.7	3625.4	6113	6391	169.697	35.237	0.208	0.172	0.057	1264.7	0.085	6.077	44563.7
B-16_15Z	B Pool	3503.7	3625.4	6195.5	6391	114.286	32.697	0.286	0.172	0.056	1274.6	0.083	5.622	41677.1

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_16	L1_1800 FS	3709.8	3713.6	4578	4584	3.777	2.518	0.667	0.15	0.095	141.1	0.144	0.377	355.2
B-16_16	L1U_1800 SB	3713.6	3721.7	4584	4597	8.183	0	0	-	-	-	-	0	0
B-16_16	L1M_1700 FS	3721.7	3729.2	4597	4609	7.413	0	0	-	-	-	-	0	0
B-16_16	L1M_1300 SB	3729.2	3735.5	4609	4619	6.388	0	0	-	-	-	-	0	0
B-16_16	L1L_1100 FS	3735.5	3743.2	4619	4630.5	7.609	0	0	-	-	-	-	0	0
B-16_16	L1L_1100 SB	3743.2	3755.4	4630.5	4649	12.233	0	0	-	-	-	-	0	0
B-16_16	L2_2500 FS	3755.4	3758.9	4649	4654.5	3.532	1.346	0.381	0.149	0.091	179.5	0.16	0.201	241.7
B-16_16	MS 2000 SB	3758.9	3780.9	4654.5	4686.5	22.018	0	0	-	-	-	-	0	0
B-16_16	L3_3600 FS	3780.9	3789.2	4686.5	4698	8.261	0	0	-	-	-	-	0	0
B-16_16	L3U_3500 FS	3789.2	3802.3	4698	4716.5	13.146	10.137	0.771	0.175	0.047	2302.2	0.04	1.774	23337.5
B-16_16	L3U_3500 SB	3802.3	3803.4	4716.5	4718	1.073	0.715	0.667	0.169	0.09	1148.6	0.103	0.121	821.8
B-16_16	L3UB_3300 FS	3803.4	3813.5	4718	4732	10.089	9.547	0.946	0.174	0.058	1487.4	0.065	1.658	14199.5
B-16_16	L3UB_3300 SB	3813.5	3824.8	4732	4747.5	11.319	0	0	-	-	-	-	0	0
B-16_16	L3M_3200 FS	3824.8	3839.3	4747.5	4767	14.462	12.61	0.872	0.177	0.052	2315.2	0.035	2.235	29193.7
B-16_16	L3M_3200 SB	3839.3	3858	4767	4792	18.685	0	0	-	-	-	-	0	0
B-16_16	HIB OW	3858	3859.7	4792	4794	1.713	0	0	-	-	-	-	0	0
B-16_16	L3L_3100 FS	3859.7	3881	4794	4822	21.317	18.445	0.865	0.19	0.876	2837.8	0.062	3.513	52341.4
B-16_16	L3L_3100 SB	3881	3883.1	4822	4824.5	2.129	0	0	-	-	-	-	0	0
B-16_16	L3LB_3000 FS	3883.1	3891.7	4824.5	4835.5	8.529	3.877	0.455	0.18	0.764	2041.3	0.094	0.699	7914.1
B-16_16	L3BR_3000 SB	3891.7	3894.4	4835.5	4839	2.714	0	0	-	-	-	-	0	0
B-16_16	Well Totals	3709.8	3894.4	4578	4839	184.593	59.194	0.321	0.179	0.375	2169.2	0.061	10.579	128404.9
B-16_16	B Pool	3755.4	3894.4	4649	4839	138.989	56.676	0.408	0.18	0.386	2259.3	0.058	10.202	128049.7

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_16Z	L1_1800 FS	3707.4	3713	5332	5341.5	5.567	3.809	0.684	0.194	0.08	2213.5	0.088	0.74	8430.6
B-16_16Z	L1U_1800 SB	3713	3728	5341.5	5366.5	15.037	0.296	0.02	0.12	0.379	5.1	0.319	0.036	1.5
B-16_16Z	L1M_1700 FS	3728	3745.9	5366.5	5395.5	17.803	14.857	0.835	0.166	0.075	831.8	0.127	2.472	12358.2
B-16_16Z	L1M_1300 SB	3745.9	3750.7	5395.5	5403	4.853	0	0	-	-	-	-	0	0
B-16_16Z	L1L_1100 FS	3750.7	3757.2	5403	5413	6.498	4.224	0.65	0.154	0.112	149.7	0.198	0.649	632.4
B-16_16Z	L1L_1100 SB	3757.2	3777.2	5413	5443.5	20.006	0.325	0.016	0.139	0.16	25.1	0.278	0.045	8.1
B-16_16Z	L2_2500 FS	3777.2	3785.2	5443.5	5455	7.97	0.339	0.043	0.13	0.158	18.2	0.231	0.044	6.2
B-16_16Z	MS 2000 SB	3785.2	3805.2	5455	5483.5	20.001	0	0	-	-	-	-	0	0
B-16_16Z	L3_3600 FS	3805.2	3827.7	5483.5	5514.5	22.502	0	0	-	-	-	-	0	0
B-16_16Z	L3U_3500 FS	3827.7	3830.5	5514.5	5518	2.788	2.231	0.8	0.149	0.12	110.7	0.138	0.332	247
B-16_16Z	L3U_3500 SB	3830.5	3841	5518	5532	10.527	0.191	0.018	0.125	0.106	18.9	0.395	0.024	3.6
B-16_16Z	L3UB_3300 FS	3841	3855.9	5532	5551.5	14.898	8.977	0.603	0.163	0.075	1010.5	0.07	1.465	9071.7
B-16_16Z	L3UB_3300 SB	3855.9	3870.7	5551.5	5570.5	14.777	0	0	-	-	-	-	0	0
B-16_16Z	L3M_3200 FS	3870.7	3883.2	5570.5	5586.5	12.541	7.853	0.626	0.169	0.077	1009.8	0.063	1.331	7929.7
B-16_16Z	L3M_3200 SB	3883.2	3907.4	5586.5	5617	24.18	0.797	0.033	0.155	0.184	545.5	0.132	0.123	434.9
B-16_16Z	L3L_3100 FS	3907.4	3920.2	5617	5632.5	12.767	1.216	0.095	0.155	0.229	174.9	0.085	0.188	212.7
B-16_16Z	HIB OW	3920.2	3926.2	5632.5	5640	6.08	5.472	0.9	0.19	0.663	783.9	0.039	1.041	4289.4
B-16_16Z	L3L_3100 SB	3926.2	3927.1	5640	5641	0.818	0.409	0.5	0.149	0.822	29	0.243	0.061	11.9
B-16_16Z	L3LB_3000 FS	3927.1	3941	5641	5658	13.988	13.37	0.956	0.172	0.951	229.3	0.051	2.305	3066
B-16_16Z	L3BR_3000 SB	3941	3953.5	5658	5673	12.41	0	0	-	-	-	-	0	0
B-16_16Z	Well Totals	3707.4	3953.5	5332	5673	246.011	64.365	0.262	0.169	0.331	725.6	0.094	10.854	46703.9
B-16_16Z	B Pool	3777.2	3953.5	5443.5	5673	202.8	45.4	0.224	0.168	0.439	571	0.082	7.607	25914

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_17	L1_1800 FS	3633.7	3637.4	3888	3892	3.752	0	0	-	-	-	-	0	0
B-16_17	L1U_1800 SB	3637.4	3650.1	3892	3905.5	12.692	3.287	0.259	0.162	0.135	556.5	0.184	0.531	1829.2
B-16_17	L1M_1700 FS	3650.1	3667.6	3905.5	3924	17.452	5.189	0.297	0.142	0.172	87.7	0.258	0.736	454.9
B-16_17	L1M_1300 SB	3667.6	3673.3	3924	3930	5.678	2.365	0.417	0.151	0.19	81	0.172	0.357	191.5
B-16_17	L1MB_1200 FS	3673.3	3682.7	3930	3940	9.473	0	0	-	-	-	-	0	0
B-16_17	L1L_1100 FS	3682.7	3688.9	3940	3946.5	6.165	0	0	-	-	-	-	0	0
B-16_17	L1LB_1000 FS	3688.9	3691.3	3946.5	3949	2.375	0	0	-	-	-	-	0	0
B-16_17	L1LB_1000 SB	3691.3	3698.9	3949	3957	7.611	1.902	0.25	0.186	0.078	2036.4	0.084	0.353	3872.2
B-16_17	L2_2500 FS	3698.9	3722.2	3957	3981.5	23.349	17.396	0.745	0.185	0.052	2847.5	0.079	3.22	49533.7
B-16_17	MS_2000 SB	3722.2	3724.6	3981.5	3984	2.382	2.144	0.9	0.17	0.064	2374.2	0.135	0.365	5090.6
B-16_17	L3_3600 FS	3724.6	3737.2	3984	3997.5	12.632	0	0	-	-	-	-	0	0
B-16_17	L3U_3500 FS	3737.2	3743.2	3997.5	4003.5	5.959	0	0	-	-	-	-	0	0
B-16_17	L3U_3500 SB	3743.2	3751.5	4003.5	4012.5	8.345	0	0	-	-	-	-	0	0
B-16_17	L3UB_3300 FS	3751.5	3764.4	4012.5	4026	12.879	9.062	0.704	0.169	0.07	981.6	0.113	1.536	8895.4
B-16_17	L3UB_3300 SB	3764.4	3766.6	4026	4028	2.145	1.668	0.778	0.175	0.086	1058.2	0.126	0.292	1765.3
B-16_17	L3M_3200 FS	3766.6	3786.3	4028	4049	19.781	16.921	0.855	0.184	0.045	2813.5	0.029	3.108	47607.5
B-16_17	L3M_3200 SB	3786.3	3794.2	4049	4057	7.863	3.812	0.485	0.201	0.055	3788.6	0.07	0.767	14442.4
B-16_17	L3L_3100 FS	3794.2	3811.6	4057	4075.5	17.395	8.102	0.466	0.182	0.075	1989.9	0.072	1.472	16122.4
B-16_17	L3L_3100 SB	3811.6	3814.7	4075.5	4078.5	3.098	3.098	1	0.172	0.125	638.8	0.14	0.533	1978.9
B-16_17	L3LB_3000 FS	3814.7	3822.8	4078.5	4087	8.102	3.336	0.412	0.157	0.109	927.4	0.164	0.524	3093.7
B-16_17	L3BR_3000 SB	3822.8	3833.3	4087	4098	10.502	3.1	0.295	0.181	0.124	1292.2	0.079	0.561	4005.5
B-16_17	Well Totals	3633.7	3833.3	3888	4098	199.629	81.381	0.408	0.176	0.077	1952.3	0.098	14.354	158883.2
B-16_17	B Pool	3688.9	3833.3	3946.5	4098	144.417	70.541	0.488	0.18	0.066	2217.3	0.08	12.729	156407.6

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_18	L1_1800 FS	3772.8	3777.8	7212.5	7228	4.933	0	0	-	-	-	-	0	0
B-16_18	L1U_1800 SB	3777.8	3789	7228	7262.5	11.257	0	0	-	-	-	-	0	0
B-16_18	L1M_1700 FS	3789	3807.9	7262.5	7321.5	18.85	1.765	0.094	0.133	0.038	17.7	0.265	0.234	31.3
B-16_18	L1M_1300 SB	3807.9	3821.7	7321.5	7364	13.843	0	0	-	-	-	-	0	0
B-16_18	L1MB_1200 FS	3821.7	3830	7364	7388.5	8.298	0	0	-	-	-	-	0	0
B-16_18	L1L_1100 FS	3830	3837	7388.5	7409	7.042	0	0	-	-	-	-	0	0
B-16_18	L1L_1100 SB	3837	3853.4	7409	7455	16.363	0	0	-	-	-	-	0	0
B-16_18	L1LB_1000 FS	3853.4	3860.2	7455	7474	6.75	3.374	0.5	0.144	0.044	146.8	0.162	0.485	495.4
B-16_18	L1LB_1000 SB	3860.2	3873.4	7474	7512.5	13.271	0	0	-	-	-	-	0	0
B-16_18	L2_2500 FS	3873.4	3892.2	7512.5	7575.5	18.785	14.626	0.779	0.159	0.103	947.8	0.085	2.321	13862.1
B-16_18	MS_2000 SB	3892.2	3910.3	7575.5	7642	18.055	0	0	-	-	-	-	0	0
B-16_18	L3_3600 FS	3910.3	3934	7642	7728.5	23.681	0	0	-	-	-	-	0	0
B-16_18	L3U_3500 FS	3934	3954	7728.5	7792.5	20.069	7.267	0.362	0.141	0.087	403.2	0.101	1.022	2930.1
B-16_18	L3U_3500 SB	3954	3956.5	7792.5	7800.5	2.507	0	0	-	-	-	-	0	0
B-16_18	L3UB_3300 FS	3956.5	3968.1	7800.5	7838.5	11.61	6.573	0.566	0.148	0.079	359.9	0.139	0.972	2365.5
B-16_18	L3UB_3300 SB	3968.1	3982.3	7838.5	7882	14.149	0	0	-	-	-	-	0	0
B-16_18	L3M_3200 FS	3982.3	3997	7882	7925	14.686	6.587	0.449	0.149	0.158	868.1	0.068	0.981	5717.9
B-16_18	HIB OW	3997	4015.6	7925	7977.5	18.654	18.019	0.966	0.159	0.795	370.7	0.067	2.864	6680.4
B-16_18	L3M_3200 SB	4015.6	4029.7	7977.5	8015	14.036	0	0	-	-	-	-	0	0
B-16_18	L3L_3100 FS	4029.7	4044	8015	8054.5	14.384	12.644	0.879	0.149	0.184	598.1	0.07	1.884	7562.9
B-16_18	L3L_3100 SB	4049.6	4050.1	8070	8071.5	0.53	0.53	1	0.139	0.499	182.7	0.178	0.074	96.8
B-16_18	L3LB_3000 FS	4050.1	4075	8071.5	8141	24.882	24.344	0.978	0.174	0.803	870.3	0.06	4.23	21187.7
B-16_18	L3BR_3000 SB	4075	4080.7	8141	8156	5.692	0	0	-	-	-	-	0	0
B-16_18	Well Totals	3772.8	4080.7	7212.5	8156	302.326	95.729	0.317	0.157	0.441	636.5	0.084	15.066	60930.1
B-16_18	B Pool	3853.4	4080.7	7455	8156	221.739	93.964	0.424	0.158	0.447	648.1	0.08	14.832	60898.8

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_2	L1_1800 FS	3491	3496.5	4166	4174	5.525	0.69	0.125	0.129	0.297	15.8	0.362	0.089	10.9
B-16_2	L1U_1800 SB	3496.5	3503.2	4174	4184	6.745	0	0	-	-	-	-	0	0
B-16_2	L1M_1700 FS	3503.2	3512.4	4184	4197	9.18	5.89	0.642	0.171	0.116	516.2	0.234	1.009	3040.5
B-16_2	L1M_1300 SB	3512.4	3519.8	4197	4208	7.427	0	0	-	-	-	-	0	0
B-16_2	L1MB_1200 FS	3519.8	3526.9	4208	4218	7.059	0	0	-	-	-	-	0	0
B-16_2	L1L_1100 FS	3526.9	3533.4	4218	4227.5	6.531	1.031	0.158	0.146	0.146	57.2	0.229	0.15	58.9
B-16_2	L1L_1100 SB	3533.4	3537.2	4227.5	4233	3.786	0	0	-	-	-	-	0	0
B-16_2	L1LB_1000 FS	3537.2	3545.1	4233	4244.5	7.929	0	0	-	-	-	-	0	0
B-16_2	L2_2500 FS	3545.1	3569.3	4244.5	4279.5	24.162	20.02	0.829	0.189	0.063	3134.9	0.146	3.782	62760.6
B-16_2	MS_2000 SB	3569.3	3579.2	4279.5	4294	9.84	0	0	-	-	-	-	0	0
B-16_2	L3_3600 FS	3579.2	3586.6	4294	4304.5	7.449	0	0	-	-	-	-	0	0
B-16_2	L3U_3500 FS	3586.6	3596	4304.5	4318	9.372	2.082	0.222	0.169	0.111	703.5	0.201	0.351	1464.3
B-16_2	L3U_3500 SB	3596	3597.4	4318	4320	1.387	0	0	-	-	-	-	0	0
B-16_2	L3UB_3300 FS	3597.4	3612.6	4320	4342	15.225	14.185	0.932	0.194	0.069	2442.7	0.096	2.754	34649.9
B-16_2	L3UB_3300 SB	3612.6	3620	4342	4353	7.4	0	0	-	-	-	-	0	0
B-16_2	HIB GO	3620	3620.8	4353	4354	0.859	0	0	-	-	-	-	0	0
B-16_2	L3M_3200 FS	3620.8	3633.8	4354	4373	12.999	8.895	0.684	0.173	0.107	957.9	0.208	1.542	8520.1
B-16_2	L3M_3200 SB	3633.8	3647.4	4373	4393	13.582	6.62	0.487	0.178	0.08	1513.9	0.155	1.177	10021.8
B-16_2	L3L_3100 FS	3647.4	3659.9	4393	4411.5	12.464	12.464	1	0.193	0.041	4230.3	0.047	2.408	52728
B-16_2	L3L_3100 SB	3659.9	3660.7	4411.5	4413	0.839	0.839	1	0.157	0.131	129.6	0.229	0.132	108.7
B-16_2	L3LB_3000 FS	3660.7	3669.9	4413	4426.5	9.209	8.707	0.945	0.166	0.088	1034.5	0.103	1.447	9007.3
B-16_2	L3BR_3000 SB	3669.9	3671.3	4426.5	4428.5	1.341	0	0	-	-	-	-	0	0
B-16_2	Well Totals	3491	3671.3	4166	4428.5	180.309	81.423	0.452	0.182	0.077	2239.8	0.137	14.841	182371.1
B-16_2	B Pool	3537.2	3671.3	4233	4428.5	133.197	73.812	0.554	0.184	0.071	2428.6	0.125	13.593	179260.8

