



Weatherford

30-015-44261

End of Well Report

Well Planning & Completions

Mewbourne Oil Co.

**NM OIL CONSERVATION
ARTESIA DISTRICT**

JAN 15 2019

RECEIVED

Rig: Patterson 217
Well: Chicago 9_8 W0IL Fee Com 1H
County: Eddy
State: New Mexico
Date: July 4, 2018
Report By: Ty Hardin

Start Date: June 5, 2018
End Date: July 4, 2018



**MEWBOURNE
OIL COMPANY**



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WELL PLAN

SECTION 1



MEWBOURNE
OIL COMPANY

5D Plan Report

Mewbourne Oil Company

Field Name: *Mewbourne Oil Company (Nad 83 NMEZ)*

Site Name: *Chicago 9/8 Pad*

Well Name: *Chicago 9/8 W0IL Fee Com 1H*

File number: *13142464*

Plan: *P4:V2*

27 June 2018



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Chicago 9/8 W0IL Fee Com 1H

Field Name: Mewbourne Oil Company (Nad 83 NMEZ)	Map Units: US ft		Company Name: Mewbourne Oil Company	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)			
	Comment:			
Site: Chicago 9/8 Pad	Units: US ft	North Reference: Grid	Convergence Angle: 0.13	
	Position:	Northing: 448841.00 US ft	Latitude: 32.23	
		Easting: 618064.80 US ft	Longitude: -104.09	
	Elevation above MSL:3009.00 US ft			
Comment: Eddy Co., New Mexico				
Slot: Chicago 9/8 W0IL Fee Com 1H	Position (Relative to Site Centre)			
	+N/-S: -50.00 US ft	Northing: 448791.00 US ft	Latitude: 32.23	
	+E/-W: 0.30 US ft	Easting: 618065.10 US ft	Longitude: -104.09	
	Slot TVD Reference: Ground Elevation			
	Elevation above MSL: 3010.00 US ft			
	Comment:			
Well: Chicago 9/8 W0IL Fee Com 1H	Type:Main well		UWI:	Plan:P4:V2
	File Number: 13142464	Comment: Patterson 217		
	Closure Distance:9949.87US ft		Closure Azimuth:264.75°	
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00 US ft		+E/-W: 0.00 US ft	Az: 269.16°
	Magnetic Parameters:			
	Model: bggm2017	Field Strength: 47856.0nT	Declination: 7.18°	Dip: 59.94°
				Date: 10/May/2018

Drill floor: Plan: P4:V2

Rig Height (Drill Floor): 27.00 US ft **Elevation above MSL:** 3037.00 US ft **Inclination:** 0.00° **Azimuth:** 0.00°

Target set: W0IL FC1 Comment:

Target Name:	Shape:	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	C.Pt.Distance (US ft)	Comment
T0	Point	9381.00	-878.61	-7978.30	447912.39	610086.80	0.00	
T1	Point	9371.00	-888.69	-8478.01	447902.31	609587.09	0.00	
T2	Point	9361.00	-896.05	-8977.86	447894.95	609087.24	0.00	
T3	Point	9351.00	-903.38	-9477.70	447887.62	608587.40	0.01	
PBHL	Point	9342.58	-909.70	-9908.20	447881.30	608156.90	0.01	

Casing Points: (Relative to Slot centre)(TVD relative to Drill Floor)

Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)
9 5/8 in	9702.00	79.27	271.93	9470.30	-766.85	-389.71	448024.15	617675.39

Wellpath created using minimum curvature.

5D Plan Report

Tie Point:										
MD: 0.00USFt		Inclination: 0.00°		Azimuth: 0.00°		TVD: 0.00USFt		North Offset: 0.00USFt		East Offset: 0.00USFt
Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	-0.00	0.00	0.00	448791.00	618065.10	0.00	
100.00	0.12	261.74	100.00	0.10	-0.02	-0.10	448790.98	618065.00	0.12	
164.00	0.25	55.89	164.00	0.05	0.05	-0.05	448791.05	618065.05	0.57	
312.00	0.70	346.55	312.00	-0.02	1.11	0.00	448792.11	618065.10	0.44	First WFT MWD Svy
431.00	0.95	351.18	430.98	0.28	2.80	-0.32	448793.80	618064.78	0.22	
552.00	1.07	178.32	551.98	0.40	2.66	-0.44	448793.66	618064.66	1.67	
674.00	2.92	186.44	673.90	0.78	-1.57	-0.75	448789.43	618064.35	1.53	
776.00	3.84	183.98	775.72	1.39	-7.56	-1.28	448783.44	618063.82	0.91	
839.00	4.70	184.95	838.54	1.83	-12.23	-1.65	448778.77	618063.45	1.37	
966.00	3.99	185.87	965.18	2.87	-21.81	-2.55	448769.19	618062.55	0.56	
1092.00	5.57	181.33	1090.74	3.62	-32.29	-3.14	448758.71	618061.96	1.29	
1216.00	5.36	178.26	1214.17	3.75	-44.09	-3.11	448746.91	618061.99	0.29	
1343.00	4.84	176.42	1340.67	3.40	-55.37	-2.59	448735.63	618062.51	0.43	
1469.00	3.87	180.49	1466.30	3.25	-64.93	-2.30	448726.07	618062.80	0.81	
1596.00	4.12	181.14	1593.00	3.50	-73.77	-2.42	448717.23	618062.68	0.20	
1726.00	4.87	186.20	1722.60	4.34	-83.93	-3.11	448707.07	618061.99	0.65	
1821.00	5.93	185.16	1817.17	5.35	-92.83	-3.99	448698.17	618061.11	1.12	
1916.00	6.40	177.13	1911.62	5.67	-103.00	-4.17	448688.00	618060.93	1.03	
2011.00	5.58	174.34	2006.11	5.10	-112.89	-3.44	448678.11	618061.66	0.92	
2106.00	5.35	170.81	2100.67	4.07	-121.85	-2.28	448669.15	618062.82	0.43	
2201.00	5.65	163.52	2195.24	2.16	-130.71	-0.25	448660.29	618064.85	0.80	
2296.00	5.23	168.46	2289.81	0.10	-139.44	1.94	448651.56	618067.04	0.66	
2391.00	4.49	185.73	2384.47	-0.28	-147.38	2.44	448643.62	618067.54	1.72	
2583.00	4.06	187.81	2575.94	1.60	-161.59	0.77	448629.41	618065.87	0.24	
2678.00	3.89	191.43	2670.71	2.79	-168.08	-0.33	448622.92	618064.77	0.32	
2773.00	5.04	179.44	2765.42	3.50	-175.41	-0.93	448615.59	618064.17	1.55	
2868.00	5.43	177.84	2860.03	3.42	-184.08	-0.72	448606.92	618064.38	0.44	
2962.00	5.25	177.48	2953.62	3.19	-192.82	-0.36	448598.18	618064.74	0.19	
3057.00	5.13	179.79	3048.23	3.11	-201.41	-0.15	448589.59	618064.95	0.25	
3152.00	5.26	181.89	3142.84	3.36	-210.01	-0.28	448580.99	618064.82	0.24	
3247.00	5.05	183.03	3237.45	3.85	-218.54	-0.65	448572.46	618064.45	0.25	
3342.00	4.62	181.86	3332.12	4.31	-226.54	-0.99	448564.46	618064.11	0.46	
3437.00	4.35	183.39	3426.82	4.76	-233.96	-1.33	448557.04	618063.77	0.31	
3532.00	5.22	178.83	3521.49	5.00	-241.87	-1.45	448549.13	618063.65	1.00	
3627.00	5.45	177.86	3616.08	4.87	-250.70	-1.20	448540.30	618063.90	0.26	
3722.00	5.26	179.43	3710.67	4.79	-259.56	-0.99	448531.44	618064.11	0.25	
3817.00	5.06	178.88	3805.28	4.79	-268.11	-0.86	448522.89	618064.24	0.22	
3912.00	4.89	180.00	3899.92	4.83	-276.35	-0.78	448514.65	618064.32	0.21	
4007.00	4.56	181.12	3994.60	5.02	-284.17	-0.85	448506.83	618064.25	0.36	
4102.00	5.33	180.60	4089.25	5.26	-292.36	-0.97	448498.64	618064.13	0.81	
4197.00	5.25	180.61	4183.84	5.48	-301.12	-1.06	448489.88	618064.04	0.08	
4292.00	5.05	181.60	4278.46	5.77	-309.64	-1.23	448481.36	618063.87	0.23	
4386.00	4.99	182.83	4372.10	6.20	-317.86	-1.54	448473.14	618063.56	0.13	
4482.00	4.95	183.42	4467.74	6.78	-326.16	-2.00	448464.84	618063.10	0.07	
4577.00	4.76	182.19	4562.40	7.29	-334.19	-2.39	448456.81	618062.71	0.23	
4672.00	5.66	186.72	4657.00	8.12	-342.79	-3.09	448448.21	618062.01	1.04	
4766.00	5.60	186.79	4750.55	9.34	-351.94	-4.18	448439.06	618060.92	0.06	
4862.00	4.95	187.99	4846.14	10.59	-360.70	-5.31	448430.30	618059.79	0.69	
4956.00	4.41	189.80	4939.83	11.88	-368.27	-6.49	448422.73	618058.61	0.60	
5051.00	4.85	180.92	5034.52	12.68	-375.89	-7.17	448415.11	618057.93	0.88	
5146.00	4.82	180.63	5129.18	12.91	-383.90	-7.28	448407.10	618057.82	0.04	
5241.00	4.60	182.32	5223.86	13.22	-391.69	-7.48	448399.31	618057.62	0.27	
5336.00	4.22	184.57	5318.58	13.76	-398.98	-7.91	448392.02	618057.19	0.44	
5431.00	5.10	178.19	5413.26	14.02	-406.69	-8.06	448384.31	618057.04	1.07	
5526.00	4.71	179.26	5507.92	13.95	-414.81	-7.87	448376.19	618057.23	0.42	