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_21	L1_1800 FS	3677.2	3682.2	4097	4103	4.992	4.775	0.957	0.178	0.077	1123.2	0.172	0.852	5363.2
B-16_21	L1U_1800 SB	3682.2	3690.6	4103	4112.5	8.463	0.434	0.051	0.121	0.34	6.3	0.289	0.052	2.7
B-16_21	L1M_1700 FS	3690.6	3708	4112.5	4132.5	17.361	9.115	0.525	0.17	0.106	1240	0.212	1.552	11301.9
B-16_21	L1M_1300 SB	3708	3715.4	4132.5	4141	7.38	0	0	-	-	-	-	0	0
B-16_21	L1MB_1200 FS	3715.4	3726.2	4141	4153.5	10.862	0	0	-	-	-	-	0	0
B-16_21	L1L_1100 FS	3726.2	3735.4	4153.5	4164	9.133	0	0	-	-	-	-	0	0
B-16_21	L2_2500 FS	3735.4	3757.4	4164	4189.5	22.007	0.436	0.02	0.159	0.117	135.1	0.21	0.069	59
B-16_21	MS_2000 SB	3757.4	3760.6	4189.5	4193	3.274	0	0	-	-	-	-	0	0
B-16_21	L3_3600 FS	3760.6	3772.4	4193	4206.5	11.8	0	0	-	-	-	-	0	0
B-16_21	L3U_3500 FS	3772.4	3774.8	4206.5	4209.5	2.406	0	0	-	-	-	-	0	0
B-16_21	L3U_3500 SB	3774.8	3779.2	4209.5	4214.5	4.377	0	0	-	-	-	-	0	0
B-16_21	L3UB_3300 FS	3779.2	3794.8	4214.5	4232	15.555	12.489	0.803	0.19	0.073	2924.6	0.106	2.378	36524.4
B-16_21	L3UB_3300 SB	3794.8	3802	4232	4240.5	7.234	0.219	0.03	0.18	0.118	791.6	0.353	0.039	173.5
B-16_21	L3M_3200 FS	3802	3833.3	4240.5	4276	31.335	21.036	0.671	0.194	0.144	3358.9	0.12	4.09	70658.8
B-16_21	L3M_3200 SB	3833.3	3836.2	4276	4279.5	2.844	0	0	-	-	-	-	0	0
B-16_21	L3L_3100 FS	3836.2	3837.1	4279.5	4280.5	0.875	0.875	1	0.183	0.29	1112.8	0.19	0.16	973.7
B-16_21	HIB OW	3837.1	3851.3	4280.5	4296.5	14.218	14.218	1	0.213	0.744	4839.8	0.041	3.032	68813
B-16_21	L3L_3100 SB	3851.3	3852.2	4296.5	4297.5	0.875	0.437	0.5	0.158	0.641	313.6	0.151	0.069	137.2
B-16_21	L3LB_3000 FS	3852.2	3862.2	4297.5	4309	10.062	6.781	0.674	0.187	0.77	1770.6	0.138	1.266	12006.4
B-16_21	L3BR_3000 SB	3862.2	3866.6	4309	4314	4.375	0	0	-	-	-	-	0	0
B-16_21	Well Totals	3677.2	3866.6	4097	4314	189.431	70.816	0.374	0.191	0.32	2909.1	0.122	13.56	206013.7
B-16_21	B Pool	3735.4	3866.6	4164	4314	131.239	56.492	0.43	0.197	0.369	3351.7	0.102	11.103	189345.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_22	L1_1800 FS	3644.8	3647.9	3873	3876	3.155	0	0	-	-	-	-	0	0
B-16_22	L1U_1800 SB	3647.9	3658.6	3876	3887	10.689	0	0	-	-	-	-	0	0
B-16_22	L1M_1700 FS	3658.6	3673.2	3887	3902	14.6	6.325	0.433	0.155	0.108	235.5	0.21	0.98	1489.4
B-16_22	L1M_1300 SB	3673.2	3679.8	3902	3909	6.581	0	0	-	-	-	-	0	0
B-16_22	L1MB_1200 FS	3679.8	3688.8	3909	3918	9.029	0	0	-	-	-	-	0	0
B-16_22	L1L_1100 FS	3688.8	3695.7	3918	3925	6.841	0	0	-	-	-	-	0	0
B-16_22	L1LB_1000 FS	3695.7	3704.2	3925	3934	8.56	0	0	-	-	-	-	0	0
B-16_22	L2_2500 FS	3704.2	3727.3	3934	3957.5	23.035	11.765	0.511	0.182	0.061	1755.2	0.087	2.146	20648.7
B-16_22	MS_2000 SB	3727.3	3735.9	3957.5	3966	8.59	0	0	-	-	-	-	0	0
B-16_22	L3_3600 FS	3735.9	3742.3	3966	3972.5	6.385	0	0	-	-	-	-	0	0
B-16_22	L3U_3500 FS	3742.3	3761.2	3972.5	3992	18.926	12.783	0.675	0.172	0.08	2220.2	0.106	2.195	28380
B-16_22	L3U_3500 SB	3761.2	3761.7	3992	3992.5	0.492	0.492	1	0.129	0.114	16.1	0.215	0.064	7.9
B-16_22	L3UB_3300 FS	3761.7	3768.8	3992.5	3999.5	7.129	6.392	0.897	0.188	0.05	1541.8	0.037	1.204	9855.2
B-16_22	L3UB_3300 SB	3768.8	3772.2	3999.5	4003	3.442	0	0	-	-	-	-	0	0
B-16_22	L3M_3200 FS	3772.2	3800.3	4003	4031.5	28.025	22.617	0.807	0.173	0.057	1286.3	0.066	3.908	29092.2
B-16_22	L3M_3200 SB	3800.3	3801.7	4031.5	4033	1.475	0	0	-	-	-	-	0	0
B-16_22	L3L_3100 FS	3801.7	3822.6	4033	4054.5	20.892	19.663	0.941	0.178	0.057	1562.6	0.041	3.505	30725
B-16_22	L3L_3100 SB	3822.6	3823.4	4054.5	4055	0.737	0	0	-	-	-	-	0	0
B-16_22	L3LB_3000 FS	3823.4	3829	4055	4061	5.653	3.933	0.696	0.189	0.045	2979.8	0.053	0.742	11719.2
B-16_22	L3BR_3000 SB	3829	3834.2	4061	4066	5.162	0	0	-	-	-	-	0	0
B-16_22	Well Totals	3644.8	3834.2	3873	4066	189.398	83.969	0.443	0.176	0.063	1571	0.078	14.744	131917.7
B-16_22	B Pool	3695.7	3834.2	3925	4066	138.504	77.644	0.561	0.177	0.06	1679.8	0.068	13.764	130428.3

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_24	L1_1800 FS	3714.9	3718.6	4418	4423	3.785	2.271	0.6	0.165	0.089	803.3	0.079	0.376	1824.1
B-16_24	L1U_1800 SB	3718.6	3735.5	4423	4445.5	16.861	0	0	-	-	-	-	0	0
B-16_24	L1M_1700 FS	3735.5	3749	4445.5	4463	13.475	3.797	0.282	0.174	0.105	877.9	0.125	0.662	3333.2
B-16_24	L1M_1300 SB	3749	3759.2	4463	4476.5	10.266	0	0	-	-	-	-	0	0
B-16_24	L1MB_1200 FS	3759.2	3764.2	4476.5	4483	4.951	0	0	-	-	-	-	0	0
B-16_24	L1L_1100 FS	3764.2	3765.7	4483	4485	1.525	0	0	-	-	-	-	0	0
B-16_24	L1L_1100 SB	3765.7	3773.4	4485	4495	7.635	0	0	-	-	-	-	0	0
B-16_24	L1LB_1000 FS	3773.4	3776	4495	4498.5	2.676	1.147	0.429	0.151	0.132	123.6	0.215	0.173	141.8
B-16_24	L1LB_1000 SB	3776	3791.9	4498.5	4519.5	15.917	0	0	-	-	-	-	0	0
B-16_24	L2_2500 FS	3791.9	3804.9	4519.5	4536	12.94	8.493	0.656	0.179	0.056	2316.7	0.068	1.52	19674.7
B-16_24	MS 2000 SB	3804.9	3814.2	4536	4548	9.319	0	0	-	-	-	-	0	0
B-16_24	L3_3600 FS	3814.2	3831.4	4548	4570	17.175	0.391	0.023	0.132	0.085	14.2	0.126	0.052	5.6
B-16_24	L3U_3500 FS	3831.4	3844.6	4570	4587	13.245	11.295	0.853	0.172	0.072	1529.8	0.061	1.945	17278.7
B-16_24	L3U_3500 SB	3844.6	3848.9	4587	4592.5	4.268	0	0	-	-	-	-	0	0
B-16_24	L3UB_3300 FS	3848.9	3859.3	4592.5	4606	10.445	5.994	0.574	0.171	0.076	1145.6	0.135	1.025	6867.4
B-16_24	L3UB_3300 SB	3859.3	3867.1	4606	4616	7.714	0.193	0.025	0.164	0.167	215.3	0.152	0.032	41.6
B-16_24	L3M_3200 FS	3867.1	3890.9	4616	4647	23.854	14.622	0.613	0.176	0.06	1369.4	0.062	2.572	20023.4
B-16_24	L3M_3200 SB	3890.9	3902.5	4647	4662	11.546	0.385	0.033	0.154	0.217	121.1	0.243	0.059	46.6
B-16_24	L3L_3100 FS	3902.5	3923.1	4662	4689	20.61	14.5	0.704	0.172	0.068	1359.8	0.059	2.487	19716.9
B-16_24	L3L_3100 SB	3923.1	3923.4	4689	4689.5	0.381	0	0	-	-	-	-	0	0
B-16_24	L3LB_3000 FS	3923.4	3930.7	4689.5	4699	7.253	7.063	0.974	0.176	0.064	1255.4	0.037	1.242	8866.9
B-16_24	L3BR_3000 SB	3930.7	3933	4699	4702	2.296	0.191	0.083	0.143	0.079	63.4	0.28	0.027	12.1
B-16_24	Well Totals	3714.9	3933	4418	4702	218.136	70.342	0.322	0.173	0.07	1390.8	0.074	12.171	97833.1
B-16_24	B Pool	3773.4	3933	4495	4702	159.639	64.274	0.403	0.173	0.068	1441.9	0.071	11.133	92675.8

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_26	L1_1800 FS	3311	3317.2	7985	7993.5	6.204	1.507	0.243	0.141	0.158	86.8	0.301	0.212	130.8
B-16_26	L1U_1800 SB	3317.2	3318.7	7993.5	7995.5	1.511	0	0	-	-	-	-	0	0
B-16_26	L1M_1700 FS	3318.7	3326.9	7995.5	8006	8.169	3.031	0.371	0.154	0.099	334.2	0.227	0.466	1013.1
B-16_26	L1M_1300 SB	3326.9	3337.2	8006	8019.5	10.374	0	0	-	-	-	-	0	0
B-16_26	L1MB_1200 FS	3337.2	3342.3	8019.5	8026	5.04	0	0	-	-	-	-	0	0
B-16_26	L1L_1100 FS	3342.3	3348.1	8026	8033.5	5.848	0	0	-	-	-	-	0	0
B-16_26	L1LB_1000 FS	3348.1	3349.9	8033.5	8036	1.76	0.782	0.444	0.149	0.131	116.8	0.204	0.117	91.3
B-16_26	L1LB_1000 SB	3349.9	3353.6	8036	8040.5	3.723	0	0	-	-	-	-	0	0
B-16_26	L2_2500 FS	3353.6	3362.3	8040.5	8051.5	8.662	3.545	0.409	0.163	0.122	554	0.18	0.578	1963.6
B-16_26	MS 2000 SB	3362.3	3378.2	8051.5	8071.5	15.895	0	0	-	-	-	-	0	0
B-16_26	L3_3600 FS	3378.2	3381.8	8071.5	8076	3.603	0	0	-	-	-	-	0	0
B-16_26	L3U_3500 FS	3381.8	3392.2	8076	8089	10.464	10.061	0.962	0.188	0.062	3077.1	0.064	1.887	30959.8
B-16_26	L3UB_3300 SB	3392.2	3404	8089	8103.5	11.764	0	0	-	-	-	-	0	0
B-16_26	L3M_3200 FS	3404	3413	8103.5	8114.5	8.988	4.909	0.546	0.178	0.088	1252.2	0.062	0.872	6146.5
B-16_26	L3M_3200 SB	3413	3425.7	8114.5	8130	12.718	2.257	0.177	0.167	0.142	664.6	0.207	0.378	1499.8
B-16_26	L3L_3100 FS	3425.7	3431.9	8130	8137.5	6.159	6.159	1	0.183	0.055	2070.7	0.035	1.124	12752.8
B-16_26	HIB GO	3431.9	3443.2	8137.5	8151.5	11.299	10.888	0.964	0.176	0.06	1755.6	0.052	1.92	19114.7
B-16_26	L3L_3100 SB	3443.2	3445	8151.5	8153.5	1.85	0	0	-	-	-	-	0	0
B-16_26	L3LB_3000 FS	3445	3458.2	8153.5	8169.5	13.165	11.931	0.906	0.172	0.06	1737.5	0.05	2.058	20730.6
B-16_26	L3BR_3000 SB	3458.2	3461.1	8169.5	8173	2.882	0	0	-	-	-	-	0	0
B-16_26	Well Totals	3311	3461.1	7985	8173	150.078	55.069	0.367	0.175	0.074	1714.3	0.086	9.612	94403.1
B-16_26	B Pool	3348.1	3461.1	8033.5	8173	101.632	39.643	0.39	0.177	0.074	1870.3	0.077	7.014	74144.5

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_27	L1_1800 FS	3521.6	3525	5655	5659	3.357	0.84	0.25	0.14	0.108	31.4	0.153	0.117	26.4
B-16_27	L1U_1800 SB	3525	3530	5659	5665	5.051	0	0	-	-	-	-	0	0
B-16_27	L1M_1700 FS	3530	3533	5665	5668.5	2.955	0	0	-	-	-	-	0	0
B-16_27	HIB GO	3533	3542.3	5668.5	5679.5	9.328	5.091	0.546	0.147	0.061	469.6	0.138	0.748	2390.5
B-16_27	L1M_1300 SB	3542.3	3550.4	5679.5	5689	8.114	0	0	-	-	-	-	0	0
B-16_27	L1MB_1200 FS	3550.4	3559.9	5689	5700	9.463	0	0	-	-	-	-	0	0
B-16_27	L1L_1100 FS	3559.9	3567.2	5700	5708.5	7.36	0	0	-	-	-	-	0	0
B-16_27	L1LB_1000 FS	3567.2	3574.6	5708.5	5717	7.402	0	0	-	-	-	-	0	0
B-16_27	L2_2500 FS	3574.6	3592.2	5717	5737	17.556	4.838	0.276	0.155	0.101	608.9	0.152	0.748	2946.1
B-16_27	MS_2000 SB	3592.2	3595.1	5737	5740.5	2.866	0	0	-	-	-	-	0	0
B-16_27	L3_3600 FS	3595.1	3610.1	5740.5	5757.5	15.041	0	0	-	-	-	-	0	0
B-16_27	L3U_3500 FS	3610.1	3612.8	5757.5	5760.5	2.664	0.444	0.167	0.126	0.215	26.7	0.162	0.056	11.9
B-16_27	L3U_3500 SB	3612.8	3615.6	5760.5	5763.5	2.889	0.222	0.077	0.122	0.111	24.4	0.282	0.027	5.4
B-16_27	L3UB_3300 FS	3615.6	3632.2	5763.5	5782	16.514	13.169	0.797	0.163	0.062	1053.4	0.078	2.152	13871.7
B-16_27	L3UB_3300 SB	3632.2	3640.5	5782	5791.5	8.294	0	0	-	-	-	-	0	0
B-16_27	L3M_3200 FS	3640.5	3677.4	5791.5	5832.5	36.976	34.272	0.927	0.175	0.047	1688.8	0.029	5.989	57878.6
B-16_27	L3M_3200 SB	3677.4	3686.1	5832.5	5842	8.639	0	0	-	-	-	-	0	0
B-16_27	L3L_3100 FS	3686.1	3687	5842	5843	0.911	0	0	-	-	-	-	0	0
B-16_27	L3L_3100 SB	3687	3689.9	5843	5846	2.964	0	0	-	-	-	-	0	0
B-16_27	L3LB_3000 FS	3689.9	3701.4	5846	5858.5	11.434	8.688	0.76	0.173	0.055	942.9	0.034	1.504	8191.9
B-16_27	L3BR_3000 SB	3701.4	3706.4	5858.5	5864	5.048	0	0	-	-	-	-	0	0
B-16_27	Well Totals	3521.6	3706.4	5655	5864	184.823	67.564	0.366	0.168	0.057	1262.8	0.059	11.34	85322.6
B-16_27	B Pool	3567.2	3706.4	5708.5	5864	139.196	61.634	0.443	0.17	0.056	1345.1	0.052	10.475	82905.6

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_28	L1_1800 FS	3797	3800.6	7037	7042	3.592	2.516	0.701	0.133	0.049	527	0.059	0.335	1326
B-16_28	L1U_1800 SB	3800.6	3808.6	7042	7053	8	0	0	-	-	-	-	0	0
B-16_28	L1M_1700 FS	3808.6	3823	7053	7072.5	14.478	0.372	0.026	0.146	0.126	45.3	0.106	0.054	16.9
B-16_28	L1M_1300 SB	3823	3828.9	7072.5	7080.5	5.851	0	0	-	-	-	-	0	0
B-16_28	L1MB_1200 FS	3828.9	3844.4	7080.5	7100.5	15.48	0	0	-	-	-	-	0	0
B-16_28	L1L_1100 FS	3844.4	3849	7100.5	7106.5	4.591	0	0	-	-	-	-	0	0
B-16_28	L1L_1100 SB	3849	3852.2	7106.5	7111	3.25	0	0	-	-	-	-	0	0
B-16_28	L1LB_1000 FS	3852.2	3855.1	7111	7114.5	2.866	0	0	-	-	-	-	0	0
B-16_28	L1LB_1000 SB	3855.1	3868.8	7114.5	7132.5	13.74	0	0	-	-	-	-	0	0
B-16_28	L2_2500 FS	3868.8	3883.3	7132.5	7151.5	14.473	3.807	0.263	0.146	0.067	591.9	0.064	0.556	2253.2
B-16_28	MS_2000 SB	3883.3	3885.9	7151.5	7155	2.666	0	0	-	-	-	-	0	0
B-16_28	L3_3600 FS	3885.9	3894	7155	7165.5	8.004	0	0	-	-	-	-	0	0
B-16_28	L3U_3500 FS	3894	3900.4	7165.5	7174	6.486	0	0	-	-	-	-	0	0
B-16_28	L3U_3500 SB	3900.4	3905.2	7174	7180.5	4.769	0	0	-	-	-	-	0	0
B-16_28	L3UB_3300 FS	3905.2	3920.8	7180.5	7201	15.566	5.692	0.366	0.137	0.065	336.4	0.067	0.778	1915
B-16_28	L3UB_3300 SB	3920.8	3923.2	7201	7204	2.457	0	0	-	-	-	-	0	0
B-16_28	L3M_3200 FS	3923.2	3935.9	7204	7221	12.627	9.042	0.716	0.135	0.063	485.5	0.04	1.224	4389.8
B-16_28	L3M_3200 SB	3935.9	3942.1	7221	7229	6.199	0	0	-	-	-	-	0	0
B-16_28	HIB OW	3942.1	3957	7229	7249	14.908	0.749	0.05	0.137	0.298	23.5	0.238	0.103	17.6
B-16_28	L3L_3100 FS	3957	3969.6	7249	7266.5	12.638	11.355	0.899	0.162	0.686	626.7	0.055	1.835	7116.3
B-16_28	L3L_3100 SB	3969.6	3970.7	7266.5	7268	1.093	0	0	-	-	-	-	0	0
B-16_28	L3LB_3000 FS	3970.7	3981.4	7268	7282.5	10.751	7.289	0.678	0.149	0.452	233.2	0.085	1.083	1700
B-16_28	L3BR_3000 SB	3981.4	3983.6	7282.5	7285.5	2.187	0	0	-	-	-	-	0	0
B-16_28	Well Totals	3797	3983.6	7037	7285.5	186.671	40.822	0.219	0.146	0.33	458.9	0.063	5.969	18734.8
B-16_28	B Pool	3852.2	3983.6	7111	7285.5	131.43	37.933	0.289	0.147	0.348	458.5	0.063	5.579	17391.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_28Z	L1_1800 FS	3663.9	3672.7	6448	6461	8.791	3.451	0.393	0.154	0.096	96.1	0.098	0.53	331.7
B-16_28Z	L1U_1800 SB	3672.7	3674	6461	6463	1.374	0	0	-	-	-	-	0	0
B-16_28Z	L1M_1700 FS	3674	3693.2	6463	6491	19.132	2.392	0.125	0.138	0.145	14.2	0.211	0.33	34.1
B-16_28Z	L1M_1300 SB	3693.2	3701	6491	6502.5	7.865	0	0	-	-	-	-	0	0
B-16_28Z	L1MB_1200 FS	3701	3713.2	6502.5	6520	12.195	0	0	-	-	-	-	0	0
B-16_28Z	L1L_1100 FS	3713.2	3716.2	6520	6524.5	2.937	0	0	-	-	-	-	0	0
B-16_28Z	L1L_1100 SB	3716.2	3721.9	6524.5	6532.5	5.722	0	0	-	-	-	-	0	0
B-16_28Z	L1LB_1000 FS	3721.9	3725.7	6532.5	6538	3.83	1.74	0.454	0.147	0.112	26.2	0.114	0.256	45.5
B-16_28Z	L1LB_1000 SB	3725.7	3735.4	6538	6552	9.662	0	0	-	-	-	-	0	0
B-16_28Z	L2_2500 FS	3735.4	3747.9	6552	6569.5	12.479	0.717	0.057	0.155	0.124	13	0.198	0.111	9.3
B-16_28Z	MS 2000 SB	3747.9	3752.9	6569.5	6576.5	5.026	0	0	-	-	-	-	0	0
B-16_28Z	L3_3600 FS	3752.9	3767	6576.5	6596	14.061	0	0	-	-	-	-	0	0
B-16_28Z	L3U_3500 FS	3767	3774.7	6596	6606.5	7.736	1.442	0.186	0.144	0.111	22.4	0.098	0.207	32.2
B-16_28Z	L3U_3500 SB	3774.7	3782	6606.5	6617	7.334	0	0	-	-	-	-	0	0
B-16_28Z	L3UB_3300 FS	3782	3796.4	6617	6637	14.397	11.38	0.79	0.165	0.082	1263.8	0.043	1.873	14382.4
B-16_28Z	L3UB_3300 SB	3796.4	3808.1	6637	6653.5	11.68	0	0	-	-	-	-	0	0
B-16_28Z	L3M_3200 FS	3808.1	3819	6653.5	6669	10.889	5.272	0.484	0.158	0.125	513.3	0.1	0.833	2705.8
B-16_28Z	L3M_3200 SB	3819	3822.5	6669	6674	3.491	0	0	-	-	-	-	0	0
B-16_28Z	L3L_3100 FS	3822.5	3850.7	6674	6715	28.178	24.421	0.867	0.169	0.078	1126.9	0.055	4.134	27519.6
B-16_28Z	L3L_3100 SB	3850.7	3853.2	6715	6719	2.536	0	0	-	-	-	-	0	0
B-16_28Z	L3LB_3000 FS	3853.2	3865.9	6719	6738	12.749	11.413	0.895	0.183	0.082	1656.5	0.02	2.09	18905.8
B-16_28Z	L3BR_3000 SB	3865.9	3867.8	6738	6740.5	1.831	0	0	-	-	-	-	0	0
B-16_28Z	Well Totals	3663.9	3867.8	6448	6740.5	203.897	62.227	0.305	0.167	0.088	1027.9	0.063	10.364	63966.5
B-16_28Z	B Pool	3721.9	3867.8	6532.5	6740.5	145.881	56.385	0.387	0.169	0.086	1128	0.055	9.504	63600.7