5D Plan Report

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
5621.00	4.72	180.20	5602.60	14.03	-422.62	-7.84	448368.38	618057.26	0.08	
5716.00	4.47	180.17	5697.29	14.17	-430.23	-7.86	448360.77	618057.24	0.26	
5810.00	5.50	178.97	5790.93	14.22	-438.40	-7.79	448352.60	618057.31	1.10	
5905.00	5.25	179.93	5885.52	14.26	-447.29	-7.70	448343.71	618057.40	0.28	
6000.00	5.05	181.22	5980.13	14.47	-455.82	-7.79	448335.18	618057.31	0.24	
6095.00	4.59	186.39	6074.80	15.10	-463.78	-8.30	448327.22	618056.80	0.67	
6190.00	4.51	185.15	6169.50	15.96	-471.28	-9.06	448319.72	618056.04	0.13	
6285.00	4.71	174.96	6264.19	16.07	-478.88	-9.05	448312.12	618056.05	0.89	
6380.00	4.99	184.72	6358.85	16.18	-486.88	-9.05	448304.12	618056.05	0.92	
6475.00	4.02	201.60	6453.56	17.85	-494.10	-10.61	448296.90	618054.49	1.72	
6569.00	3.72	193.24	6547.35	19.85	-500.13	-12.52	448290.87	618052.58	0.68	
6664.00	4.34	187.80	6642.11	21.14	-506.69	-13.72	448284.31	618051.38	0.77	
6759.00	5.18	169.22	6736.79	20.94	-514.47	-13.40	448276.53	618051.70	1.84	
6854.00	3.27	191.18	6831.53	20.77	-521.34	-13.13	448269.66	618051.97	2.60	
6949.00	4.54	177.57	6926.31	21.23	-527.75	-13.49	448263.25	618051.61	1.65	
7043.00	6.41	168.14	7019.88	20.12	-536.61	-12.26	448254.39	618052.84	2.20	
7138.00	6.73	168.39	7114.26	18.07	-547.25	-10.05	448243.75	618055.05	0.34	
7233.00	5.29	174.15	7208.73	16.64	-557.06	-8.48	448233.94	618056.62	1.64	
7327.00	5.35	175.61	7302.33	16.00	-565.74	-7.70	448225.26	618057.40	0.16	
7421.00	6.24	180.22	7395.85	15.82	-575.22	-7.39	448215.78	618057.71	1.07	
7516.00	5.44	187.14	7490.36	16.54	-584.85	-7.97	448206.15	618057.13	1.12	
7611.00	6.26	183.12	7584.86	17.52	-594.49	-8.81	448196.51	618056.29	0.96	
7706.00	5.50	179.70	7679.36	17.92	-604.21	-9.07	448186.79	618056.03	0.88	
7800.00	5.11	181.97	7772.96	18.17	-612.90	-9.19	448178.10	618055.91	0.47	
7895.00	5.19	174.46	7867.58	18.03	-621.41	-8.92	448169.59	618056.18	0.71	
7990.00	5.76	167.86	7962.14	16.74	-630.34	-7.50	448160.66	618057.60	0.89	
8085.00	5.31	166.89	8056.70	14.87	-639.29	-5.50	448151.71	618059.60	0.48	
8181.00	4.24	170.52	8152.36	13.39	-647.11	-3.91	448143.89	618061.19	1.16	
8276.00	4.54	179.05	8247.09	12.86	-654.34	-3.27	448136.66	618061.83	0.76	
8371.00	5.25	180.77	8341.74	12.97	-662.44	-3.26	448128.56	618061.84	0.76	
8465.00	5.54	184.86	8435.32	13.55	-671.26	-3.70	448119.74	618061.40	0.51	
8521.00	5.06	186.49	8491.08	14.13	-676.41	-4.21	448114.59	618060.89	0.90	
8616.00	7.24	180.08	8585.53	14.76	-686.56	-4.69	448104.44	618060.41	2.40	
8711.00	5.58	174.11	8679.94	14.45	-697.14	-4.23	448093.86	618060.87	1.88	
8805.00	4.19	172.24	8773.59	13.63	-705.09	-3.30	448085.91	618061.80	1.49	
8900.00	4.01	182.86	8868.35	13.43	-711.85	-2.99	448079.15	618062.11	0.82	
8999.00	3.89	187.75	8967.12	14.15	-718.63	-3.62	448072.37	618061.48	0.36	
9030.00	3.80	191.68	8998.05	14.53	-720.68	-3.97	448070.32	618061.13	0.90	
9062.00	6.90	200.60	9029.90	15.47	-723.52	-4.86	448067.48	618060.24	10.00	
9094.00	9.26	217.04	9061.59	17.75	-727.37	-7.09	448063.63	618058.01	10.25	
9124.00	12.32	236.23	9091.06	21.92	-731.08	-11.20	448059.92	618053.90	15.60	
9156.00	15.87	237.94	9122.10	28.53	-735.30	-17.75	448055.70	618047.35	11.17	
9188.00	18.64	238.40	9152.65	36.67	-740.31	-25.82	448050.69	618039.28	8.67	
9219.00	20.93	241.63	9181.82	45.84	-745.53	-34.91	448045.47	618030.19	8.18	
9251.00	24.79	249.65	9211.31	57.24	-750.59	-46.24	448040.41	618018.86	15.48	
9283.00	28.26	254.36	9239.94	70.89	-754.96	-59.83	448036.04	618005.27	12.67	
9314.00	32.36	258.27	9266.70	86.14	-758.63	-75.03	448032.37	617990.07	14.67	
9346.00	36.08	260.22	9293.16	103.86	-761.97	-92.70	448029.03	617972.40	12.12	
9378.00	39.06	260.73	9318.52	123.15	-765.20	-111.94	448025.80	617953.16	9.36	
9409.00	44.91	263.64	9341.55	143.72	-767.99	-132.48	448023.01	617932.62	19.88	
9441.00	49.12	265.45	9363.37	167.05	-770.20	-155.78	448020.80	617909.32	13.79	
9473.00	52.14	268.75	9383.67	191.76	-771.43	-180.47	448019.57	617884.63	12.35	
9504.00	56.64	270.58	9401.71	216.96	-771.57	-205.67	448019.43	617859.43	15.29	
9536.00	61.12	270.84	9418.25	244.34	-771.23	-233.05	448019.77	617832.05	14.02	
9568.00	64.79	270.84	9432.79	272.82	-770.81	-261.55	448020.19	617803.55	11.47	
9600.00	69.66	271.69	9445.18	302.30	-770.16	-291.04	448020.84	617774.06	15.41	
9631.00	74.28	271.91	9454.77	331.73	-769.23	-320.49	448021.77	617744.61	14.92	
9642.00	76.22	272.02	9457.57	342.36	-768.87	-331.12	448022.13	617733.98	17.66	
9782.00	83.34	271.81	9482.39	479.89	-764.27	-468.73	448026.73	617596.37	5.09	

5D Plan Report

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
9877.00	90.49	268.21	9487.51	574.66	-764.26	-563.52	448026.74	617501.58	8.42	
9972.00	90.91	266.42	9486.35	669.60	-768.71	-658.40	448022.29	617406.70	1.94	
10066.00	92.17	267.26	9483.82	763.49	-773.89	-752.22	448017.11	617312.88	1.61	
10161.00	92.52	266.83	9479.93	858.34	-778.78	-847.02	448012.22	617218.08	0.58	
10256.00	92.10	266.13	9476.10	953.16	-784.61	-941.76	448006.39	617123.34	0.86	
10351.00	87.55	264.33	9476.39	1047.91	-792.51	-1036.40	447998.49	617028.70	5.15	
10446.00	88.81	265.73	9479.41	1142.61	-800.73	-1130.99	447990.27	616934.11	1.98	
10541.00	91.75	267.05	9478.95	1237.49	-806.71	-1225.79	447984.29	616839.31	3.39	
10636.00	88.04	266.92	9479.12	1332.40	-811.71	-1320.64	447979.29	616744.46	3.91	
10731.00	92.24	268.42	9478.89	1427.35	-815.57	-1415.54	447975.43	616649.56	4.69	
10825.00	92.52	269.42	9474.98	1521.26	-817.34	-1509.44	447973.66	616555.66	1.10	
10920.00	88.25	269.70	9474.35	1616.24	-818.07	-1604.42	447972.93	616460.68	4.50	
11015.00	94.48	273.03	9472.08	1711.08	-815.81	-1699.30	447975.19	616365.80	7.43	
11110.00	93.57	272.12	9465.42	1805.67	-811.56	-1793.97	447979.44	616271.13	1.35	
11205.00	92.73	271.48	9460.19	1900.43	-808.58	-1888.78	447982.42	616176.32	1.11	
11300.00	88.95	270.75	9458.80	1995.35	-806.73	-1983.73	447984.27	616081.37	4.05	
11395.00	89.79	271.56	9459.85	2090.28	-804.81	-2078.70	447986.19	615986.40	1.23	
11489.00	91.61	272.06	9458.70	2184.17	-801.85	-2172.65	447989.15	615892.45	2.01	
11584.00	87.90	270.77	9459.10	2279.08	-799.50	-2267.60	447991.50	615797.50	4.13	
11679.00	91.26	269.91	9459.80	2374.04	-798.94	-2362.58	447992.06	615702.52	3.65	
11773.00	91.68	269.81	9457.39	2468.00	-799.17	-2456.55	447991.83	615608.55	0.46	
11868.00	90.00	269.54	9456.00	2562.98	-799.71	-2551.53	447991.29	615513.57	1.79	
11963.00	92.10	269.71	9454.26	2657.96	-800.33	-2646.51	447990.67	615418.59	2.22	
12058.00	92.31	268.88	9450.60	2752.89	-801.50	-2741.43	447989.50	615323.67	0.90	
12153.00	91.26	269.38	9447.64	2847.84	-802.94	-2836.37	447988.06	615228.73	1.22	
12248.00	90.07	268.48	9446.54	2942.83	-804.71	-2931.35	447986.29	615133.75	1.57	
12343.00	89.09	267.63	9447.24	3037.81	-807.94	-3026.29	447983.06	615038.81	1.37	
12438.00	92.94	269.49	9445.55	3132.76	-810.32	-3121.22	447980.68	614943.88	4.50	
12533.00	86.15	267.47	9446.31	3227.69	-812.84	-3216.12	447978.16	614848.98	7.46	
12628.00	87.69	267.18	9451.41	3322.51	-817.27	-3310.88	447973.73	614754.22	1.65	
12723.00	90.98	268.74	9452.51	3417.46	-820.65	-3405.80	447970.35	614659.30	3.83	
12819.00	91.47	268.78	9450.46	3513.44	-822.72	-3501.75	447968.28	614563.35	0.51	
12914.00	90.49	268.53	9448.84	3608.42	-824.95	-3596.71	447966.05	614468.39	1.06	
13009.00	91.26	269.73	9447.39	3703.41	-826.40	-3691.69	447964.60	614373.41	1.50	
13104.00	89.37	269.44	9446.86	3798.40	-827.08	-3786.68	447963.92	614278.42	2.01	
13198.00	90.98	269.42	9446.58	3892.39	-828.02	-3880.67	447962.98	614184.43	1.71	
13293.00	89.23	268.86	9446.40	3987.39	-829.45	-3975.66	447961.55	614089.44	1.93	
13388.00	90.07	268.50	9446.98	4082.38	-831.63	-4070.63	447959.37	613994.47	0.96	
13483.00	91.12	268.81	9446.00	4177.37	-833.86	-4165.59	447957.14	613899.51	1.15	
13578.00	89.93	268.23	9445.13	4272.36	-836.32	-4260.56	447954.68	613804.54	1.39	
13673.00	90.63	268.33	9444.66	4367.35	-839.17	-4355.51	447951.83	613709.59	0.74	
13769.00	89.44	268.06	9444.60	4463.33	-842.19	-4451.46	447948.81	613613.64	1.27	
13864.00	91.89	268.83	9443.50	4558.31	-844.77	-4546.41	447946.23	613518.69	2.70	
13959.00	90.56	268.32	9441.47	4653.28	-847.13	-4641.36	447943.87	613423.74	1.50	
14054.00	89.23	267.51	9441.64	4748.25	-850.59	-4736.29	447940.41	613328.81	1.64	
14149.00	90.28	269.19	9442.05	4843.24	-853.32	-4831.25	447937.68	613233.85	2.09	
14244.00	90.28	269.21	9441.59	4938.24	-854.65	-4926.24	447936.35	613138.86	0.02	
14339.00	88.95	268.37	9442.22	5033.23	-856.66	-5021.21	447934.34	613043.89	1.66	
14434.00	92.31	269.23	9441.18	5128.21	-858.65	-5116.17	447932.35	612948.93	3.65	
14529.00	89.09	267.23	9440.02	5223.17	-861.58	-5211.10	447929.42	612854.00	3.99	
14624.00	92.03	267.33	9439.09	5318.11	-866.09	-5305.98	447924.91	612759.12	3.10	
14718.00	88.95	266.50	9438.29	5412.02	-871.15	-5399.83	447919.85	612665.27	3.39	
14812.00	93.99	268.79	9435.88	5505.92	-875.01	-5493.68	447915.99	612571.42	5.89	
14908.00	92.94	267.67	9430.07	5601.73	-877.97	-5589.46	447913.03	612475.64	1.60	
15002.00	92.80	268.90	9425.37	5695.60	-880.78	-5683.29	447910.22	612381.81	1.32	
15097.00	89.72	267.71	9423.28	5790.55	-883.59	-5778.22	447907.41	612286.88	3.48	
15191.00	92.17	272.51	9421.73	5884.49	-883.41	-5872.17	447907.59	612192.93	5.73	
15286.00	89.86	271.88	9420.04	5979.33	-879.77	-5967.08	447911.23	612098.02	2.52	
15380.00	90.00	273.63	9420.16	6073.15	-875.25	-6060.97	447915.75	612004.13	1.87	