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_29	L1_1800 FS	3677.7	3683.3	7429	7447	5.616	0.938	0.167	0.147	0.073	68.9	0.221	0.138	64.6
B-16_29	L1U_1800 SB	3683.3	3686.2	7447	7456	2.892	0	0	-	-	-	-	0	0
B-16_29	L1M_1700 FS	3686.2	3692.7	7456	7475.5	6.493	1.847	0.284	0.135	0.068	32.4	0.2	0.25	59.9
B-16_29	L1M_1300 SB	3692.7	3715.2	7475.5	7536.5	22.498	0	0	-	-	-	-	0	0
B-16_29	L1MB_1200 FS	3715.2	3726.1	7536.5	7563	10.85	0	0	-	-	-	-	0	0
B-16_29	L1L_1100 FS	3726.1	3737.1	7563	7588.5	11.03	0.66	0.06	0.165	0.08	389.4	0.198	0.109	257.1
B-16_29	L1L_1100 SB	3737.1	3740.4	7588.5	7596	3.353	0	0	-	-	-	-	0	0
B-16_29	L1LB_1000 FS	3740.4	3745.2	7596	7606.5	4.778	0.682	0.143	0.13	0.211	27.7	0.247	0.088	18.9
B-16_29	L1LB_1000 SB	3745.2	3762.5	7606.5	7642.5	17.261	0	0	-	-	-	-	0	0
B-16_29	L2_2500 FS	3762.5	3770.8	7642.5	7659	8.301	0.253	0.03	0.139	0.074	38	0.27	0.035	9.6
B-16_29	MS 2000 SB	3770.8	3781.5	7659	7680	10.697	0	0	-	-	-	-	0	0
B-16_29	L3_3600 FS	3781.5	3789.2	7680	7694.5	7.739	0	0	-	-	-	-	0	0
B-16_29	L3U_3500 FS	3789.2	3794.3	7694.5	7704	5.051	1.334	0.264	0.153	0.113	237.9	0.122	0.204	317.4
B-16_29	L3U_3500 SB	3794.3	3796.7	7704	7708.5	2.413	0	0	-	-	-	-	0	0
B-16_29	L3UB_3300 FS	3796.7	3808.4	7708.5	7730	11.707	7.761	0.663	0.153	0.061	710.6	0.107	1.189	5514.4
B-16_29	L3UB_3300 SB	3808.4	3824.5	7730	7759	16.125	0.277	0.017	0.141	0.114	38.9	0.141	0.039	10.8
B-16_29	L3M_3200 FS	3824.5	3838.4	7759	7783	13.853	7.197	0.52	0.17	0.043	2070.9	0.079	1.227	14905.5
B-16_29	L3M_3200 SB	3838.4	3846.9	7783	7797.5	8.574	0	0	-	-	-	-	0	0
B-16_29	L3L_3100 FS	3846.9	3852.8	7797.5	7807.5	5.817	5.369	0.923	0.149	0.102	297.7	0.133	0.802	1598.3
B-16_29	L3L_3100 SB	3852.8	3856.8	7807.5	7814	4.054	0	0	-	-	-	-	0	0
B-16_29	L3LB_3000 FS	3856.8	3867.8	7814	7832	10.954	8.512	0.777	0.156	0.067	1188	0.058	1.33	10112.3
B-16_29	L3BR_3000 SB	3867.8	3883.2	7832	7857	15.455	0	0	-	-	-	-	0	0
B-16_29	Well Totals	3677.7	3883.2	7429	7857	205.51	34.83	0.169	0.155	0.071	943.7	0.108	5.41	32868.7
B-16_29	B Pool	3740.4	3883.2	7596	7857	142.778	31.384	0.22	0.157	0.07	1035.1	0.097	4.913	32487.1

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_3	L1_1800 FS	3579.4	3583.9	3904	3909	4.551	0.455	0.1	0.138	0.212	20.4	0.168	0.063	9.3
B-16_3	L1U_1800 SB	3583.9	3598	3909	3924.5	14.127	0.455	0.032	0.135	0.326	10.6	0.305	0.061	4.8
B-16_3	L1M_1700 FS	3598	3614	3924.5	3942	15.987	5.941	0.372	0.15	0.128	339.2	0.192	0.892	2015.3
B-16_3	L1M_1300 SB	3614	3617.9	3942	3946.5	3.888	0	0	-	-	-	-	0	0
B-16_3	L1MB_1200 FS	3617.9	3629.4	3946.5	3959	11.45	0	0	-	-	-	-	0	0
B-16_3	L1L_1100 FS	3629.4	3633.9	3959	3964	4.585	0	0	-	-	-	-	0	0
B-16_3	L1LB_1000 FS	3633.9	3638.3	3964	3968.5	4.358	3.9	0.895	0.166	0.087	406.6	0.166	0.646	1585.5
B-16_3	L1LB_1000 SB	3638.3	3651.2	3968.5	3982.5	12.859	0.459	0.036	0.151	0.091	150.9	0.267	0.069	69.3
B-16_3	L2_2500 FS	3651.2	3677.9	3982.5	4011.5	26.704	20.945	0.784	0.196	0.047	4320.1	0.055	4.097	90482.3
B-16_3	MS_2000 SB	3677.9	3682	4011.5	4016	4.152	0	0	-	-	-	-	0	0
B-16_3	L3_3600 FS	3682	3694.9	4016	4030	12.926	0	0	-	-	-	-	0	0
B-16_3	L3U_3500 FS	3694.9	3705.1	4030	4041	10.167	5.085	0.5	0.18	0.094	1975.3	0.117	0.913	10043.7
B-16_3	L3U_3500 SB	3705.1	3707.9	4041	4044	2.775	0	0	-	-	-	-	0	0
B-16_3	L3UB_3300 FS	3707.9	3718.5	4044	4055.5	10.642	10.18	0.957	0.184	0.057	2089.3	0.098	1.875	21268.4
B-16_3	L3UB_3300 SB	3718.5	3727.3	4055.5	4065	8.799	0	0	-	-	-	-	0	0
B-16_3	L3M_3200 FS	3727.3	3753.1	4065	4093	25.737	20.869	0.811	0.18	0.074	2332.8	0.127	3.766	48682.4
B-16_3	L3M_3200 SB	3753.1	3760.3	4093	4100.5	7.194	0	0	-	-	-	-	0	0
B-16_3	L3L_3100 FS	3760.3	3774.7	4100.5	4116	14.397	11.146	0.774	0.175	0.093	1334.4	0.125	1.947	14872.9
B-16_3	L3L_3100 SB	3774.7	3776.3	4116	4118	1.626	0.465	0.286	0.13	0.15	198.6	0.295	0.061	92.3
B-16_3	L3LB_3000 FS	3776.3	3783	4118	4125	6.738	5.112	0.759	0.161	0.089	987.2	0.072	0.824	5046.6
B-16_3	L3BR_3000 SB	3783	3790.5	4125	4133	7.438	0	0	-	-	-	-	0	0
B-16_3	Well Totals	3579.4	3790.5	3904	4133	211.103	85.01	0.403	0.179	0.075	2284.1	0.111	15.215	194172.8
B-16_3	B Pool	3633.9	3790.5	3964	4133	156.515	78.159	0.499	0.182	0.07	2458.4	0.103	14.199	192143.4

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_30Z	L1_1800 FS	3727.3	3731.1	4172	4176	3.816	3.142	0.824	0.171	0.126	1146.6	0.106	0.538	3603
B-16_30Z	L1U_1800 SB	3731.1	3743.2	4176	4189.5	12.1	0	0	-	-	-	-	0	0
B-16_30Z	L1M_1700 FS	3743.2	3757	4189.5	4205	13.857	3.576	0.258	0.162	0.143	244.4	0.134	0.578	873.9
B-16_30Z	L1M_1300 SB	3757	3768.6	4205	4218	11.6	0	0	-	-	-	-	0	0
B-16_30Z	L1MB_1200 FS	3768.6	3773.3	4218	4223.5	4.679	0	0	-	-	-	-	0	0
B-16_30Z	L1L_1100 FS	3773.3	3776	4223.5	4226.5	2.672	0	0	-	-	-	-	0	0
B-16_30Z	L1L_1100 SB	3776	3786	4226.5	4237.5	10.013	0	0	-	-	-	-	0	0
B-16_30Z	L1LB_1000 FS	3786	3788.7	4237.5	4240.5	2.668	0	0	-	-	-	-	0	0
B-16_30Z	L1LB_1000 SB	3788.7	3799.8	4240.5	4253	11.105	0	0	-	-	-	-	0	0
B-16_30Z	L2_2500 FS	3799.8	3819.7	4253	4275.5	19.906	19.022	0.956	0.175	0.062	1610.8	0.043	3.32	30640.3
B-16_30Z	MS_2000 SB	3819.7	3834.2	4275.5	4292	14.509	0	0	-	-	-	-	0	0
B-16_30Z	L3_3600 FS	3834.2	3843.4	4292	4302.5	9.217	2.195	0.238	0.151	0.106	769.4	0.069	0.331	1689
B-16_30Z	L3U_3500 FS	3843.4	3848.2	4302.5	4308	4.824	4.386	0.909	0.15	0.142	143.6	0.194	0.658	629.6
B-16_30Z	L3U_3500 SB	3848.2	3853.7	4308	4314.5	5.479	0	0	-	-	-	-	0	0
B-16_30Z	L3UB_3300 FS	3853.7	3864.5	4314.5	4326.5	10.745	9.649	0.898	0.168	0.1	1231.7	0.077	1.623	11883.9
B-16_30Z	L3UB_3300 SB	3864.5	3867.5	4326.5	4330	3.072	0	0	-	-	-	-	0	0
B-16_30Z	HIB OW	3867.5	3878.1	4330	4342	10.542	1.098	0.104	0.128	0.819	13.3	0.226	0.141	14.6
B-16_30Z	L3M_3200 FS	3878.1	3899.6	4342	4366.5	21.508	16.46	0.765	0.177	0.86	896.4	0.064	2.913	14754.5
B-16_30Z	L3M_3200 SB	3899.6	3906.1	4366.5	4374	6.572	0	0	-	-	-	-	0	0
B-16_30Z	L3L_3100 FS	3906.1	3922.5	4374	4393	16.37	14.401	0.88	0.196	0.916	1492.5	0.051	2.819	21492.4
B-16_30Z	L3L_3100 SB	3922.5	3928.4	4393	4399.5	5.87	2.173	0.37	0.18	0.86	974	0.066	0.392	2117
B-16_30Z	L3LB_3000 FS	3928.4	3936.6	4399.5	4409	8.262	7.611	0.921	0.182	0.913	1134.6	0.074	1.385	8635.2
B-16_30Z	L3BR_3000 SB	3936.6	3941	4409	4414	4.363	0.218	0.05	0.13	1	33.7	0.276	0.028	7.3
B-16_30Z	Well Totals	3727.3	3941	4172	4414	213.748	83.93	0.393	0.175	0.508	1147.9	0.074	14.726	96340.8
B-16_30Z	B Pool	3786	3941	4237.5	4414	155.012	77.212	0.498	0.176	0.539	1189.8	0.07	13.61	91863.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_31	L1_1800 FS	3820	3823.3	5401.1	5407	3.352	0.596	0.178	0.127	0.498	1.3	0.19	0.076	0.8
B-16_31	L1U_1800 SB	3823.3	3843.7	5407	5443.3	20.371	0	0	-	-	-	-	0	0
B-16_31	L1M_1700 FS	3843.7	3860.5	5443.3	5473.1	16.82	2.862	0.17	0.148	0.197	483.5	0.138	0.423	1383.7
B-16_31	L1M_1300 SB	3860.5	3868.1	5473	5486.4	7.597	0	0	-	-	-	-	0	0
B-16_31	L1MB_1200 FS	3868.1	3876.1	5486.2	5500.1	7.954	0	0	-	-	-	-	0	0
B-16_31	L1L_1100 FS	3876.1	3878.4	5500	5504.1	2.327	0.266	0.114	0.129	0.321	69.7	0.221	0.034	18.5
B-16_31	L1L_1100 SB	3878.4	3890.1	5503.9	5524	11.695	0	0	-	-	-	-	0	0
B-16_31	L1LB_1000 FS	3890.1	3894.2	5524	5531.1	4.094	0	0	-	-	-	-	0	0
B-16_31	L1LB_1000 SB	3894.2	3901.8	5531.1	5544	7.6	0	0	-	-	-	-	0	0
B-16_31	L2_2500 FS	3901.8	3919.4	5544	5574	17.624	15.024	0.853	0.182	0.107	1845.4	0.036	2.739	27726.1
B-16_31	MS 2000 SB	3919.4	3928	5574	5588.5	8.592	0.243	0.028	0.148	0.332	987.7	0.245	0.036	239.7
B-16_31	L3_3600 FS	3928	3950.8	5588.5	5626.6	22.814	0.183	0.008	0.126	0.477	17.2	0.181	0.023	3.1
B-16_31	L3U_3500 FS	3950.8	3969.5	5626.5	5657.4	18.701	16.776	0.897	0.17	0.159	1301.9	0.056	2.844	21840.3
B-16_31	L3U_3500 SB	3969.5	3973.8	5657.2	5664.3	4.271	1.581	0.37	0.157	0.329	443.8	0.166	0.248	701.4
B-16_31	L3UB_3300 FS	3973.8	3981.3	5664.3	5676.6	7.491	5.498	0.734	0.143	0.364	195.4	0.115	0.788	1074.6
B-16_31	L3UB_3300 SB	3981.3	3984.2	5676.4	5681.3	2.913	0	0	-	-	-	-	0	0
B-16_31	L3M_3200 FS	3984.2	3998.5	5681.3	5704.6	14.325	11.141	0.778	0.16	0.249	765.7	0.094	1.786	8530.8
B-16_31	L3M_3200 SB	3998.5	4007.2	5704.5	5718.5	8.68	0	0	-	-	-	-	0	0
B-16_31	L3L_3100 FS	4007.2	4028.9	5718.5	5753.9	21.676	18.186	0.839	0.172	0.231	1208	0.046	3.121	21969.1
B-16_31	L3L_3100 SB	4028.9	4029.5	5753.7	5754.8	0.609	0	0	-	-	-	-	0	0
B-16_31	L3LB_3000 FS	4029.5	4030.6	5754.8	5756.6	1.067	0.898	0.842	0.183	0.27	1545	0.068	0.165	1388.1
B-16_31	L3BR_3000 SB	4030.6	4033.8	5756.5	5761.8	3.204	0	0	-	-	-	-	0	0
B-16_31	Well Totals	3820	4033.8	5401.1	5761.8	213.775	73.254	0.343	0.168	0.202	1158.7	0.068	12.283	84876.3
B-16_31	B Pool	3890.1	4033.8	5524	5761.8	143.66	69.53	0.484	0.169	0.2	1200.5	0.063	11.75	83473.2

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_33	L1_1800 FS	3610.8	3615.5	5023.5	5029.5	4.702	3.918	0.833	0.167	0.146	468.7	0.21	0.653	1836.4
B-16_33	L1U_1800 SB	3615.5	3620.9	5029.5	5036.5	5.478	0	0	-	-	-	-	0	0
B-16_33	L1M_1700 FS	3620.9	3629.9	5036.5	5048	8.994	7.039	0.783	0.162	0.111	276	0.202	1.138	1942.8
B-16_33	L1M_1300 SB	3629.9	3638	5048	5058.5	8.05	0	0	-	-	-	-	0	0
B-16_33	L1MB_1200 FS	3638	3645.3	5058.5	5067.5	7.297	0	0	-	-	-	-	0	0
B-16_33	L1L_1100 FS	3645.3	3650.6	5067.5	5074.5	5.345	0	0	-	-	-	-	0	0
B-16_33	L1LB_1000 FS	3650.6	3655.6	5074.5	5080.5	4.971	4.771	0.96	0.168	0.106	322.4	0.174	0.803	1538.2
B-16_33	L1LB_1000 SB	3655.6	3659.6	5080.5	5085.5	3.991	0	0	-	-	-	-	0	0
B-16_33	L2_2500 FS	3659.6	3668.4	5085.5	5096.5	8.828	4.42	0.501	0.181	0.105	1325.4	0.131	0.802	5858.4
B-16_33	MS_2000 SB	3668.4	3679.9	5096.5	5111	11.524	0	0	-	-	-	-	0	0
B-16_33	L3_3600 FS	3679.9	3690.9	5111	5124.5	10.998	0	0	-	-	-	-	0	0
B-16_33	L3U_3500 FS	3690.9	3693.2	5124.5	5127	2.25	0	0	-	-	-	-	0	0
B-16_33	L3U_3500 SB	3693.2	3701	5127	5136.5	7.787	0.205	0.026	0.122	0.216	2.1	0.288	0.025	0.4
B-16_33	L3UB_3300 FS	3701	3709.8	5136.5	5147.5	8.832	5.958	0.675	0.197	0.084	2685.8	0.085	1.171	16001.4
B-16_33	L3UB_3300 SB	3709.8	3713.3	5147.5	5151.5	3.498	0	0	-	-	-	-	0	0
B-16_33	L3M_3200 FS	3713.3	3743.3	5151.5	5188	29.986	25.253	0.842	0.178	0.077	1515.7	0.101	4.507	38277.6
B-16_33	L3M_3200 SB	3743.3	3744.5	5188	5189.5	1.228	0.205	0.167	0.149	0.188	23	0.342	0.031	4.7
B-16_33	L3L_3100 FS	3744.5	3753.9	5189.5	5201	9.414	9.005	0.957	0.184	0.067	1754.5	0.064	1.659	15798.5
B-16_33	L3L_3100 SB	3753.9	3755.6	5201	5203	1.637	0	0	-	-	-	-	0	0
B-16_33	L3LB_3000 FS	3755.6	3766.8	5203	5217	11.255	9.821	0.873	0.167	0.106	840.3	0.107	1.645	8252.1
B-16_33	L3BR_3000 SB	3766.8	3768.5	5217	5219	1.644	0	0	-	-	-	-	0	0
B-16_33	Well Totals	3610.8	3768.5	5023.5	5219	157.707	70.596	0.448	0.176	0.091	1267.9	0.12	12.434	89510.7
B-16_33	B Pool	3650.6	3768.5	5074.5	5219	117.841	59.638	0.506	0.178	0.086	1437.5	0.104	10.644	85731.5