5D Plan Report

Salient Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
15475.00	92.10	273.74	9418.42	6167.83	-869.15	-6155.75	447921.85	611909.35	2.21	
15569.00	88.95	272.79	9417.56	6261.57	-863.79	-6249.58	447927.21	611815.52	3.50	
15664.00	89.44	273.98	9418.89	6356.30	-858.19	-6344.40	447932.81	611720.70	1.35	
15759.00	89.44	273.64	9419.82	6450.98	-851.87	-6439.19	447939.13	611625.91	0.36	
15853.00	93.79	273.67	9417.17	6544.63	-845.89	-6532.94	447945.11	611532.16	4.63	
15948.00	90.42	271.35	9413.68	6639.39	-841.73	-6627.76	447949.27	611437.34	4.31	
16042.00	91.12	269.35	9412.42	6733.35	-841.16	-6721.75	447949.84	611343.35	2.25	
16137.00	92.38	268.86	9409.52	6828.31	-842.64	-6816.69	447948.36	611248.41	1.42	
16231.00	92.39	269.03	9405.61	6922.23	-844.37	-6910.59	447946.63	611154.51	0.18	
16326.00	93.86	268.90	9400.43	7017.08	-846.08	-7005.43	447944.92	611059.67	1.55	
16420.00	92.45	267.10	9395.25	7110.91	-849.36	-7099.22	447941.64	610965.88	2.43	
16515.00	87.83	266.29	9395.02	7205.80	-854.83	-7194.04	447936.17	610871.06	4.94	Plan 4 TieOn Svy
16580.00	87.83	266.29	9397.48	7270.67	-859.04	-7258.86	447931.96	610806.24	0.00	PTB / Build
16829.01	92.08	268.89	9397.69	7519.51	-869.50	-7507.57	447921.50	610557.53	2.00	Hold
17253.57	92.08	268.89	9382.31	7943.78	-877.69	-7931.77	447913.31	610133.33	0.00	Drop
17300.13	91.15	268.84	9381.00	7990.32	-878.61	-7978.30	447912.39	610086.80	2.00	T0
17784.19	91.15	268.84	9371.32	8474.28	-888.41	-8462.17	447902.59	609602.93	0.00	Turn
17800.04	91.15	269.16	9371.00	8490.13	-888.69	-8478.01	447902.31	609587.09	2.00	T1
18299.87	91.15	269.16	9361.00	8989.86	-896.05	-8977.69	447894.95	609087.41	0.00	Hold
18300.04	91.15	269.16	9361.00	8990.03	-896.05	-8977.86	447894.95	609087.24	0.00	T2
18798.75	91.15	269.16	9351.03	9488.64	-903.38	-9476.42	447887.62	608588.68	0.00	Drop
18800.04	91.12	269.16	9351.00	9489.93	-903.39	-9477.70	447887.61	608587.40	2.00	T3
19230.67	91.12	269.16	9342.58	9920.47	-909.71	-9908.20	447881.29	608156.90	0.00	WOIL FC1 PBHL