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_34Y	L1_1800 FS	3739.6	3743.1	7331	7340	3.487	2.525	0.724	0.305	0.439	3.6	0.232	0.769	9.2
B-16_34Y	L1U_1800 SB	3743.1	3755.7	7340	7375	12.569	3.563	0.284	0.19	0.181	40.2	0.29	0.676	143.4
B-16_34Y	L1M_1700 FS	3755.7	3776.9	7375	7434	21.285	9.65	0.453	0.192	0.136	181	0.271	1.855	1746.6
B-16_34Y	L1M_1300 SB	3776.9	3786.8	7434	7460.5	9.877	0	0	-	-	-	-	0	0
B-16_34Y	L1MB_1200 FS	3786.8	3794.2	7460.5	7480	7.333	0	0	-	-	-	-	0	0
B-16_34Y	L1L_1100 FS	3794.2	3800.2	7480	7495	6.045	0	0	-	-	-	-	0	0
B-16_34Y	L1L_1100 SB	3800.2	3809	7495	7516	8.761	0	0	-	-	-	-	0	0
B-16_34Y	L1LB_1000 FS	3809	3815	7516	7530	6.04	0.218	0.036	0.134	0.151	52.8	0.371	0.029	11.5
B-16_34Y	L1LB_1000 SB	3815	3819.4	7530	7540	4.392	0	0	-	-	-	-	0	0
B-16_34Y	L2_2500 FS	3819.4	3848.6	7540	7602	29.191	25.859	0.886	0.164	0.054	1482	0.05	4.25	38324.1
B-16_34Y	MS 2000 SB	3848.6	3852.5	7602	7610	3.956	0	0	-	-	-	-	0	0
B-16_34Y	L3_3600 FS	3852.5	3861.2	7610	7626.5	8.684	0	0	-	-	-	-	0	0
B-16_34Y	L3U_3500 FS	3861.2	3867.3	7626.5	7637.5	6.086	5.28	0.868	0.154	0.078	493.7	0.18	0.812	2606.8
B-16_34Y	L3U_3500 SB	3867.3	3878.7	7637.5	7658	11.368	0.829	0.073	0.146	0.123	106.9	0.235	0.121	88.6
B-16_34Y	L3UB_3300 FS	3878.7	3888.9	7658	7676	10.175	9.612	0.945	0.164	0.058	884.9	0.101	1.574	8505
B-16_34Y	L3UB_3300 SB	3888.9	3898.7	7676	7693	9.794	0.856	0.087	0.176	0.097	756.5	0.199	0.151	647.4
B-16_34Y	L3M_3200 FS	3898.7	3907.7	7693	7708.5	9.037	8.006	0.886	0.169	0.058	1281.5	0.066	1.357	10258.9
B-16_34Y	L3M_3200 SB	3907.7	3934.3	7708.5	7751.5	26.567	0.301	0.011	0.164	0.123	320	0.21	0.049	96.3
B-16_34Y	L3L_3100 FS	3934.3	3950.3	7751.5	7777.5	16.006	10.573	0.661	0.17	0.056	1489.6	0.085	1.796	15749
B-16_34Y	L3L_3100 SB	3950.3	3951.7	7777.5	7779.5	1.393	0.155	0.111	0.157	0.113	134.2	0.337	0.024	20.8
B-16_34Y	L3LB_3000 FS	3951.7	3965.3	7779.5	7801.5	13.612	13.142	0.966	0.171	0.06	1462.9	0.063	2.253	19226.4
B-16_34Y	L3BR_3000 SB	3965.3	3967.5	7801.5	7805	2.2	0	0	-	-	-	-	0	0
B-16_34Y	Well Total	3739.6	3967.5	7331	7805	227.858	85.583	0.376	0.164	0.064	1154.2	0.099	14.015	98776.4
B-16_34Y	B Pool	3809	3967.5	7516	7805	158.502	74.83	0.472	0.166	0.06	1276.7	0.081	12.416	95534.8

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_35	L1_1800 FS	3680.3	3686.1	4093	4100	5.886	3.652	0.62	0.153	0.274	40.3	0.252	0.56	147.3
B-16_35	L1U_1800 SB	3686.1	3698.9	4100	4116	12.765	0.811	0.064	0.123	0.562	0.1	0.381	0.1	0.1
B-16_35	L1M_1700 FS	3698.9	3714.8	4116	4135.5	15.91	10.872	0.683	0.166	0.268	293.7	0.211	1.809	3193.5
B-16_35	L1M_1300 SB	3714.8	3720	4135.5	4142	5.218	0.401	0.077	0.121	0.526	0.1	0.373	0.049	0
B-16_35	L1MB_1200 FS	3720	3730.1	4142	4154.5	10.063	0.805	0.08	0.145	0.311	1.3	0.379	0.116	1
B-16_35	L1L_1100 SB	3730.1	3736.5	4154.5	4162.5	6.45	0	0	-	-	-	-	0	0
B-16_35	L1LB_1000 FS	3736.5	3744.6	4162.5	4172.5	8.089	5.664	0.7	0.154	0.247	83.2	0.276	0.873	471.1
B-16_35	L1LB_1000 SB	3744.6	3748.7	4172.5	4177.5	4.066	0.61	0.15	0.133	0.491	2.3	0.308	0.081	1.4
B-16_35	L2_2500 FS	3748.7	3770.4	4177.5	4204.5	21.737	21.737	1	0.199	0.078	2527.6	0.044	4.327	54942.8
B-16_35	MS_2000 SB	3770.4	3774.7	4204.5	4209.5	4.289	0	0	-	-	-	-	0	0
B-16_35	L3_3600 FS	3774.7	3785.6	4209.5	4223	10.914	0	0	-	-	-	-	0	0
B-16_35	L3U_3500 FS	3785.6	3797.9	4223	4237.5	12.262	1.657	0.135	0.158	0.206	22.6	0.232	0.262	37.4
B-16_35	L3U_3500 SB	3797.9	3807.1	4237.5	4248.5	9.21	1.466	0.159	0.164	0.224	101.3	0.275	0.24	148.4
B-16_35	L3UB_3300 FS	3807.1	3815.9	4248.5	4259	8.805	8.805	1	0.199	0.069	2371.8	0.053	1.75	20884.4
B-16_35	L3UB_3300 SB	3815.9	3824.7	4259	4269.5	8.819	1.26	0.143	0.143	0.32	21.5	0.32	0.18	27
B-16_35	L3M_3200 FS	3824.7	3849	4269.5	4298.5	24.299	20.534	0.845	0.193	0.087	2051	0.091	3.954	42115
B-16_35	L3M_3200 SB	3849	3852	4298.5	4302	2.923	0.209	0.072	0.169	0.213	110.3	0.21	0.035	23.1
B-16_35	L3L_3100 FS	3852	3868.3	4302	4321.5	16.292	10.646	0.653	0.185	0.127	1145.5	0.115	1.969	12195.5
B-16_35	L3L_3100 SB	3868.3	3869.3	4321.5	4323	1.042	0.208	0.2	0.155	0.192	18.3	0.257	0.032	3.8
B-16_35	L3LB_3000 FS	3869.3	3872	4323	4326	2.707	2.29	0.846	0.18	0.461	970.4	0.123	0.412	2222.5
B-16_35	HIB OW	3872	3874.1	4326	4328.5	2.082	1.665	0.8	0.186	0.837	688.1	0.135	0.309	1146
B-16_35	L3BR_3000 SB	3874.1	3876.2	4328.5	4331	2.078	2.078	1	0.185	0.642	691.6	0.142	0.385	1437.5
B-16_35	Well Totals	3680.3	3876.2	4093	4331	195.905	95.373	0.487	0.183	0.169	1457.4	0.129	17.445	138998
B-16_35	B Pool	3736.5	3876.2	4162.5	4331	139.613	78.831	0.565	0.188	0.147	1720.8	0.106	14.811	135656

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_36	L1_1800 FS	3679.5	3682	9078	9081.5	2.507	0	0	-	-	-	-	0	0
B-16_36	L1U_1800 SB	3682	3696.7	9081.5	9102	14.663	1.818	0.124	0.135	0.149	0.9	0.205	0.246	1.7
B-16_36	L1M_1700 FS	3696.7	3706.8	9102	9115.5	10.095	0	0	-	-	-	-	0	0
B-16_36	L1M_1300 SB	3706.8	3714.5	9115.5	9126	7.756	0	0	-	-	-	-	0	0
B-16_36	L1MB_1200 FS	3714.5	3723.6	9126	9138.5	9.077	0	0	-	-	-	-	0	0
B-16_36	L1LB_1000 FS	3723.6	3727.9	9138.5	9144	4.271	0	0	-	-	-	-	0	0
B-16_36	L1LB_1000 SB	3727.9	3732.7	9144	9150.5	4.828	0	0	-	-	-	-	0	0
B-16_36	L2_2500 FS	3732.7	3754.8	9150.5	9180.5	22.143	19.56	0.883	0.17	0.046	2290.5	0.027	3.326	44802.4
B-16_36	MS_2000 SB	3754.8	3759.3	9180.5	9186.5	4.421	0	0	-	-	-	-	0	0
B-16_36	L3_3600 FS	3759.3	3770.5	9186.5	9202	11.26	0	0	-	-	-	-	0	0
B-16_36	L3U_3500 FS	3770.5	3776.3	9202	9209.5	5.734	2.96	0.516	0.157	0.063	1434.5	0.053	0.465	4245.9
B-16_36	L3U_3500 SB	3776.3	3781.8	9209.5	9217	5.554	0	0	-	-	-	-	0	0
B-16_36	L3UB_3300 FS	3781.8	3785.9	9217	9222.5	4.076	2.223	0.545	0.127	0.099	245.8	0.104	0.283	546.5
B-16_36	L3UB_3300 SB	3785.9	3789.6	9222.5	9227.5	3.707	0.371	0.1	0.147	0.163	3.8	0.153	0.054	1.4
B-16_36	L3M_3200 FS	3789.6	3809.2	9227.5	9254	19.642	9.633	0.49	0.149	0.114	297.7	0.128	1.439	2867.5
B-16_36	L3M_3200 SB	3809.2	3821.1	9254	9270	11.826	0	0	-	-	-	-	0	0
B-16_36	L3L_3100 FS	3821.1	3841.2	9270	9297.5	20.177	19.81	0.982	0.164	0.065	1328.5	0.032	3.257	26317.5
B-16_36	L3L_3100 SB	3841.2	3841.8	9297.5	9298.5	0.548	0	0	-	-	-	-	0	0
B-16_36	L3LB_3000 FS	3841.8	3853.4	9298.5	9314.5	11.652	11.287	0.969	0.154	0.073	792.7	0.04	1.734	8947.7
B-16_36	L3BR_3000 SB	3853.4	3858.3	9314.5	9321	4.898	0	0	-	-	-	-	0	0
B-16_36	Well Totals	3679.5	3858.3	9078	9321	178.834	67.662	0.378	0.16	0.07	1296.6	0.054	10.804	87730.5
B-16_36	B Pool	3723.6	3858.3	9138.5	9321	134.736	65.843	0.489	0.16	0.069	1332.4	0.05	10.558	87728.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_39	L1_1800 FS	3679.8	3684.5	5049.5	5054.5	4.755	2.378	0.5	0.147	0.141	99.2	0.169	0.35	235.9
B-16_39	L1U_1800 SB	3684.5	3690.7	5054.5	5061	6.184	0	0	-	-	-	-	0	0
B-16_39	L1M_1700 FS	3690.7	3699.8	5061	5070.5	9.042	0.476	0.053	0.143	0.175	15.3	0.307	0.068	7.3
B-16_39	L1M_1300 SB	3699.8	3704	5070.5	5075	4.285	0	0	-	-	-	-	0	0
B-16_39	L1MB_1200 FS	3704	3714.5	5075	5086	10.477	0	0	-	-	-	-	0	0
B-16_39	L1L_1100 SB	3714.5	3722.6	5086	5094.5	8.099	0	0	-	-	-	-	0	0
B-16_39	L1LB_1000 FS	3722.6	3727.4	5094.5	5099.5	4.765	3.336	0.7	0.162	0.107	224.4	0.165	0.54	748.7
B-16_39	L1LB_1000 SB	3727.4	3732.9	5099.5	5105.5	5.481	0	0	-	-	-	-	0	0
B-16_39	L2_2500 FS	3732.9	3750.3	5105.5	5123.5	17.409	0.954	0.055	0.141	0.173	23.8	0.233	0.135	22.7
B-16_39	MS 2000 SB	3750.3	3753.9	5123.5	5127.5	3.58	0	0	-	-	-	-	0	0
B-16_39	L3_3600 FS	3753.9	3773.2	5127.5	5147.5	19.342	0	0	-	-	-	-	0	0
B-16_39	L3U_3500 FS	3773.2	3774.6	5147.5	5149	1.432	0	0	-	-	-	-	0	0
B-16_39	L3U_3500 SB	3774.6	3781.3	5149	5156	6.683	0	0	-	-	-	-	0	0
B-16_39	L3UB_3300 FS	3781.3	3796.6	5156	5172	15.266	10.973	0.719	0.18	0.066	1233.8	0.08	1.971	13537.9
B-16_39	L3UB_3300 SB	3796.6	3802.3	5172	5178	5.722	0	0	-	-	-	-	0	0
B-16_39	L3M_3200 SB	3802.3	3827.5	5178	5204.5	25.247	0	0	-	-	-	-	0	0
B-16_39	L3L_3100 FS	3827.5	3845.6	5204.5	5223.5	18.061	15.684	0.868	0.177	0.11	585.3	0.117	2.773	9179.4
B-16_39	L3L_3100 SB	3845.6	3848.2	5223.5	5226.5	2.611	0	0	-	-	-	-	0	0
B-16_39	L3LB_3000 FS	3848.2	3857.7	5226.5	5236.5	9.487	8.539	0.9	0.176	0.098	749.6	0.098	1.502	6400.9
B-16_39	L3BR_3000 SB	3857.7	3859.8	5236.5	5238.5	2.133	0	0	-	-	-	-	0	0
B-16_39	Well Totals	3679.8	3859.8	5049.5	5238.5	180.062	42.339	0.235	0.173	0.098	711.7	0.115	7.339	30132.8
B-16_39	B Pool	3722.6	3859.8	5094.5	5238.5	137.22	39.485	0.288	0.175	0.096	757	0.11	6.921	29889.6

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_40	L1_1800 FS	3746.8	3751.5	7010	7016	4.644	3.095	0.667	0.149	0.13	103.5	0.107	0.462	320.3
B-16_40	L1U_1800 SB	3751.5	3752.4	7016	7017.5	0.97	0	0	-	-	-	-	0	0
B-16_40	L1M_1700 FS	3752.4	3770.6	7017.5	7040.5	18.164	4.305	0.237	0.126	0.165	0.5	0.252	0.542	2
B-16_40	L1M_1300 SB	3770.6	3777.7	7040.5	7049.5	7.112	0	0	-	-	-	-	0	0
B-16_40	L1MB_1200 FS	3777.7	3794.1	7049.5	7070	16.394	0	0	-	-	-	-	0	0
B-16_40	L1L_1100 FS	3794.1	3801.4	7070	7079	7.314	5.69	0.778	0.153	0.132	118.7	0.169	0.869	675.2
B-16_40	L1L_1100 SB	3801.4	3802.6	7079	7080.5	1.227	0	0	-	-	-	-	0	0
B-16_40	L1LB_1000 FS	3802.6	3805.1	7080.5	7083.5	2.46	0	0	-	-	-	-	0	0
B-16_40	L1LB_1000 SB	3805.1	3815.4	7083.5	7096	10.336	0	0	-	-	-	-	0	0
B-16_40	L2_2500 FS	3815.4	3825.4	7096	7108	10.011	0.418	0.042	0.128	0.164	1.3	0.167	0.053	0.5
B-16_40	MS 2000 SB	3825.4	3828.4	7108	7111.5	2.934	0	0	-	-	-	-	0	0
B-16_40	L3_3600 FS	3828.4	3836.4	7111.5	7121	7.996	0	0	-	-	-	-	0	0
B-16_40	L3U_3500 FS	3836.4	3843.1	7121	7129	6.748	0	0	-	-	-	-	0	0
B-16_40	L3U_3500 SB	3843.1	3847.3	7129	7134	4.218	0	0	-	-	-	-	0	0
B-16_40	L3UB_3300 FS	3847.3	3859.2	7134	7148	11.811	4.218	0.357	0.149	0.151	336.4	0.085	0.63	1419.2
B-16_40	L3UB_3300 SB	3859.2	3866.5	7148	7157	7.374	0	0	-	-	-	-	0	0
B-16_40	L3M_3200 FS	3866.5	3895.3	7157	7191	28.735	23.49	0.817	0.15	0.077	769.9	0.037	3.515	18085.6
B-16_40	L3M_3200 SB	3895.3	3902	7191	7199	6.739	0	0	-	-	-	-	0	0
B-16_40	L3L_3100 FS	3902	3904.3	7199	7202	2.321	1.688	0.727	0.158	0.113	101.2	0.119	0.266	170.9
B-16_40	L3L_3100 SB	3904.3	3905.4	7202	7203	1.056	0.211	0.2	0.175	0.084	358.7	0.073	0.037	75.7
B-16_40	L3LB_3000 FS	3905.4	3916.4	7203	7216	11.008	10.796	0.981	0.158	0.08	931.6	0.02	1.706	10057.9
B-16_40	L3BR_3000 SB	3916.4	3918.3	7216	7218.5	1.911	0	0	-	-	-	-	0	0
B-16_40	Well Totals	3746.8	3918.3	7010	7218.5	171.481	53.913	0.314	0.15	0.1	571.4	0.076	8.082	30807.5
B-16_40	B Pool	3802.6	3918.3	7080.5	7218.5	115.657	40.822	0.353	0.152	0.088	730.2	0.042	6.209	29810

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_41	L1_1800 FS	3644.4	3652.9	3844.5	3853	8.495	3	0.353	0.17	0.109	1308.8	0.107	0.51	3926.3
B-16_41	L1U_1800 SB	3652.9	3661.8	3853	3862	8.995	0	0	-	-	-	-	0	0
B-16_41	L1M_1700 FS	3661.8	3676.4	3862	3876.5	14.5	5	0.345	0.15	0.158	12.1	0.292	0.749	60.6
B-16_41	L1M_1300 SB	3676.4	3682.9	3876.5	3883	6.5	0	0	-	-	-	-	0	0
B-16_41	L1MB_1200 FS	3682.9	3694.8	3883	3895	11.991	0.5	0.042	0.146	0.18	1.1	0.32	0.073	0.5
B-16_41	L1L_1100 FS	3694.8	3698.3	3895	3898.5	3.499	0	0	-	-	-	-	0	0
B-16_41	L1L_1100 SB	3698.3	3700.3	3898.5	3900.5	2	0	0	-	-	-	-	0	0
B-16_41	L1LB_1000 FS	3700.3	3709.1	3900.5	3909.5	8.75	0.5	0.057	0.143	0.269	0.9	0.316	0.072	0.5
B-16_41	L1LB_1000 SB	3709.1	3712.3	3909.5	3912.5	3.25	0	0	-	-	-	-	0	0
B-16_41	L2_2500 FS	3712.3	3722.8	3912.5	3923	10.495	7.997	0.762	0.174	0.09	1197.2	0.125	1.393	9573.2
B-16_41	MS_2000 SB	3722.8	3730.1	3923	3930.5	7.245	0	0	-	-	-	-	0	0
B-16_41	L3_3600 FS	3730.1	3749.8	3930.5	3950	19.75	0	0	-	-	-	-	0	0
B-16_41	L3U_3500 FS	3749.8	3759.3	3950	3959.5	9.49	7.491	0.789	0.17	0.117	604.6	0.19	1.27	4529.1
B-16_41	L3U_3500 SB	3759.3	3763.3	3959.5	3963.5	4	0	0	-	-	-	-	0	0
B-16_41	L3UB_3300 FS	3763.3	3772.3	3963.5	3972.5	9	7.5	0.833	0.17	0.077	1022.5	0.073	1.275	7668.7
B-16_41	L3UB_3300 SB	3772.3	3778.3	3972.5	3978.5	6	0	0	-	-	-	-	0	0
B-16_41	L3M_3200 FS	3778.3	3801.8	3978.5	4002	23.49	14.498	0.617	0.187	0.077	2308.9	0.073	2.716	33475.1
B-16_41	L3M_3200 SB	3801.8	3810.3	4002	4010.5	8.49	0	0	-	-	-	-	0	0
B-16_41	L3L_3100 FS	3810.3	3828.3	4010.5	4028.5	18	15.75	0.875	0.195	0.055	2750.4	0.032	3.065	43319.1
B-16_41	L3L_3100 SB	3828.3	3829.6	4028.5	4030	1.25	0.25	0.2	0.126	0.201	90.2	0.203	0.031	22.5
B-16_41	L3LB_3000 FS	3829.6	3839.8	4030	4040	10.241	3.998	0.39	0.18	0.101	1440.3	0.061	0.72	5758.2
B-16_41	L3BR_3000 SB	3839.8	3843.8	4040	4044	3.999	0	0	-	-	-	-	0	0
B-16_41	Well Totals	3644.4	3843.8	3844.5	4044	199.43	66.483	0.333	0.179	0.087	1629.5	0.104	11.875	108333.9
B-16_41	B Pool	3700.3	3843.8	3900.5	4044	143.45	57.983	0.404	0.182	0.08	1799.6	0.086	10.543	104346.4

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_42	L1_1800 FS	3730.6	3734.3	4680	4684.5	3.726	0	0	-	-	-	-	0	0
B-16_42	L1U_1800 SB	3734.3	3746.4	4684.5	4698	12.075	0	0	-	-	-	-	0	0
B-16_42	L1M_1700 FS	3746.4	3766.2	4698	4720.5	19.763	2.196	0.111	0.172	0.317	106.9	0.152	0.377	234.7
B-16_42	L1M_1300 SB	3766.2	3779.8	4720.5	4736	13.654	2.645	0.194	0.147	0.209	16.7	0.288	0.388	44.1
B-16_42	L1L_1100 FS	3779.8	3784.7	4736	4741.5	4.863	0	0	-	-	-	-	0	0
B-16_42	L1L_1100 SB	3784.7	3786.7	4741.5	4744	1.992	0	0	-	-	-	-	0	0
B-16_42	L1LB_1000 FS	3786.7	3796.9	4744	4755.5	10.203	0	0	-	-	-	-	0	0
B-16_42	L1LB_1000 SB	3796.9	3817.1	4755.5	4778	20.248	1.779	0.088	0.213	0.198	1557.1	0.282	0.378	2769.8
B-16_42	L2_2500 FS	3817.1	3836.7	4778	4800	19.61	16.936	0.864	0.208	0.074	2884	0.084	3.517	48842.6
B-16_42	L3_3600 FS	3836.7	3851.2	4800	4816.5	14.478	0	0	-	-	-	-	0	0
B-16_42	L3U_3500 FS	3851.2	3871	4816.5	4838.5	19.824	9.8	0.494	0.172	0.12	992.3	0.099	1.684	9725.2
B-16_42	L3U_3500 SB	3871	3875	4838.5	4843	4.007	0	0	-	-	-	-	0	0
B-16_42	L3UB_3300 FS	3875	3885.3	4843	4854.5	10.232	9.12	0.891	0.19	0.078	2182.6	0.07	1.736	19905.1
B-16_42	L3UB_3300 SB	3885.3	3887.5	4854.5	4857	2.223	1.778	0.8	0.151	0.123	29.5	0.112	0.268	52.5
B-16_42	L3M_3200 FS	3887.5	3912.1	4857	4885	24.633	23.302	0.946	0.208	0.06	3550.9	0.045	4.838	82742.9
B-16_42	L3M_3200 SB	3912.1	3915	4885	4888	2.88	0	0	-	-	-	-	0	0
B-16_42	L3L_3100 FS	3915	3919.7	4888	4893.5	4.649	4.428	0.952	0.178	0.122	837.3	0.073	0.788	3707.7
B-16_42	L3L_3100 SB	3919.7	3923.6	4893.5	4898	3.983	0	0	-	-	-	-	0	0
B-16_42	L3LB_3000 FS	3923.6	3935.6	4898	4911.5	11.947	6.638	0.556	0.157	0.572	296.7	0.065	1.045	1969.2
B-16_42	L3BR_3000 SB	3935.6	3947.8	4911.5	4925	12.203	0	0	-	-	-	-	0	0
B-16_42	Well Totals	3730.6	3947.8	4680	4925	217.194	78.622	0.362	0.191	0.126	2162.2	0.084	15.02	169993.8
B-16_42	B Pool	3786.7	3947.8	4744	4925	161.121	73.781	0.458	0.193	0.118	2300.3	0.075	14.255	169715.1

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_43	L1_1800 FS	3552.4	3556.3	4672	4677	3.89	2.334	0.6	0.229	0.113	2159.4	0.103	0.535	5040.8
B-16_43	L1U_1800 SB	3556.3	3557.1	4677	4678	0.778	0	0	-	-	-	-	0	0
B-16_43	HIB GO	3557.1	3559.4	4678	4681	2.334	0	0	-	-	-	-	0	0
B-16_43	L1M_1700 FS	3559.4	3572	4681	4697.5	12.637	3.889	0.308	0.152	0.12	3.4	0.291	0.592	13.3
B-16_43	L1M_1300 SB	3572	3581.9	4697.5	4710	9.915	0	0	-	-	-	-	0	0
B-16_43	L1MB_1200 FS	3581.9	3589.9	4710	4720.5	7.98	0	0	-	-	-	-	0	0
B-16_43	L1L_1100 FS	3589.9	3598.7	4720.5	4731.5	8.769	0	0	-	-	-	-	0	0
B-16_43	L1LB_1000 FS	3598.7	3604.1	4731.5	4738.5	5.459	0	0	-	-	-	-	0	0
B-16_43	L2_2500 FS	3604.1	3609.6	4738.5	4745.5	5.459	3.899	0.714	0.193	0.088	768.6	0.089	0.754	2996.9
B-16_43	MS_2000 SB	3609.6	3615.5	4745.5	4753	5.849	0	0	-	-	-	-	0	0
B-16_43	L3_3600 FS	3615.5	3627.1	4753	4768	11.689	0	0	-	-	-	-	0	0
B-16_43	L3U_3500 FS	3627.1	3635.7	4768	4779	8.542	2.328	0.273	0.142	0.156	68.3	0.23	0.329	158.9
B-16_43	L3U_3500 SB	3635.7	3637.4	4779	4781.5	1.744	0	0	-	-	-	-	0	0
B-16_43	L3UB_3300 FS	3637.4	3649.6	4781.5	4797	12.172	10.43	0.857	0.182	0.051	2431.1	0.035	1.897	25356.5
B-16_43	L3UB_3300 SB	3649.6	3660.6	4797	4811.5	10.952	0	0	-	-	-	-	0	0
B-16_43	L3M_3200 FS	3660.6	3672.6	4811.5	4827	12.034	11.081	0.921	0.166	0.066	1509.1	0.083	1.843	16721.8
B-16_43	L3M_3200 SB	3672.6	3677.2	4827	4833	4.564	0.19	0.042	0.172	0.094	246.7	0.125	0.033	46.9
B-16_43	L3L_3100 FS	3677.2	3689.3	4833	4849	12.114	9.841	0.812	0.163	0.099	486.2	0.096	1.599	4784.5
B-16_43	L3L_3100 SB	3689.3	3694.4	4849	4856	5.089	0.566	0.111	0.135	0.175	21.6	0.295	0.076	12.2
B-16_43	L3LB_3000 FS	3694.4	3705.4	4856	4870.5	11.079	8.639	0.78	0.172	0.089	512.3	0.101	1.483	4425.8
B-16_43	L3BR_3000 SB	3705.4	3706.6	4870.5	4872	1.123	0	0	-	-	-	-	0	0
B-16_43	Well Totals	3552.4	3706.6	4672	4872	154.173	53.197	0.345	0.172	0.085	1119.6	0.104	9.142	59557.6
B-16_43	B Pool	3598.7	3706.6	4731.5	4872	107.869	46.974	0.435	0.171	0.08	1160.3	0.089	8.015	54503.4

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_44	L1_1800 FS	3385.8	3387.4	5413	5415	1.664	0.951	0.571	0.216	0.052	2096	0.117	0.206	1993.1
B-16_44	L1U_1800 SB	3387.4	3391	5415	5418.5	3.567	0	0	-	-	-	-	0	0
B-16_44	L1M_1700 FS	3391	3403.8	5418.5	5432	12.853	0.952	0.074	0.155	0.108	4.7	0.256	0.148	4.5
B-16_44	L1M_1300 SB	3403.8	3412.4	5432	5441	8.58	0	0	-	-	-	-	0	0
B-16_44	L1MB_1200 FS	3412.4	3422.4	5441	5451.5	10.021	0	0	-	-	-	-	0	0
B-16_44	L1L_1100 FS	3422.4	3426.3	5451.5	5455.5	3.82	0	0	-	-	-	-	0	0
B-16_44	L1LB_1000 FS	3426.3	3433	5455.5	5462.5	6.688	0	0	-	-	-	-	0	0
B-16_44	L2_2500 FS	3433	3448.5	5462.5	5479	15.537	12.908	0.831	0.213	0.05	3437.4	0.062	2.755	44371.6
B-16_44	MS_2000 SB	3448.5	3455	5479	5485.5	6.459	0	0	-	-	-	-	0	0
B-16_44	L3_3600 FS	3455	3466.4	5485.5	5497.5	11.493	0	0	-	-	-	-	0	0
B-16_44	L3U_3500 FS	3466.4	3468.8	5497.5	5500	2.396	0.479	0.2	0.149	0.222	0.6	0.373	0.071	0.3
B-16_44	L3U_3500 SB	3468.8	3472.7	5500	5504	3.834	0	0	-	-	-	-	0	0
B-16_44	L3UB_3300 FS	3472.7	3482.7	5504	5514.5	10.07	3.837	0.381	0.164	0.135	48.6	0.32	0.629	186.4
B-16_44	L3UB_3300 SB	3482.7	3495.7	5514.5	5528	12.957	0	0	-	-	-	-	0	0
B-16_44	L3M_3200 FS	3495.7	3509.9	5528	5543	14.167	13.927	0.983	0.206	0.053	2807.9	0.08	2.865	39105.6
B-16_44	L3M_3200 SB	3509.9	3513.7	5543	5547	3.843	3.843	1	0.204	0.066	1684.8	0.119	0.783	6474.2
B-16_44	L3L_3100 FS	3513.7	3527.2	5547	5561	13.452	12.971	0.964	0.205	0.044	3218.3	0.044	2.665	41744.5
B-16_44	L3L_3100 SB	3527.2	3537.7	5561	5572	10.574	7.69	0.727	0.207	0.062	3152.7	0.053	1.589	24244
B-16_44	L3LB_3000 FS	3537.7	3550	5572	5584.5	12.266	11.544	0.941	0.201	0.073	1639.3	0.138	2.317	18923.7
B-16_44	L3BR_3000 SB	3550	3551.9	5584.5	5586.5	1.925	0	0	-	-	-	-	0	0
B-16_44	HIB GO	3551.9	3552.4	5586.5	5587	0.481	0	0	-	-	-	-	0	0
B-16_44	Well Totals	3385.8	3552.4	5413	5587	166.646	69.101	0.415	0.203	0.061	2562.2	0.097	14.028	177047.8
B-16_44	B Pool	3426.3	3551.9	5455.5	5586.5	125.659	67.199	0.535	0.203	0.06	2605	0.094	13.674	175050.3

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_45	L1_1800 FS	3757.8	3761.8	4472	4476	3.993	3.494	0.875	0.156	0.102	98.7	0.231	0.544	344.7
B-16_45	L1U_1800 SB	3761.8	3767.8	4476	4482	5.992	0	0	-	-	-	-	0	0
B-16_45	L3U_3500 FS	3767.8	3787	4482	4501	19.223	15.478	0.805	0.173	0.07	1767.4	0.072	2.672	27356.6
B-16_45	L3UB_3300 SB	3787	3789.8	4501	4504	2.747	0	0	-	-	-	-	0	0
B-16_45	L3M_3200 FS	3789.8	3819	4504	4533	29.22	18.481	0.632	0.164	0.087	663.6	0.119	3.036	12264.2
B-16_45	L3M_3200 SB	3819	3824	4533	4538	4.997	0	0	-	-	-	-	0	0
B-16_45	L3L_3100 FS	3824	3832.5	4538	4546.5	8.494	7.245	0.853	0.173	0.098	793.4	0.055	1.25	5748.2
B-16_45	L3L_3100 SB	3832.5	3833.5	4546.5	4547.5	0.999	0.999	1	0.178	0.247	367	0.102	0.178	366.7
B-16_45	L3LB_3000 FS	3833.5	3844	4547.5	4558	10.493	9.244	0.881	0.193	0.064	3249.2	0.029	1.782	30034.2
B-16_45	L3BR_3000 SB	3844	3847	4558	4561	2.999	0	0	-	-	-	-	0	0
B-16_45	Well Totals	3757.8	3847	4472	4561	89.157	54.941	0.616	0.172	0.083	1385.4	0.089	9.463	76114.7
B-16_45	B Pool	3767.8	3847	4482	4561	79.172	51.447	0.6	0.174	0.087	1473	0.082	8.918	75769.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_46	L1_1800 FS	3876.1	3887.4	5185	5196.4	11.25	0.457	0.041	0.138	0.121	2.4	0.22	0.063	1.1
B-16_46	L1U_1800 SB	3887.4	3894.9	5196.2	5203.9	7.5	0	0	-	-	-	-	0	0
B-16_46	L1M_1700 FS	3894.9	3908.4	5203.7	5217.3	13.499	2.133	0.158	0.14	0.093	1.8	0.295	0.298	3.7
B-16_46	L1M_1300 SB	3908.4	3914.4	5217.3	5223.4	5.999	0	0	-	-	-	-	0	0
B-16_46	L1MB_1200 FS	3914.4	3921.4	5223.2	5230.4	6.999	0.152	0.022	0.124	0.211	0.1	0.353	0.019	0
B-16_46	L1L_1100 FS	3921.4	3923.4	5230.2	5232.3	2	0	0	-	-	-	-	0	0
B-16_46	L1L_1100 SB	3923.4	3927.9	5232.2	5236.8	4.499	0	0	-	-	-	-	0	0
B-16_46	L1LB_1000 FS	3927.9	3935.9	5236.8	5244.8	7.999	1.829	0.229	0.138	0.115	4.7	0.189	0.253	8.5
B-16_46	L1LB_1000 SB	3935.9	3941.9	5244.7	5250.8	5.999	0	0	-	-	-	-	0	0
B-16_46	L2_2500 FS	3941.9	3960.1	5250.8	5269.1	18.246	15.846	0.868	0.179	0.049	2620.3	0.044	2.839	41521.8
B-16_46	MS 2000 SB	3960.1	3966.6	5268.9	5275.6	6.498	0	0	-	-	-	-	0	0
B-16_46	L3_3600 FS	3966.6	3983.1	5275.5	5292.1	16.496	0	0	-	-	-	-	0	0
B-16_46	L3U_3500 FS	3983.1	3995.5	5291.9	5304.4	12.378	9.599	0.776	0.16	0.064	1473.8	0.068	1.54	14147.9
B-16_46	L3U_3500 SB	3995.5	3996.6	5304.4	5305.5	1.12	0	0	-	-	-	-	0	0
B-16_46	L3UB_3300 FS	3996.6	4006.6	5305.5	5315.6	9.999	8.001	0.8	0.168	0.063	1687.2	0.039	1.348	13499.6
B-16_46	L3UB_3300 SB	4006.6	4007.9	5315.6	5316.8	1.25	0	0	-	-	-	-	0	0
B-16_46	L3M_3200 FS	4007.9	4033.1	5316.8	5342.1	25.247	18.999	0.753	0.173	0.08	1530.5	0.062	3.283	29078.5
B-16_46	L3M_3200 SB	4033.1	4043.1	5341.9	5352.1	9.999	0.153	0.015	0.138	0.227	102.3	0.123	0.021	15.7
B-16_46	L3L_3100 FS	4043.1	4055.6	5352	5364.6	12.498	10.666	0.853	0.164	0.108	635.2	0.074	1.753	6775.8
B-16_46	L3L_3100 SB	4055.6	4056.4	5364.5	5365.4	0.75	0	0	-	-	-	-	0	0
B-16_46	L3LB_3000 FS	4056.4	4063.9	5365.2	5372.9	7.499	5.638	0.752	0.154	0.139	178.7	0.09	0.87	1007.6
B-16_46	L3BR_3000 SB	4063.9	4069.6	5372.7	5378.5	5.749	0	0	-	-	-	-	0	0
B-16_46	Well Totals	3876.1	4069.6	5185	5378.5	193.472	73.475	0.38	0.167	0.079	1443.5	0.072	12.287	106060.2
B-16_46	B Pool	3927.9	4069.6	5236.8	5378.5	141.726	70.732	0.499	0.168	0.078	1499.4	0.064	11.907	106055.3