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
0.00	0.00	0.00	0.00	-0.00	0.00	0.00	448791.00	618065.10	0.00	
100.00	0.12	261.74	100.00	0.10	-0.02	-0.10	448790.98	618065.00	0.12	
200.00	0.30	23.31	200.00	-0.05	0.18	0.05	448791.18	618065.15	0.44	
300.00	0.65	348.22	300.00	-0.05	0.98	0.03	448791.98	618065.13	0.44	
400.00	0.88	350.23	399.99	0.20	2.31	-0.24	448793.31	618064.86	0.22	
500.00	0.21	192.22	499.98	0.38	3.24	-0.43	448794.24	618064.67	1.67	
600.00	1.79	183.51	599.96	0.45	1.46	-0.47	448792.46	618064.63	1.53	
700.00	3.15	185.68	699.86	0.94	-2.94	-0.90	448788.06	618064.20	0.91	
800.00	4.17	184.40	799.66	1.54	-9.23	-1.40	448781.77	618063.70	1.37	
900.00	4.36	185.35	899.35	2.33	-17.03	-2.08	448773.97	618063.02	0.56	
1000.00	4.41	184.33	999.09	3.13	-24.29	-2.77	448766.71	618062.33	1.29	
1100.00	5.56	181.14	1098.70	3.64	-33.06	-3.16	448757.94	618061.94	0.29	
1200.00	5.39	178.67	1198.24	3.77	-42.60	-3.15	448748.40	618061.95	0.29	
1300.00	5.02	177.09	1297.83	3.56	-51.68	-2.80	448739.32	618062.30	0.43	
1400.00	4.40	178.04	1397.48	3.25	-59.95	-2.37	448731.05	618062.73	0.81	
1500.00	3.93	180.66	1497.23	3.30	-67.04	-2.32	448723.96	618062.78	0.20	
1600.00	4.14	181.32	1596.99	3.51	-74.06	-2.43	448716.94	618062.67	0.65	
1700.00	4.72	185.32	1696.69	4.09	-81.77	-2.89	448709.23	618062.21	0.65	
1800.00	5.70	185.36	1796.28	5.12	-90.71	-3.79	448700.29	618061.31	1.12	
1900.00	6.31	178.40	1895.72	5.72	-101.23	-4.23	448689.77	618060.87	1.03	
2000.00	5.67	174.70	1995.16	5.19	-111.81	-3.55	448679.19	618061.55	0.92	
2100.00	5.36	171.04	2094.70	4.15	-121.30	-2.37	448669.70	618062.73	0.43	
2200.00	5.65	163.59	2194.24	2.19	-130.62	-0.28	448660.38	618064.82	0.80	
2300.00	5.19	169.08	2293.79	0.03	-139.79	2.02	448651.21	618067.12	1.72	
2400.00	4.47	185.82	2393.45	-0.20	-148.08	2.37	448642.92	618067.47	0.24	
2500.00	4.25	186.86	2493.16	0.75	-155.63	1.53	448635.37	618066.63	0.24	
2600.00	4.03	188.44	2592.90	1.79	-162.78	0.60	448628.22	618065.70	0.32	
2700.00	4.14	188.07	2692.66	3.08	-169.60	-0.59	448621.40	618064.51	1.55	
2800.00	5.15	178.96	2792.32	3.50	-177.81	-0.89	448613.19	618064.21	0.44	
2900.00	5.37	177.72	2891.88	3.34	-187.09	-0.60	448603.91	618064.50	0.19	
3000.00	5.20	178.39	2991.46	3.11	-196.28	-0.24	448594.72	618064.86	0.25	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
3100.00	5.19	180.75	3091.05	3.18	-205.28	-0.17	448585.72	618064.93	0.24	
3200.00	5.15	182.45	3190.64	3.59	-214.36	-0.45	448576.64	618064.65	0.25	
3300.00	4.81	182.40	3290.26	4.13	-223.09	-0.86	448567.91	618064.24	0.46	
3400.00	4.45	182.77	3389.93	4.56	-231.12	-1.18	448559.88	618063.92	0.31	
3500.00	4.92	180.19	3489.62	4.98	-239.04	-1.48	448551.96	618063.62	1.00	
3600.00	5.38	178.13	3589.20	4.92	-248.15	-1.29	448542.85	618063.81	0.26	
3700.00	5.30	179.06	3688.76	4.79	-257.54	-1.01	448533.46	618064.09	0.25	
3800.00	5.10	178.98	3788.35	4.80	-266.60	-0.89	448524.40	618064.21	0.22	
3900.00	4.91	179.85	3887.97	4.82	-275.32	-0.78	448515.68	618064.32	0.21	
4000.00	4.58	181.03	3987.62	5.00	-283.61	-0.84	448507.39	618064.26	0.36	
4100.00	5.31	180.61	4087.25	5.25	-292.17	-0.97	448498.83	618064.13	0.81	
4200.00	5.24	180.64	4186.83	5.49	-301.39	-1.07	448489.61	618064.03	0.23	
4300.00	5.04	181.70	4286.43	5.80	-310.35	-1.25	448480.65	618063.85	0.13	
4400.00	4.98	182.92	4386.04	6.28	-319.08	-1.61	448471.92	618063.49	0.07	
4500.00	4.91	183.19	4485.67	6.89	-327.71	-2.09	448463.29	618063.01	0.23	
4600.00	4.97	183.44	4585.31	7.42	-336.14	-2.49	448454.86	618062.61	1.04	
4700.00	5.64	186.74	4684.87	8.48	-345.52	-3.42	448445.48	618061.68	0.06	
4800.00	5.37	187.18	4784.39	9.78	-355.17	-4.57	448435.83	618060.53	0.69	
4900.00	4.73	188.67	4884.01	11.10	-363.87	-5.77	448427.13	618059.33	0.60	
5000.00	4.60	185.48	4983.69	12.39	-371.70	-6.94	448419.30	618058.16	0.88	
5100.00	4.83	180.77	5083.34	12.80	-380.02	-7.23	448410.98	618057.87	0.04	
5200.00	4.69	181.57	5183.00	13.06	-388.37	-7.37	448402.63	618057.73	0.27	
5300.00	4.36	183.67	5282.68	13.53	-396.30	-7.72	448394.70	618057.38	0.44	
5400.00	4.81	180.01	5382.38	14.02	-404.01	-8.10	448386.99	618057.00	1.07	
5500.00	4.82	178.95	5482.01	13.95	-412.65	-7.91	448378.35	618057.19	0.42	
5600.00	4.72	179.99	5581.67	14.00	-420.89	-7.83	448370.11	618057.27	0.08	
5700.00	4.51	180.18	5681.34	14.14	-428.98	-7.86	448362.02	618057.24	0.26	
5800.00	5.39	179.08	5780.98	14.22	-437.45	-7.81	448353.55	618057.29	1.10	
5900.00	5.26	179.88	5880.54	14.25	-446.84	-7.70	448344.16	618057.40	0.28	
6000.00	5.05	181.22	5980.13	14.47	-455.82	-7.79	448335.18	618057.31	0.24	
6100.00	4.59	186.33	6079.78	15.15	-464.18	-8.34	448326.82	618056.76	0.13	
6200.00	4.52	184.04	6179.47	16.04	-472.06	-9.12	448318.94	618055.98	0.89	
6300.00	4.74	176.57	6279.14	16.00	-480.11	-8.96	448310.89	618056.14	0.92	
6400.00	4.76	187.68	6378.78	16.39	-488.57	-9.23	448302.43	618055.87	1.72	
6500.00	3.93	199.50	6478.50	18.49	-495.72	-11.22	448295.28	618053.88	0.68	
6600.00	3.92	191.28	6578.28	20.32	-502.15	-12.96	448288.85	618052.14	0.77	
6700.00	4.60	179.98	6678.00	21.37	-509.48	-13.90	448281.52	618051.20	1.84	
6800.00	4.29	176.30	6777.65	20.55	-517.81	-12.96	448273.19	618052.14	2.60	
6900.00	3.86	183.48	6877.44	21.16	-524.17	-13.47	448266.83	618051.63	1.65	
7000.00	5.54	171.67	6977.12	20.85	-532.20	-13.05	448258.80	618052.05	2.20	
7100.00	6.60	168.29	7076.51	18.90	-542.93	-10.94	448248.07	618054.16	0.34	
7200.00	5.78	171.83	7175.89	16.99	-553.90	-8.87	448237.10	618056.23	1.64	
7300.00	5.33	175.19	7275.45	16.16	-563.23	-7.90	448227.77	618057.20	0.16	
7400.00	6.04	179.31	7374.97	15.79	-572.97	-7.40	448218.03	618057.70	1.07	
7500.00	5.57	185.84	7474.43	16.34	-583.32	-7.79	448207.68	618057.31	1.12	
7600.00	6.16	183.53	7573.93	17.44	-593.30	-8.74	448197.70	618056.36	0.96	
7700.00	5.55	179.94	7673.39	17.92	-603.64	-9.07	448187.36	618056.03	0.88	
7800.00	5.11	181.97	7772.96	18.17	-612.90	-9.19	448178.10	618055.91	0.47	
7900.00	5.22	174.08	7872.55	17.99	-621.86	-8.87	448169.14	618056.23	0.89	
8000.00	5.71	167.77	7972.09	16.54	-631.32	-7.29	448159.68	618057.81	0.48	
8100.00	5.14	167.36	8071.64	14.59	-640.62	-5.19	448150.38	618059.91	1.16	
8200.00	4.29	172.32	8171.31	13.20	-648.51	-3.70	448142.49	618061.40	0.76	
8300.00	4.72	179.53	8271.01	12.86	-656.27	-3.24	448134.73	618061.86	0.76	
8400.00	5.34	182.08	8370.62	13.08	-665.12	-3.33	448125.88	618061.77	0.51	