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_47	L1_1800 FS	3821.8	3831.6	5087	5097	9.763	3.906	0.4	0.141	0.127	8.8	0.202	0.552	34.5
B-16_47	L1U_1800 SB	3831.6	3851.2	5097	5117	19.575	0	0	-	-	-	-	0	0
B-16_47	L1M_1700 FS	3851.2	3865.9	5117	5132	14.724	0.491	0.033	0.143	0.209	1.4	0.294	0.07	0.7
B-16_47	L1M_1300 SB	3865.9	3872.8	5132	5139	6.881	0	0	-	-	-	-	0	0
B-16_47	L1MB_1200 FS	3872.8	3877.7	5139	5144	4.918	0	0	-	-	-	-	0	0
B-16_47	L1L_1100 FS	3877.7	3883.1	5144	5149.5	5.413	0.492	0.091	0.122	0.249	0.1	0.36	0.06	0
B-16_47	L1L_1100 SB	3883.1	3887.5	5149.5	5154	4.431	0	0	-	-	-	-	0	0
B-16_47	L1LB_1000 FS	3887.5	3896.7	5154	5163.5	9.114	3.449	0.378	0.169	0.12	566.1	0.123	0.581	1952.4
B-16_47	L1LB_1000 SB	3896.7	3912.7	5163.5	5179.5	16.027	0.493	0.031	0.135	0.388	56.3	0.348	0.067	27.8
B-16_47	L2_2500 FS	3912.7	3931.4	5179.5	5198.5	18.762	14.813	0.79	0.172	0.106	970.9	0.072	2.554	14382.1
B-16_47	MS_2000 SB	3931.4	3932.9	5198.5	5200	1.482	0	0	-	-	-	-	0	0
B-16_47	HIB OW	3932.9	3935.9	5200	5203	2.965	0	0	-	-	-	-	0	0
B-16_47	L3_3600 FS	3935.9	3960.9	5203	5228.5	24.972	0	0	-	-	-	-	0	0
B-16_47	L3U_3500 FS	3960.9	3964.1	5228.5	5231.5	3.215	0.495	0.154	0.127	0.978	0.5	0.242	0.063	0.2
B-16_47	L3U_3500 SB	3964.1	3968.5	5231.5	5236	4.452	0	0	-	-	-	-	0	0
B-16_47	L3UB_3300 FS	3968.5	3980.2	5236	5248	11.627	11.38	0.979	0.184	1	2350.3	0.04	2.093	26746.1
B-16_47	L3UB_3300 SB	3980.2	3987.6	5248	5255.5	7.425	0	0	-	-	-	-	0	0
B-16_47	L3M_3200 FS	3987.6	4008.6	5255.5	5276.5	21.052	6.933	0.329	0.173	0.989	1404.3	0.069	1.199	9736.1
B-16_47	L3M_3200 SB	4008.6	4019.8	5276.5	5288	11.151	0	0	-	-	-	-	0	0
B-16_47	L3L_3100 FS	4019.8	4031.4	5288	5299.5	11.648	8.426	0.723	0.184	0.993	2272.7	0.047	1.55	19149.9
B-16_47	L3L_3100 SB	4031.4	4033.7	5299.5	5302	2.231	0	0	-	-	-	-	0	0
B-16_47	L3LB_3000 FS	4033.7	4042.8	5302	5311	9.171	5.453	0.595	0.169	0.992	833.8	0.158	0.92	4546.9
B-16_47	L3BR_3000 SB	4042.8	4044.6	5311	5313	1.735	0	0	-	-	-	-	0	0
B-16_47	Well Totals	3821.8	4044.6	5087	5313	222.734	56.33	0.253	0.172	0.645	1359.4	0.09	9.709	76576.7
B-16_47	B Pool	3887.5	4044.6	5154	5313	157.029	51.442	0.328	0.175	0.682	1487.9	0.077	9.027	76541.5

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_49Z	L1_1800 FS	3757.9	3768.4	4379	4392	10.546	0.828	0.079	0.124	0.263	14.2	0.096	0.102	11.8
B-16_49Z	L1U_1800 SB	3768.4	3776	4392	4401	7.532	0	0	-	-	-	-	0	0
B-16_49Z	L1M_1700 FS	3776	3793.5	4401	4422.5	17.506	5.089	0.291	0.146	0.172	284.8	0.2	0.744	1449.2
B-16_49Z	L1M_1300 SB	3793.5	3796.5	4422.5	4426.5	3.047	0.204	0.067	0.16	0.11	476	0.36	0.033	96.9
B-16_49Z	L1MB_1200 FS	3796.5	3806.7	4426.5	4439	10.119	0	0	-	-	-	-	0	0
B-16_49Z	L1L_1100 FS	3806.7	3810.7	4439	4444	4.048	0.405	0.1	0.145	0.233	101.3	0.244	0.059	41
B-16_49Z	L1L_1100 SB	3810.7	3816	4444	4450.5	5.262	0	0	-	-	-	-	0	0
B-16_49Z	L1LB_1000 FS	3816	3821.8	4450.5	4457.5	5.865	5.258	0.897	0.148	0.14	210.4	0.166	0.779	1106.5
B-16_49Z	L1LB_1000 SB	3821.8	3827.3	4457.5	4464.5	5.457	0	0	-	-	-	-	0	0
B-16_49Z	L2_2500 FS	3827.3	3842.4	4464.5	4483	15.148	8.48	0.56	0.171	0.1	1520.8	0.074	1.454	12896.7
B-16_49Z	MS 2000 SB	3842.4	3846.9	4483	4488.5	4.438	0	0	-	-	-	-	0	0
B-16_49Z	L3_3600 FS	3846.9	3864.2	4488.5	4510	17.321	0	0	-	-	-	-	0	0
B-16_49Z	L3U_3500 FS	3864.2	3875.4	4510	4524	11.219	6.611	0.589	0.171	0.077	1601	0.084	1.129	10583.8
B-16_49Z	L3U_3500 SB	3875.4	3876.6	4524	4525.5	1.202	0.401	0.333	0.154	0.114	235.3	0.186	0.062	94.3
B-16_49Z	L3UB_3300 FS	3876.6	3886.6	4525.5	4538	9.993	8.595	0.86	0.175	0.055	2263.7	0.07	1.502	19457.1
B-16_49Z	L3UB_3300 SB	3886.6	3891	4538	4543.5	4.377	0	0	-	-	-	-	0	0
B-16_49Z	L3M_3200 FS	3891	3903.9	4543.5	4560	12.932	5.57	0.431	0.159	0.137	484.9	0.122	0.883	2701.2
B-16_49Z	L3M_3200 SB	3903.9	3914.4	4560	4573	10.512	2.775	0.264	0.151	0.138	338.1	0.162	0.42	938
B-16_49Z	L3L_3100 FS	3914.4	3941	4573	4606.5	26.594	21.832	0.821	0.172	0.094	1662.2	0.085	3.765	36289.5
B-16_49Z	L3L_3100 SB	3941	3942.4	4606.5	4608.5	1.391	0	0	-	-	-	-	0	0
B-16_49Z	L3LB_3000 FS	3942.4	3948.6	4608.5	4616	6.162	5.168	0.839	0.153	0.118	304	0.086	0.793	1571
B-16_49Z	L3BR_3000 SB	3948.6	3953.4	4616	4622	4.789	0	0	-	-	-	-	0	0
B-16_49Z	Well Totals	3757.9	3953.4	4379	4622	195.459	71.216	0.364	0.165	0.105	1225	0.104	11.723	87237
B-16_49Z	B Pool	3816	3953.4	4450.5	4622	137.399	64.69	0.471	0.167	0.098	1323.8	0.095	10.786	85638.1

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_4Z	L1_1800 FS	3576.4	3580.2	4574	4579	3.806	0	0	-	-	-	-	0	0
B-16_4Z	L1U_1800 SB	3580.2	3585.8	4579	4586	5.605	0	0	-	-	-	-	0	0
B-16_4Z	L1M_1700 FS	3585.8	3596.4	4586	4599	10.604	3.202	0.302	0.156	0.125	355.9	0.165	0.501	1139.3
B-16_4Z	L1M_1300 SB	3596.4	3606.8	4599	4612	10.398	0	0	-	-	-	-	0	0
B-16_4Z	L1MB_1200 FS	3606.8	3615.8	4612	4623.5	8.996	0	0	-	-	-	-	0	0
B-16_4Z	L1L_1100 FS	3615.8	3620.6	4623.5	4629.5	4.798	0	0	-	-	-	-	0	0
B-16_4Z	L1L_1100 SB	3620.6	3624	4629.5	4633.5	3.399	0	0	-	-	-	-	0	0
B-16_4Z	L1LB_1000 FS	3624	3638.4	4633.5	4651.5	14.398	0	0	-	-	-	-	0	0
B-16_4Z	L2_2500 FS	3638.4	3650.6	4651.5	4667	12.207	8.406	0.689	0.185	0.045	2293.8	0.093	1.559	19280.3
B-16_4Z	MS_2000 SB	3650.6	3658.8	4667	4677	8.209	0	0	-	-	-	-	0	0
B-16_4Z	L3_3600 FS	3658.8	3664.8	4677	4684.5	6.009	0	0	-	-	-	-	0	0
B-16_4Z	L3U_3500 FS	3664.8	3670.8	4684.5	4692	6.011	4.008	0.667	0.158	0.075	493.4	0.162	0.632	1977.3
B-16_4Z	L3U_3500 SB	3670.8	3678.9	4692	4702	8.02	0.201	0.025	0.172	0.083	373.4	0.207	0.034	74.9
B-16_4Z	L3UB_3300 FS	3678.9	3689.7	4702	4715.5	10.845	9.038	0.833	0.177	0.059	1440.8	0.121	1.599	13022.3
B-16_4Z	L3UB_3300 SB	3689.7	3694.7	4715.5	4722	5.028	0	0	-	-	-	-	0	0
B-16_4Z	L3M_3200 FS	3694.7	3724.7	4722	4759	29.961	20.106	0.671	0.18	0.052	1803.3	0.09	3.614	36257
B-16_4Z	L3M_3200 SB	3724.7	3726.7	4759	4761.5	2.01	0.201	0.1	0.18	0.061	1086.3	0.135	0.036	218.4
B-16_4Z	L3L_3100 FS	3726.7	3746.2	4761.5	4786	19.512	14.282	0.732	0.18	0.06	1855.6	0.085	2.574	26502.3
B-16_4Z	L3L_3100 SB	3746.2	3748.6	4786	4789	2.418	0	0	-	-	-	-	0	0
B-16_4Z	L3LB_3000 FS	3748.6	3752.5	4789	4793.5	3.832	2.017	0.526	0.161	0.16	200.2	0.207	0.324	403.8
B-16_4Z	L3BR_3000 SB	3752.5	3754.5	4793.5	4796	2.019	0	0	-	-	-	-	0	0
B-16_4Z	Well Totals	3576.4	3754.5	4574	4796	178.085	61.459	0.345	0.177	0.062	1608.8	0.107	10.873	98875.6
B-16_4Z	B Pool	3624	3754.5	4633.5	4796	130.478	58.257	0.446	0.178	0.059	1677.7	0.104	10.373	97736.3

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_5	L1_1800 FS	3444.6	3445.8	6081	6085.5	1.226	0.545	0.444	0.152	0.094	305.6	0.202	0.083	166.5
B-16_5	L1U_1800 SB	3445.8	3453.3	6085.5	6114	7.57	0.934	0.123	0.146	0.083	78.2	0.225	0.136	73
B-16_5	L1M_1700 FS	3453.3	3459	6114	6136	5.686	1.814	0.319	0.155	0.09	316.2	0.232	0.281	573.5
B-16_5	L1M_1300 SB	3459	3472.6	6136	6192.5	13.598	0.355	0.026	0.149	0.094	109.4	0.199	0.053	38.8
B-16_5	L1MB_1200 FS	3472.6	3483.2	6192.5	6238.5	10.6	0.463	0.044	0.17	0.099	847	0.343	0.079	391.8
B-16_5	L1L_1100 FS	3483.2	3490.3	6238.5	6269	7.072	0	0	-	-	-	-	0	0
B-16_5	L1LB_1000 FS	3490.3	3496.4	6269	6296	6.049	0.684	0.113	0.173	0.176	749.8	0.194	0.118	512.7
B-16_5	L2_2500 FS	3496.4	3520.7	6296	6410.5	24.332	17.961	0.738	0.195	0.057	2953.4	0.09	3.502	53045.6
B-16_5	MS_2000 SB	3520.7	3527.8	6410.5	6443	7.07	0	0	-	-	-	-	0	0
B-16_5	L3U_3500 FS	3527.8	3535.6	6443	6479	7.847	1.842	0.235	0.161	0.083	476.8	0.213	0.297	878.2
B-16_5	L3U_3500 SB	3535.6	3536	6479	6481	0.432	0	0	-	-	-	-	0	0
B-16_5	HIB GO	3536	3539.4	6481	6496.5	3.331	0	0	-	-	-	-	0	0
B-16_5	L3UB_3300 FS	3539.4	3544.3	6496.5	6520	4.952	3.374	0.681	0.143	0.102	51.3	0.263	0.481	172.9
B-16_5	L3UB_3300 SB	3544.3	3554.2	6520	6567	9.916	0	0	-	-	-	-	0	0
B-16_5	L3M_3200 FS	3554.2	3571.5	6567	6653	17.302	16.585	0.959	0.19	0.043	2849.4	0.067	3.149	47258.9
B-16_5	L3M_3200 SB	3571.5	3590	6653	6759	18.468	0.638	0.035	0.194	0.067	2506.2	0.185	0.124	1598.6
B-16_5	L3L_3100 FS	3590	3595.7	6759	6797	5.682	2.698	0.475	0.193	0.064	2077.2	0.122	0.52	5603.5
B-16_5	L3L_3100 SB	3595.7	3596.7	6797	6804.5	1.023	0	0	-	-	-	-	0	0
B-16_5	L3LB_3000 FS	3596.7	3609.7	6804.5	6918	12.963	11.278	0.87	0.161	0.073	839.2	0.039	1.813	9464.6
B-16_5	L3BR_3000 SB	3609.7	3611.1	6918	6929	1.452	0	0	-	-	-	-	0	0
B-16_5	Well Totals	3444.6	3611.1	6081	6929	166.57	59.169	0.355	0.18	0.062	2024.3	0.101	10.636	119778.6
B-16_5	B Pool	3490.3	3611.1	6269	6929	117.486	55.059	0.469	0.182	0.061	2152.9	0.091	10.004	118535.1

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_50	L1_1800 FS	4086.2	4088.4	6518.5	6522.3	2.147	0	0	-	-	-	-	0	0
B-16_50	L1U_1800 SB	4088.4	4103.9	6522.3	6549.8	15.571	0	0	-	-	-	-	0	0
B-16_50	L1M_1700 FS	4103.9	4121.6	6549.7	6580.8	17.622	0	0	-	-	-	-	0	0
B-16_50	L1M_1300 SB	4121.6	4133.1	6580.8	6601.1	11.543	0	0	-	-	-	-	0	0
B-16_50	L1MB_1200 FS	4133.1	4149.5	6601.1	6629.9	16.422	0	0	-	-	-	-	0	0
B-16_50	L1L_1100 FS	4149.5	4154.7	6629.7	6638.8	5.121	0	0	-	-	-	-	0	0
B-16_50	L1L_1100 SB	4154.7	4156.8	6638.7	6642.5	2.13	0	0	-	-	-	-	0	0
B-16_50	L1LB_1000 FS	4156.8	4165	6642.5	6657.1	8.172	0	0	-	-	-	-	0	0
B-16_50	L1LB_1000 SB	4165	4171.1	6657	6668.1	6.117	0	0	-	-	-	-	0	0
B-16_50	L2_2500 FS	4171.1	4201.7	6668	6724	30.61	25.106	0.82	0.167	0.082	1363.7	0.037	4.194	34235.9
B-16_50	MS 2000 SB	4201.7	4205.9	6724	6731.8	4.25	0	0	-	-	-	-	0	0
B-16_50	L3_3600 FS	4205.9	4236.4	6731.8	6787.1	30.449	0.674	0.022	0.123	0.221	2.7	0.187	0.083	1.8
B-16_50	L3U_3500 FS	4236.4	4255.7	6787	6822.3	19.277	16.084	0.834	0.149	0.1	502.4	0.081	2.404	8080
B-16_50	L3U_3500 SB	4255.7	4256.7	6822.2	6824.3	1.091	0	0	-	-	-	-	0	0
B-16_50	L3UB_3300 FS	4256.7	4264.4	6824.3	6838.3	7.621	0	0	-	-	-	-	0	0
B-16_50	L3UB_3300 SB	4264.4	4269.1	6838.2	6847	4.748	2.093	0.441	0.146	0.145	153.5	0.133	0.306	321.3
B-16_50	L3M_3200 FS	4269.1	4302.4	6847	6909.1	33.312	23.315	0.7	0.156	0.109	478.6	0.096	3.626	11157.5
B-16_50	L3M_3200 SB	4302.4	4315.7	6909.1	6934.4	13.226	0.238	0.018	0.126	0.202	11	0.093	0.03	2.6
B-16_50	L3L_3100 FS	4315.7	4333.2	6934.2	6969.1	17.544	15.519	0.885	0.141	0.134	458.8	0.033	2.186	7119.5
B-16_50	L3L_3100 SB	4333.2	4333.7	6968.9	6970	0.496	0	0	-	-	-	-	0	0
B-16_50	L3LB_3000 FS	4333.7	4341.2	6970	6985.1	7.467	0.303	0.041	0.138	0.274	1.8	0.232	0.042	0.5
B-16_50	L3BR_3000 SB	4341.2	4342.7	6984.9	6988.1	1.499	0	0	-	-	-	-	0	0
B-16_50	Well Totals	4086.2	4342.7	6518.5	6988.1	256.434	83.331	0.325	0.154	0.105	731	0.066	12.871	60919.2
B-16_50	B Pool	4156.8	4342.7	6642.5	6988.1	185.878	83.331	0.448	0.154	0.105	731	0.066	12.871	60919.2

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_53	L1_1800 FS	3920.1	3930	5274	5284	9.949	0	0	-	-	-	-	0	0
B-16_53	L1U_1800 SB	3930	3936.7	5284	5290.9	6.716	0	0	-	-	-	-	0	0
B-16_53	L1M_1700 FS	3936.7	3950.9	5290.7	5305	14.179	1.365	0.096	0.146	0.142	11.4	0.153	0.199	15.6
B-16_53	L1M_1300 SB	3950.9	3954.4	5305	5308.5	3.483	0	0	-	-	-	-	0	0
B-16_53	L1MB_1200 FS	3954.4	3956.6	5308.5	5310.8	2.239	0	0	-	-	-	-	0	0
B-16_53	L1L_1100 FS	3956.6	3958.4	5310.7	5312.5	1.742	0	0	-	-	-	-	0	0
B-16_53	L1L_1100 SB	3958.4	3966.3	5312.5	5320.6	7.962	0	0	-	-	-	-	0	0
B-16_53	L1LB_1000 FS	3966.3	3970.3	5320.4	5324.6	3.982	1.365	0.343	0.137	0.149	1.5	0.274	0.187	2.1
B-16_53	L1LB_1000 SB	3970.3	3983.8	5324.6	5338.1	13.44	0	0	-	-	-	-	0	0
B-16_53	L2_2500 FS	3983.8	3995.7	5338	5350	11.948	5.007	0.419	0.17	0.066	1587.4	0.039	0.849	7949
B-16_53	MS 2000 SB	3995.7	4003.7	5350	5358.1	7.966	0	0	-	-	-	-	0	0
B-16_53	L3_3600 FS	4003.7	4021.6	5357.9	5376.1	17.927	0	0	-	-	-	-	0	0
B-16_53	L3U_3500 FS	4021.6	4030.1	5376.1	5384.6	8.467	6.355	0.751	0.16	0.101	445.7	0.124	1.019	2832.3
B-16_53	L3U_3500 SB	4030.1	4031.1	5384.4	5385.5	0.996	0	0	-	-	-	-	0	0
B-16_53	L3UB_3300 FS	4031.1	4039.5	5385.5	5394	8.467	6.16	0.727	0.168	0.082	911	0.069	1.038	5611.7
B-16_53	L3UB_3300 SB	4039.5	4046.5	5394	5401.1	6.973	0	0	-	-	-	-	0	0
B-16_53	L3M_3200 FS	4046.5	4064.7	5401.1	5419.3	18.175	14.57	0.802	0.178	0.061	2233.6	0.043	2.594	32543.7
B-16_53	L3M_3200 SB	4064.7	4080.9	5419.2	5435.7	16.179	1.062	0.066	0.132	0.186	3	0.141	0.14	3.2
B-16_53	L3L_3100 FS	4080.9	4094.8	5435.5	5449.5	13.937	10.771	0.773	0.157	0.08	1070.1	0.066	1.69	11526.8
B-16_53	L3L_3100 SB	4094.8	4096.1	5449.5	5450.9	1.244	0	0	-	-	-	-	0	0
B-16_53	L3LB_3000 FS	4096.1	4103.3	5450.7	5458.1	7.217	5.31	0.736	0.167	0.076	940.9	0.048	0.884	4996
B-16_53	L3BR_3000 SB	4103.3	4108.7	5458.1	5463.5	5.475	0	0	-	-	-	-	0	0
B-16_53	Well Totals	3920.1	4108.7	5274	5463.5	188.664	51.966	0.275	0.165	0.08	1260.1	0.072	8.599	65480.5
B-16_53	B Pool	3966.3	4108.7	5320.4	5463.5	142.394	50.601	0.355	0.166	0.079	1293.7	0.07	8.399	65464.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_55	L1_1800 FS	4110.9	4116.9	7089	7095.5	6.036	0	0	-	-	-	-	0	0
B-16_55	L1M_1300 SB	4116.9	4126.1	7095.5	7105	9.19	0	0	-	-	-	-	0	0
B-16_55	L1MB_1200 FS	4126.1	4135.5	7105	7114.5	9.45	0	0	-	-	-	-	0	0
B-16_55	L1L_1100 FS	4135.5	4141.8	7114.5	7121	6.309	0	0	-	-	-	-	0	0
B-16_55	L1L_1100 SB	4141.8	4144.8	7121	7124	2.915	0	0	-	-	-	-	0	0
B-16_55	L1LB_1000 FS	4144.8	4150.6	7124	7130	5.834	0	0	-	-	-	-	0	0
B-16_55	L1LB_1000 SB	4150.6	4155	7130	7134.5	4.379	0	0	-	-	-	-	0	0
B-16_55	L2_2500 FS	4155	4174.7	7134.5	7155	19.744	5.366	0.272	0.148	0.675	162.6	0.067	0.795	872.7
B-16_55	MS_2000 SB	4174.7	4179.1	7155	7159.5	4.394	2.441	0.556	0.145	0.612	40.7	0.116	0.354	99.4
B-16_55	L3_3600 FS	4179.1	4203.8	7159.5	7184.5	24.689	5.861	0.237	0.152	0.757	187.6	0.053	0.891	1099.3
B-16_55	L3U_3500 FS	4203.8	4218.3	7184.5	7199.5	14.447	0	0	-	-	-	-	0	0
B-16_55	L3U_3500 SB	4218.3	4219.7	7199.5	7201	1.47	1.47	1	0.147	0.062	558.5	0.053	0.217	820.8
B-16_55	L3UB_3300 FS	4219.7	4227.1	7201	7208.5	7.35	5.39	0.733	0.147	0.052	1114.6	0.043	0.795	6007.3
B-16_55	L3UB_3300 SB	4227.1	4231.5	7208.5	7213	4.411	2.45	0.556	0.156	0.063	1218	0.068	0.382	2984.6
B-16_55	L3M_3200 FS	4231.5	4259.4	7213	7241.5	27.95	21.087	0.754	0.151	0.074	507.3	0.051	3.191	10696.6
B-16_55	L3M_3200 SB	4259.4	4265.3	7241.5	7247.5	5.888	4.416	0.75	0.151	0.095	311.2	0.066	0.667	1374.2
B-16_55	L3L_3100 FS	4265.3	4274.4	7247.5	7256.5	9.08	2.454	0.27	0.152	0.183	244.8	0.064	0.372	600.7
B-16_55	L3L_3100 SB	4274.4	4277.1	7256.5	7259.5	2.7	0	0	-	-	-	-	0	0
B-16_55	L3LB_3000 FS	4277.1	4288.1	7259.5	7270.5	11.048	8.347	0.756	0.15	0.121	179.8	0.049	1.248	1500.8
B-16_55	L3BR_3000 SB	4288.1	4290.4	7270.5	7273	2.21	0.491	0.222	0.132	0.179	6.8	0.13	0.065	3.3
B-16_55	Well Totals	4110.9	4290.4	7089	7273	179.492	59.774	0.333	0.15	0.227	436	0.057	8.976	26059.7
B-16_55	B Pool	4144.8	4290.4	7124	7273	145.592	59.774	0.411	0.15	0.227	436	0.057	8.976	26059.7

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_6	L1_1800 FS	3498.7	3503	3744	3749	4.284	1.353	0.316	0.125	0.233	28.6	0.332	0.169	38.6
B-16_6	L1U_1800 SB	3503	3511.4	3749	3758	8.332	0	0	-	-	-	-	0	0
B-16_6	L1M_1700 FS	3511.4	3526.6	3758	3775	15.281	5.395	0.353	0.168	0.07	599.3	0.228	0.907	3233
B-16_6	L1M_1300 SB	3526.6	3532	3775	3781	5.387	0	0	-	-	-	-	0	0
B-16_6	L1MB_1200 FS	3532	3538.5	3781	3788.5	6.503	0	0	-	-	-	-	0	0
B-16_6	L1L_1100 FS	3538.5	3541	3788.5	3791	2.465	0	0	-	-	-	-	0	0
B-16_6	L1L_1100 SB	3541	3546.4	3791	3797	5.374	0	0	-	-	-	-	0	0
B-16_6	L1LB_1000 FS	3546.4	3555.3	3797	3807	8.952	0	0	-	-	-	-	0	0
B-16_6	L2_2500 FS	3555.3	3581.6	3807	3836.5	26.275	24.042	0.915	0.203	0.042	5194.8	0.097	4.87	124891.8
B-16_6	MS_2000 SB	3581.6	3590	3836.5	3846	8.424	0	0	-	-	-	-	0	0
B-16_6	L3_3600 FS	3590	3594.4	3846	3851	4.429	0	0	-	-	-	-	0	0
B-16_6	L3U_3500 FS	3594.4	3613.9	3851	3873	19.447	15.906	0.818	0.179	0.066	1968.5	0.157	2.844	31311.9
B-16_6	L3U_3500 SB	3613.9	3614.8	3873	3874	0.881	0	0	-	-	-	-	0	0
B-16_6	L3UB_3300 FS	3614.8	3620.1	3874	3880	5.281	4.401	0.833	0.215	0.044	7660.9	0.031	0.944	33715.6
B-16_6	HIB GO	3620.1	3622	3880	3882.5	1.98	0	0	-	-	-	-	0	0
B-16_6	L3M_3200 FS	3622	3651.2	3882.5	3915.5	29.14	21.902	0.752	0.183	0.044	2095.6	0.06	4.01	45897.1
B-16_6	L3M_3200 SB	3651.2	3653.3	3915.5	3918	2.177	0	0	-	-	-	-	0	0
B-16_6	L3L_3100 FS	3653.3	3674.8	3918	3943	21.454	20.801	0.97	0.175	0.062	1428.9	0.087	3.634	29723.5
B-16_6	L3L_3100 SB	3674.8	3676.3	3943	3944.5	1.509	0	0	-	-	-	-	0	0
B-16_6	L3LB_3000 FS	3676.3	3678.5	3944.5	3947	2.154	0.861	0.4	0.161	0.148	783.9	0.106	0.139	675.1
B-16_6	L3BR_3000 SB	3678.5	3682.8	3947	3952	4.303	0	0	-	-	-	-	0	0
B-16_6	Well Totals	3498.7	3682.8	3744	3952	184.033	94.661	0.514	0.185	0.055	2846.9	0.104	17.517	269486.6
B-16_6	B Pool	3546.4	3682.8	3797	3952	134.426	87.913	0.654	0.187	0.052	3028.2	0.093	16.441	266214.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_63	L1_1800 FS	3651.4	3657.5	5725.5	5732	6.129	0	0	-	-	-	-	0	0
B-16_63	L1U_1800 SB	3657.5	3663.4	5731.5	5738	5.872	0	0	-	-	-	-	0	0
B-16_63	L1M_1700 FS	3663.4	3672.4	5737.5	5747	8.945	1.988	0.222	0.136	0.145	23.3	0.097	0.271	46.3
B-16_63	L1M_1300 SB	3672.4	3681.1	5746.5	5755.5	8.699	0	0	-	-	-	-	0	0
B-16_63	L1MB_1200 FS	3681.1	3689.4	5755.5	5764	8.333	0	0	-	-	-	-	0	0
B-16_63	L1L_1100 FS	3689.4	3694.5	5764	5769	5.141	0	0	-	-	-	-	0	0
B-16_63	L1LB_1000 FS	3694.5	3702.1	5769	5777	7.597	6.464	0.851	0.165	0.136	266.1	0.12	1.065	1720
B-16_63	L1LB_1000 SB	3702.1	3705.1	5776.5	5780	2.943	0	0	-	-	-	-	0	0
B-16_63	L2_2500 FS	3705.1	3716.8	5779.5	5791.5	11.754	0.994	0.085	0.15	0.239	8	0.223	0.15	7.9
B-16_63	MS_2000 SB	3716.8	3718.6	5791.5	5793.5	1.81	0	0	-	-	-	-	0	0
B-16_63	L3_3600 FS	3718.6	3728.9	5793	5804	10.284	0	0	-	-	-	-	0	0
B-16_63	L3U_3500 FS	3728.9	3731	5803.5	5806	2.089	0	0	-	-	-	-	0	0
B-16_63	L3U_3500 SB	3731	3733.2	5805.5	5808	2.208	0	0	-	-	-	-	0	0
B-16_63	L3UB_3300 FS	3733.2	3747.8	5808	5822.5	14.573	14.076	0.966	0.172	0.094	1269.7	0.072	2.42	17872.5
B-16_63	L3UB_3300 SB	3747.8	3754.8	5822.5	5830	7.044	0.259	0.037	0.129	0.379	55.5	0.379	0.033	14.4
B-16_63	L3M_3200 FS	3754.8	3767.9	5829.5	5843	13.044	11.94	0.915	0.178	0.067	1814.3	0.035	2.12	21661.7
B-16_63	L3M_3200 SB	3767.9	3770.4	5842.5	5845.5	2.567	0	0	-	-	-	-	0	0
B-16_63	L3L_3100 FS	3770.4	3799	5845.5	5874	28.506	12.431	0.436	0.169	0.158	729.1	0.093	2.098	9062.7
B-16_63	L3L_3100 SB	3799	3799.9	5874	5875	0.916	0	0	-	-	-	-	0	0
B-16_63	L3LB_3000 FS	3799.9	3815.1	5875	5890.5	15.233	13.869	0.91	0.182	0.072	1630.9	0.054	2.522	22618.4
B-16_63	L3BR_3000 SB	3815.1	3816.1	5890	5891.5	0.996	0	0	-	-	-	-	0	0
B-16_63	Well Totals	3651.4	3816.1	5725.5	5891.5	164.684	62.02	0.377	0.172	0.104	1177.1	0.074	10.678	73003.9
B-16_63	B Pool	3694.5	3816.1	5769	5891.5	121.565	60.032	0.494	0.173	0.103	1215.3	0.074	10.407	72957.6

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_7	L1_1800 FS	3779.7	3784.9	5194	5202.5	5.122	0	0	-	-	-	-	0	0
B-16_7	L1U_1800 SB	3784.9	3790.3	5202.5	5211	5.414	0	0	-	-	-	-	0	0
B-16_7	L1M_1700 FS	3790.3	3805.7	5211	5236	15.423	0.308	0.02	0.123	0.111	6.1	0.215	0.038	1.9
B-16_7	L1M_1300 SB	3805.7	3811.6	5236	5245.5	5.845	0	0	-	-	-	-	0	0
B-16_7	L1MB_1200 FS	3811.6	3814.9	5245.5	5251	3.38	0	0	-	-	-	-	0	0
B-16_7	L1L_1100 FS	3814.9	3821.4	5251	5261.5	6.445	0	0	-	-	-	-	0	0
B-16_7	L1L_1100 SB	3821.4	3835.6	5261.5	5285	14.216	0	0	-	-	-	-	0	0
B-16_7	L1LB_1000 FS	3835.6	3839.6	5285	5291.5	3.956	0	0	-	-	-	-	0	0
B-16_7	L1LB_1000 SB	3839.6	3845	5291.5	5300.5	5.464	0	0	-	-	-	-	0	0
B-16_7	L2_2500 FS	3845	3869.6	5300.5	5341	24.606	22.032	0.895	0.18	0.049	1810.4	0.04	3.956	39886.9
B-16_7	MS 2000 SB	3869.6	3876.6	5341	5352.5	6.973	0	0	-	-	-	-	0	0
B-16_7	L3_3600 FS	3876.6	3886	5352.5	5368	9.451	0	0	-	-	-	-	0	0
B-16_7	L3U_3500 FS	3886	3897.4	5368	5386.5	11.362	3.999	0.352	0.165	0.091	489	0.173	0.662	1955.5
B-16_7	L3U_3500 SB	3897.4	3905.1	5386.5	5399	7.669	0	0	-	-	-	-	0	0
B-16_7	L3UB_3300 FS	3905.1	3917.3	5399	5419	12.191	9.896	0.812	0.176	0.062	1308.3	0.068	1.742	12946.6
B-16_7	L3UB_3300 SB	3917.3	3929.1	5419	5439	11.806	1.189	0.101	0.141	0.109	116.8	0.098	0.167	138.8
B-16_7	L3M_3200 FS	3929.1	3937.2	5439	5452.5	8.104	6.628	0.818	0.17	0.055	1292.3	0.051	1.127	8565.1
B-16_7	L3M_3200 SB	3937.2	3962.8	5452.5	5497	25.582	0	0	-	-	-	-	0	0
B-16_7	L3L_3100 FS	3962.8	3978.2	5497	5525	15.484	12.738	0.823	0.155	0.064	1139.3	0.035	1.981	14512.5
B-16_7	L3L_3100 SB	3978.2	3979.3	5525	5527	1.066	0	0	-	-	-	-	0	0
B-16_7	L3LB_3000 FS	3979.3	3995.3	5527	5557.5	16.027	12.474	0.778	0.165	0.071	990.8	0.025	2.063	12360.2
B-16_7	L3BR_3000 SB	3995.3	4000.8	5557.5	5568	5.455	0	0	-	-	-	-	0	0
B-16_7	Well Totals	3779.7	4000.8	5194	5568	221.042	69.264	0.313	0.169	0.062	1304.7	0.051	11.736	90367.5
B-16_7	B Pool	3835.6	4000.8	5285	5568	165.196	68.956	0.417	0.17	0.061	1310.5	0.05	11.698	90365.7

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_8	L1_1800 FS	3532.2	3535.4	6165	6169	3.107	1.165	0.375	0.142	0.284	136.2	0.285	0.165	158.8
B-16_8	L1U_1800 SB	3535.4	3537.7	6169	6172	2.337	0	0	-	-	-	-	0	0
B-16_8	L1M_1700 FS	3537.7	3550.8	6172	6189	13.15	7.066	0.537	0.153	0.133	385.2	0.217	1.082	2722
B-16_8	HIB GO	3551	3556.8	6189	6196.5	5.754	0	0	-	-	-	-	0	0
B-16_8	L1MB_1200 FS	3556.8	3560.6	6196.5	6201	3.791	0	0	-	-	-	-	0	0
B-16_8	L1L_1100 FS	3560.6	3566	6201	6208	5.415	0	0	-	-	-	-	0	0
B-16_8	L1LB_1000 FS	3566	3567	6208	6209	1.006	0.403	0.4	0.125	0.321	49.4	0.291	0.05	19.9
B-16_8	L1LB_1000 SB	3567	3570.6	6209	6213.5	3.632	0	0	-	-	-	-	0	0
B-16_8	L2_2500 FS	3570.6	3577.5	6213.5	6222	6.892	5.268	0.764	0.186	0.079	2233.7	0.059	0.981	11767.8
B-16_8	MS_2000 SB	3577.5	3582.4	6222	6228	4.889	0	0	-	-	-	-	0	0
B-16_8	L3_3600 FS	3582.4	3593.1	6228	6241	10.66	0	0	-	-	-	-	0	0
B-16_8	L3U_3500 FS	3593.1	3600.9	6241	6250.5	7.838	6.396	0.816	0.183	0.074	2189.4	0.077	1.173	14004.6
B-16_8	L3U_3500 SB	3600.9	3613.4	6250.5	6265.5	12.436	0.415	0.033	0.142	0.174	203.9	0.236	0.059	84.5
B-16_8	L3M_3200 FS	3613.4	3628.2	6265.5	6283.5	14.807	9.38	0.634	0.178	0.085	1525.9	0.089	1.674	14313.6
B-16_8	L3M_3200 SB	3628.2	3632.6	6283.5	6288.5	4.397	0	0	-	-	-	-	0	0
B-16_8	L3L_3100 FS	3632.6	3648.5	6288.5	6307.5	15.988	10.094	0.631	0.162	0.112	1029	0.116	1.634	10387
B-16_8	L3L_3100 SB	3648.5	3650.2	6307.5	6309.5	1.694	0	0	-	-	-	-	0	0
B-16_8	L3LB_3000 FS	3650.2	3662.2	6309.5	6323.5	11.928	10.65	0.893	0.187	0.072	2493.3	0.048	1.993	26553.9
B-16_8	L3BR_3000 SB	3662.2	3663	6323.5	6324.5	0.857	0	0	-	-	-	-	0	0
B-16_8	Well Totals	3532.2	3663	6165	6324.5	130.578	50.838	0.389	0.173	0.097	1573.9	0.106	8.811	80012.1
B-16_8	B Pool	3566	3663	6208	6324.5	97.024	42.606	0.439	0.178	0.087	1810.3	0.083	7.564	77131.3

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-16_9	L1_1800 FS	3690.3	3697.1	4767	4781	6.81	0.244	0.036	0.143	0.232	36	0.333	0.035	8.8
B-16_9	L1U_1800 SB	3697.1	3709.2	4781	4806	12.098	0	0	-	-	-	-	0	0
B-16_9	L1M_1700 FS	3709.2	3725.5	4806	4840.5	16.355	5.201	0.318	0.17	0.124	823.1	0.142	0.885	4281
B-16_9	L1M_1300 SB	3725.5	3730.3	4840.5	4850.5	4.743	0	0	-	-	-	-	0	0
B-16_9	L1MB_1200 FS	3730.3	3740.2	4850.5	4871.5	9.929	0	0	-	-	-	-	0	0
B-16_9	L1L_1100 FS	3740.2	3742.9	4871.5	4877	2.762	0	0	-	-	-	-	0	0
B-16_9	L1L_1100 SB	3742.9	3750.6	4877	4893	7.703	0	0	-	-	-	-	0	0
B-16_9	L1LB_1000 FS	3750.6	3753.5	4893	4899	2.893	1.206	0.417	0.172	0.103	482.6	0.157	0.207	581.9
B-16_9	L1LB_1000 SB	3753.5	3764.7	4899	4922	11.108	0	0	-	-	-	-	0	0
B-16_9	L2_2500 FS	3764.7	3791.7	4922	4978	27.073	20.892	0.772	0.194	0.051	3269.9	0.103	4.06	68314.6
B-16_9	MS 2000 SB	3791.7	3795.8	4978	4986	4.048	0	0	-	-	-	-	0	0
B-16_9	L3_3600 FS	3795.8	3817.5	4986	5030	21.751	0.741	0.034	0.188	0.094	1445.1	0.144	0.139	1070.3
B-16_9	L3U_3500 FS	3817.5	3831.2	5030	5058	13.69	5.366	0.392	0.187	0.087	1982.4	0.111	1.001	10638.2
B-16_9	L3U_3500 SB	3831.2	3834.4	5058	5064.5	3.165	0	0	-	-	-	-	0	0
B-16_9	L3UB_3300 FS	3834.4	3851.3	5064.5	5099	16.92	12.258	0.724	0.189	0.068	2647.8	0.093	2.315	32456
B-16_9	L3UB_3300 SB	3851.3	3857.2	5099	5111	5.95	0	0	-	-	-	-	0	0
B-16_9	L3M_3200 FS	3857.2	3883.4	5111	5163	26.138	17.473	0.668	0.186	0.063	2478.6	0.098	3.248	43308.2
B-16_9	L3M_3200 SB	3883.4	3890.6	5163	5177	7.174	0	0	-	-	-	-	0	0
B-16_9	L3L_3100 FS	3890.6	3904.5	5177	5204	13.915	13.53	0.972	0.204	0.054	3935.5	0.052	2.758	53245.9
B-16_9	L3L_3100 SB	3904.5	3909	5204	5213	4.513	4.513	1	0.209	0.077	5070.8	0.08	0.944	22885.7
B-16_9	L3LB_3000 FS	3909	3919.9	5213	5234	10.928	10.543	0.965	0.22	0.076	7515.9	0.048	2.321	79238.1
B-16_9	L3BR_3000 SB	3919.9	3921.5	5234	5237	1.541	0	0	-	-	-	-	0	0
B-16_9	Well Totals	3690.3	3921.5	4767	5237	231.205	91.965	0.398	0.195	0.067	3436.4	0.09	17.913	316028.7
B-16_9	B Pool	3750.6	3921.5	4893	5237	170.806	86.52	0.507	0.196	0.064	3603.1	0.086	16.993	311738.9

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
B-27	L1_1800 FS	3753.7	3758.4	3782	3787	4.739	3.492	0.737	0.152	0.17	188.9	0.078	0.53	659.7
B-27	L1U_1800 SB	3758.4	3769.4	3787	3798	10.975	0	0	-	-	-	-	0	0
B-27	L1M_1700 FS	3769.4	3777.7	3798	3806.5	8.312	0.499	0.06	0.129	0.139	211.3	0.276	0.064	105.4
B-27	L1M_1300 SB	3777.7	3780.9	3806	3809.5	3.163	0	0	-	-	-	-	0	0
B-27	L1MB_1200 FS	3780.9	3795.8	3809.5	3824.5	14.969	0	0	-	-	-	-	0	0
B-27	L1L_1100 FS	3795.8	3797.6	3824.5	3826	1.746	0	0	-	-	-	-	0	0
B-27	L1L_1100 SB	3797.6	3812.5	3826	3841	14.966	0	0	-	-	-	-	0	0
B-27	L1LB_1000 FS	3812.5	3815.5	3841	3844	2.992	0	0	-	-	-	-	0	0
B-27	L1LB_1000 SB	3815.5	3822.5	3844	3851	6.982	0	0	-	-	-	-	0	0
B-27	L2_2500 FS	3822.5	3833.2	3851	3862	10.723	2.993	0.279	0.15	0.208	206.9	0.191	0.448	619.3
B-27	MS_2000 SB	3833.2	3834.7	3862	3863.5	1.497	0	0	-	-	-	-	0	0
B-27	L3_3600 FS	3834.7	3847.7	3863.5	3876.5	12.968	0	0	-	-	-	-	0	0
B-27	L3U_3500 FS	3847.7	3858.9	3876.5	3887.5	11.222	0.499	0.044	0.149	0.271	286.3	0.125	0.074	142.8
B-27	L3U_3500 SB	3858.9	3869.9	3887.5	3898.5	10.973	0	0	-	-	-	-	0	0
B-27	L3UB_3300 FS	3869.9	3874.1	3898.5	3903	4.239	1.496	0.353	0.16	0.139	528.7	0.172	0.24	791.1
B-27	L3UB_3300 SB	3874.1	3875.6	3903	3904.5	1.496	0	0	-	-	-	-	0	0
B-27	L3M_3200 FS	3875.6	3881.4	3904.5	3910	5.733	1	0.18	0.057	0.057	1576	0.034	1.033	9036
B-27	L3M_3200 SB	3881.4	3915.3	3910	3944	33.9	2.244	0.066	0.145	0.155	90.1	0.3	0.326	202.2
B-27	L3L_3100 FS	3915.3	3921.7	3944	3950.5	6.479	1.495	0.231	0.174	0.137	944.4	0.069	0.26	1411.9
B-27	L3L_3100 SB	3921.7	3924.5	3950.5	3953.5	2.741	0	0	-	-	-	-	0	0
B-27	L3LB_3000 FS	3924.5	3932.5	3953.5	3961.5	7.972	6.477	0.813	0.177	0.444	1888.7	0.069	1.149	12233.3
B-27	L3BR_3000 SB	3932.5	3934.7	3961.5	3963.5	2.241	0	0	-	-	-	-	0	0
B-27	Well Totals	3753.7	3934.7	3782	3963.5	181.031	24.928	0.138	0.165	0.218	1011	0.109	4.125	25201.8
B-27	B Pool	3812.5	3934.7	3841	3963.5	122.16	20.937	0.171	0.169	0.227	1167.2	0.11	3.531	24436.6

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
C-96	L1_1800 FS	3748.4	3753.4	3784	3789	4.989	1.497	0.3	0.142	0.158	171.3	0.132	0.213	256.5
C-96	L1U_1800 SB	3753.4	3757.1	3789	3793	3.742	0	0	-	-	-	-	0	0
C-96	L1M_1700 FS	3757.1	3769.4	3793	3805	12.224	2.994	0.245	0.137	0.236	138.6	0.189	0.409	414.8
C-96	L1M_1300 SB	3769.4	3774.1	3805	3810	4.74	0	0	-	-	-	-	0	0
C-96	L1MB_1200 FS	3774.1	3779.8	3810	3815.5	5.738	0	0	-	-	-	-	0	0
C-96	L1L_1100 FS	3779.8	3783.8	3815.5	3819.5	3.992	0	0	-	-	-	-	0	0
C-96	L1L_1100 SB	3783.8	3795.8	3819.5	3831.5	11.974	0	0	-	-	-	-	0	0
C-96	L1LB_1000 FS	3795.8	3798.3	3831.5	3834	2.494	0	0	-	-	-	-	0	0
C-96	L1LB_1000 SB	3798.3	3807.3	3834	3843	8.98	0	0	-	-	-	-	0	0
C-96	L2_2500 FS	3807.3	3819.5	3843	3855.5	12.223	11.474	0.939	0.183	0.083	1574.4	0.071	2.104	18065
C-96	MS 2000 SB	3819.5	3823.9	3855.5	3860	4.44	0	0	-	-	-	-	0	0
C-96	L3_3600 FS	3823.9	3832.2	3859.5	3868	8.28	0	0	-	-	-	-	0	0
C-96	L3U_3500 FS	3832.2	3840.2	3868	3876	7.979	3.99	0.5	0.175	0.139	1053	0.106	0.7	4201
C-96	L3U_3500 SB	3840.2	3845.9	3876	3882	5.737	0	0	-	-	-	-	0	0
C-96	L3UB_3300 FS	3845.9	3851.7	3882	3887.5	5.734	4.986	0.87	0.178	0.15	1247	0.144	0.886	6218.2
C-96	L3UB_3300 SB	3851.7	3862.6	3887.5	3898.5	10.973	0	0	-	-	-	-	0	0
C-96	L3M_3200 FS	3862.6	3884.6	3898.5	3920.5	21.94	15.707	0.716	0.175	0.095	1105.7	0.071	2.756	17367.7
C-96	L3M_3200 SB	3884.6	3887.1	3920.5	3923	2.493	0.249	0.1	0.18	0.148	1043.1	0.265	0.045	260
C-96	L3L_3100 FS	3887.1	3902.5	3923	3938.5	15.454	12.463	0.806	0.184	0.123	2057.8	0.101	2.291	25645.6
C-96	L3L_3100 SB	3902.5	3903.5	3938.5	3939.5	0.997	0	0	-	-	-	-	0	0
C-96	L3LB_3000 FS	3903.5	3910	3939.5	3946	6.481	6.232	0.962	0.192	0.138	1950.3	0.048	1.197	12153.9
C-96	L3BR_3000 SB	3910	3918	3946	3954	7.977	0.249	0.031	0.205	0.305	2783.9	0.264	0.051	694.1
C-96	Well Totals	3748.4	3918	3784	3954	169.58	59.841	0.353	0.178	0.119	1425.1	0.092	10.653	85276.8
C-96	B Pool	3795.8	3918	3831.5	3954	122.181	55.351	0.453	0.181	0.113	1528.5	0.086	10.031	84605.5

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS MM	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
K-14	L1_1800 FS	3803.3	3806.3	3840	3843	2.992	1.496	0.5	0.14	0.189	108.9	0.131	0.21	162.8
K-14	L1U_1800 SB	3806.3	3827.3	3843	3864	20.94	0	0	-	-	-	-	0	0
K-14	L1M_1700 FS	3827.3	3838.7	3864	3875.5	11.467	0.997	0.087	0.127	0.414	11.3	0.159	0.126	11.3
K-14	L1M_1300 SB	3838.7	3847.2	3875.5	3884	8.475	0.997	0.118	0.287	0.15	0	0.347	0.286	0
K-14	L1MB_1200 FS	3847.2	3859.4	3884	3896.5	12.214	0	0	-	-	-	-	0	0
K-14	L1L_1100 FS	3859.4	3864.4	3896.5	3901.5	4.985	0	0	-	-	-	-	0	0
K-14	L1LB_1000 FS	3864.4	3873.1	3901.5	3910	8.721	8.721	1	0.184	0.101	1202.5	0.055	1.602	10487.3
K-14	L1LB_1000 SB	3873.1	3885.3	3910	3922.5	12.207	1.744	0.143	0.148	0.224	27.5	0.3	0.259	34.3
K-14	L2_2500 FS	3885.3	3909.5	3922.5	3946.5	24.16	19.179	0.794	0.203	0.075	3767.8	0.008	3.886	72261
K-14	MS_2000 SB	3909.5	3913.5	3946.5	3950.5	3.985	0.249	0.063	0.162	0.197	381	0.164	0.04	94.9
K-14	L3_3600 FS	3913.5	3926.9	3950.5	3964	13.447	0.498	0.037	0.125	0.353	12.2	0.187	0.062	6.1
K-14	L3U_3500 FS	3926.9	3939.1	3964	3976.5	12.202	6.972	0.571	0.181	0.636	2274.3	0.055	1.264	15857.2
K-14	L3U_3500 SB	3939.1	3948.1	3976.5	3985.5	8.965	0	0	-	-	-	-	0	0
K-14	L3UB_3300 FS	3948.1	3959.8	3985.5	3997	11.703	11.454	0.979	0.202	0.715	4000	0.011	2.308	45817.4
K-14	L3UB_3300 SB	3959.8	3963.3	3997	4000.5	3.486	0	0	-	-	-	-	0	0
K-14	L3M_3200 FS	3963.3	3982	4000.5	4019.5	18.675	17.43	0.933	0.172	0.952	1979.4	0.01	2.995	34501.8
K-14	L3M_3200 SB	3982	3991.7	4019.5	4029	9.71	0	0	-	-	-	-	0	0
K-14	L3L_3100 FS	3991.7	4008.9	4029	4046.5	17.177	12.945	0.754	0.194	0.876	3534.5	0.054	2.515	45756.2
K-14	L3L_3100 SB	4008.9	4013.1	4046.5	4050.5	4.231	4.231	1	0.197	0.954	3528	0.074	0.834	14928.2
K-14	L3LB_3000 FS	4013.1	4024.5	4050.5	4062	11.45	11.201	0.978	0.195	0.962	3101.8	0.041	2.184	34742.7
K-14	Well Totals	3803.3	4024.5	3840	4062	221.193	98.115	0.444	0.189	0.597	2813.7	0.042	18.573	274661.2
K-14	B Pool	3864.4	4024.5	3901.5	4062	160.121	94.625	0.591	0.19	0.61	2916.1	0.036	17.951	274487.1

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
K-18	L1_1800 FS	3705.3	3707.8	3737	3739.5	2.497	0	0	-	-	-	-	0	0
K-18	L1U_1800 SB	3707.8	3724.3	3739.5	3756	16.48	0	0	-	-	-	-	0	0
K-18	L2_2500 FS	3724.3	3726.3	3756	3758	1.997	0.999	0.5	0.132	0.222	45.5	0.347	0.132	45.4
K-18	MS_2000 SB	3726.3	3731.2	3758	3763	4.993	0	0	-	-	-	-	0	0
K-18	L3_3600 FS	3731.2	3745.2	3763	3777	13.981	0	0	-	-	-	-	0	0
K-18	L3U_3500 FS	3745.2	3746.2	3777	3778	0.998	0	0	-	-	-	-	0	0
K-18	L3U_3500 SB	3746.2	3750.2	3778	3782	3.995	0	0	-	-	-	-	0	0
K-18	L3UB_3300 FS	3750.2	3760.7	3782	3792.5	10.485	8.488	0.81	0.16	0.074	483.6	0.096	1.358	4105.1
K-18	L3UB_3300 SB	3760.7	3772.2	3792.5	3804	11.479	0.249	0.022	0.154	0.228	361.1	0.251	0.039	90.1
K-18	L3M_3200 FS	3772.2	3784.2	3804	3816	11.977	11.229	0.938	0.18	0.075	1134.9	0.103	2.019	12743.7
K-18	L3M_3200 SB	3784.2	3798.9	3816	3831	14.722	7.486	0.508	0.167	0.127	797.8	0.23	1.248	5972.2
K-18	L3L_3100 FS	3798.9	3810.4	3831	3842.5	11.476	11.476	1	0.178	0.09	1024.2	0.151	2.038	11753.2
K-18	L3L_3100 SB	3810.4	3818.1	3842.5	3850	7.734	0	0	-	-	-	-	0	0
K-18	L3LB_3000 FS	3818.1	3826.3	3850	3858.5	8.233	5.987	0.727	0.168	0.122	686.1	0.18	1.007	4108.1
K-18	L3BR_3000 SB	3826.3	3833.1	3858.5	3865	6.736	0	0	-	-	-	-	0	0
K-18	Well Totals	3705.3	3833.1	3737	3865	127.783	45.913	0.359	0.171	0.096	845.5	0.151	7.841	38817.7
K-18	B Pool	3724.3	3833.1	3756	3865	108.806	45.913	0.422	0.171	0.096	845.5	0.151	7.841	38817.7

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
O-35	L1_1800 FS	3889.6	3905.6	3914	3930	16	1.5	0.094	0.122	0.496	22.4	0.13	0.184	33.6
O-35	L1U_1800 SB	3905.6	3924.6	3930	3949	18.999	0	0	-	-	-	-	0	0
O-35	L1M_1700 FS	3924.6	3955.6	3949	3980	30.996	0	0	-	-	-	-	0	0
O-35	L1M_1300 SB	3955.6	3975.8	3980	4000.5	20.246	0	0	-	-	-	-	0	0
O-35	L1L_1100 FS	3975.8	3977.6	4000.5	4002	1.75	0	0	-	-	-	-	0	0
O-35	L1L_1100 SB	3977.6	3985.6	4002	4010	7.999	0	0	-	-	-	-	0	0
O-35	L1LB_1000 FS	3985.6	3989.6	4010	4014	3.999	0	0	-	-	-	-	0	0
O-35	L1LB_1000 SB	3989.6	4006.6	4014	4031	16.997	0	0	-	-	-	-	0	0
O-35	L2_2500 FS	4006.6	4031.6	4031	4056	24.993	18.495	0.74	0.158	0.7	1052.6	0.036	2.913	19468
O-35	MS_2000 SB	4031.6	4055.5	4056	4080	23.991	0	0	-	-	-	-	0	0
O-35	L3_3600 FS	4055.5	4059.5	4080	4084	3.998	0	0	-	-	-	-	0	0
O-35	L3U_3500 FS	4059.5	4085	4084	4109.5	25.486	5.997	0.235	0.141	0.627	643.1	0.038	0.848	3856.7
O-35	L3U_3500 SB	4085	4095	4109.5	4119.5	9.993	0	0	-	-	-	-	0	0
O-35	L3UB_3300 FS	4095	4116.5	4119.5	4141	21.488	14.992	0.698	0.148	0.799	617.7	0.079	2.221	9259.9
O-35	L3UB_3300 SB	4116.5	4130.5	4141	4155	13.992	0	0	-	-	-	-	0	0
O-35	L3M_3200 FS	4130.5	4149.5	4155	4174	18.989	3.498	0.184	0.147	0.713	658.2	0.107	0.514	2302.1
O-35	L3M_3200 SB	4149.5	4168.5	4174	4193	19	0	0	-	-	-	-	0	0
O-35	L3L_3100 FS	4168.5	4177.5	4193	4202	9	8	0.889	0.154	0.748	1030.3	0.002	1.235	8242.5
O-35	Well Totals	3889.6	4177.5	3914	4202	287.917	52.481	0.182	0.151	0.723	822.4	0.051	7.915	43162.8
O-35	B Pool	3985.6	4177.5	4010	4202	191.928	50.981	0.266	0.152	0.729	846	0.049	7.731	43129.2

Well	Interval	TOP TVDSS (M)	BASE TVDSS (M)	TOP MD (M)	BASE MD (M)	GROSS (M)	NET (M)	NET/GROSS M/M	PHI_HIB V/V	SW_HIB V/V	KSWITCH MD	VSH_HIB V/V	PHI_HIB-H (V/V)M	KSWITCH-H MDM
P-15	L1_1800 FS	3723.2	3727.5	3742	3746	4.24	3.492	0.824	0.181	0.1	28060	0.101	0.631	97981.5
P-15	L1U_1800 SB	3727.5	3736.5	3746	3755	8.979	0	0	-	-	-	-	0	0
P-15	L1M_1700 FS	3736.5	3753.4	3755	3772	16.961	3.492	0.206	0.148	0.162	76.3	0.264	0.516	266.4
P-15	L1M_1300 SB	3753.4	3756.4	3772	3775	2.993	0	0	-	-	-	-	0	0
P-15	L1MB_1200 FS	3756.4	3763.9	3775	3782.5	7.483	0	0	-	-	-	-	0	0
P-15	L1L_1100 FS	3763.9	3771.4	3782.5	3790	7.483	0	0	-	-	-	-	0	0
P-15	L1LB_1000 FS	3771.4	3782.6	3790	3801.5	11.224	0	0	-	-	-	-	0	0
P-15	L1LB_1000 SB	3782.6	3785.4	3801.5	3804	2.744	0	0	-	-	-	-	0	0
P-15	L2_2500 FS	3785.4	3802.8	3804	3821.5	17.459	16.961	0.971	0.175	0.08	740.5	0.079	2.965	12559
P-15	L3_3600 FS	3802.8	3819.8	3821.5	3838.5	16.961	0	0	-	-	-	-	0	0
P-15	L3U_3500 FS	3819.8	3827.3	3838.5	3846	7.483	6.485	0.867	0.176	0.089	1300	0.06	1.141	8430.5
P-15	L3U_3500 SB	3827.3	3831.2	3846	3850	3.991	0.249	0.063	0.144	0.17	117	0.299	0.036	29.2
P-15	L3UB_3300 FS	3831.2	3840	3850	3859	8.73	8.73	1	0.179	0.113	1307.7	0.063	1.565	11416
P-15	L3UB_3300 SB	3840	3846.5	3859	3865.5	6.485	0	0	-	-	-	-	0	0
P-15	L3M_3200 FS	3846.5	3868.2	3865.5	3887	21.7	14.965	0.69	0.176	0.519	1557.5	0.078	2.628	23308.4
P-15	L3M_3200 SB	3868.2	3872.2	3887	3891	3.991	0	0	-	-	-	-	0	0
P-15	L3L_3100 FS	3872.2	3896.1	3891	3915	23.945	19.705	0.823	0.171	0.887	1410.4	0.079	3.375	27790.7
P-15	L3L_3100 SB	3896.1	3896.6	3915	3915.5	0.499	0.249	0.5	0.144	0.993	39.5	0.27	0.036	9.8
P-15	L3LB_3000 FS	3896.6	3901.6	3915.5	3920.5	4.989	1.995	0.4	0.156	0.742	394.6	0.065	0.31	787.5
P-15	L3BR_3000 SB	3901.6	3914.1	3920.5	3933	12.471	0	0	-	-	-	-	0	0
P-15	Well Totals	3723.2	3914.1	3742	3933	190.808	76.323	0.4	0.173	0.401	2392.2	0.086	13.203	182579
P-15	B Pool	3771.4	3914.1	3790	3933	142.67	69.34	0.486	0.174	0.427	1216.2	0.076	12.056	84331.1