8500.00	5.24	185.84	8470.17	13.90	-674.54	-4.01	448116.46	618061.09	0.90	
8600.00	6.87	180.87	8569.65	14.71	-684.60	-4.68	448106.40	618060.42	2.40	
8700.00	5.77	174.98	8668.99	14.54	-696.06	-4.33	448094.94	618060.77	1.88	
8800.00	4.26	172.37	8768.61	13.68	-704.73	-3.35	448086.27	618061.75	1.49	
8900.00	4.01	182.86	8868.35	13.43	-711.85	-2.99	448079.15	618062.11	0.82	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (%/100US ft)	Comment
9000.00	3.89	187.87	8968.11	14.16	-718.70	-3.63	448072.30	618061.47	0.90	
9100.00	9.77	221.79	9067.51	18.39	-728.14	-7.72	448062.86	618057.38	15.60	
9200.00	19.52	239.74	9163.99	40.06	-742.32	-29.18	448048.68	618035.92	8.18	
9300.00	30.49	256.62	9254.75	78.99	-757.05	-67.90	448033.95	617997.20	14.67	
9400.00	43.20	262.86	9335.08	137.50	-767.25	-126.26	448023.75	617938.84	19.88	
9500.00	56.06	270.36	9399.50	213.63	-771.60	-202.34	448019.40	617862.76	15.29	
9600.00	69.66	271.69	9445.18	302.30	-770.16	-291.04	448020.84	617774.06	15.41	
9700.00	79.17	271.93	9469.93	398.95	-766.91	-387.75	448024.09	617677.35	5.09	
9702.00	79.27	271.93	9470.30	400.91	-766.85	-389.71	448024.15	617675.39	5.09	9 5/8 in
9800.00	84.69	271.12	9484.27	497.78	-763.81	-486.63	448027.19	617578.47	8.42	
9900.00	90.59	267.78	9487.29	597.66	-765.07	-586.50	448025.93	617478.60	1.94	
10000.00	91.29	266.67	9485.81	697.57	-770.40	-686.35	448020.60	617378.75	1.61	
10100.00	92.30	267.11	9482.49	797.44	-775.56	-786.16	448015.44	617278.94	0.58	
10200.00	92.35	266.54	9478.28	897.27	-781.04	-885.92	448009.96	617179.18	0.86	
10300.00	89.99	265.30	9475.30	997.07	-787.90	-985.63	448003.10	617079.47	5.15	
10400.00	88.20	265.05	9478.21	1096.73	-797.04	-1085.16	447993.96	616979.94	1.98	
10500.00	90.48	266.48	9479.74	1196.53	-804.40	-1184.87	447986.60	616880.23	3.39	
10600.00	89.45	266.97	9478.33	1296.44	-809.79	-1284.70	447981.21	616780.40	3.91	
10700.00	90.87	267.93	9479.73	1396.36	-814.58	-1384.57	447976.42	616680.53	4.69	
10800.00	92.45	269.15	9476.07	1496.29	-817.03	-1484.47	447973.97	616580.63	1.10	
10900.00	89.15	269.64	9473.89	1596.24	-817.96	-1584.42	447973.04	616480.68	4.50	
11000.00	93.50	272.50	9473.13	1696.14	-816.54	-1684.36	447974.46	616380.74	7.43	
11100.00	93.67	272.22	9466.05	1795.71	-811.93	-1784.00	447979.07	616281.10	1.35	
11200.00	92.77	271.51	9460.43	1895.44	-808.71	-1883.78	447982.29	616181.32	1.11	
11300.00	88.95	270.75	9458.80	1995.35	-806.73	-1983.73	447984.27	616081.37	4.05	
11400.00	89.89	271.59	9459.86	2095.28	-804.68	-2083.70	447986.32	615981.40	2.01	
11500.00	91.18	271.91	9458.43	2195.15	-801.47	-2183.64	447989.53	615881.46	4.13	
11600.00	88.47	270.63	9459.61	2295.06	-799.31	-2283.59	447991.69	615781.51	3.65	
11700.00	91.35	269.89	9459.32	2395.03	-798.97	-2383.57	447992.03	615681.53	0.46	
11800.00	91.20	269.73	9456.71	2494.99	-799.27	-2483.54	447991.73	615581.56	1.79	
11900.00	90.71	269.60	9455.80	2594.98	-799.95	-2583.53	447991.05	615481.57	2.22	
12000.00	92.18	269.39	9452.87	2694.93	-800.62	-2683.48	447990.38	615381.62	0.90	
12100.00	91.85	269.10	9449.08	2794.86	-802.23	-2783.40	447988.77	615281.70	1.22	
12200.00	90.67	268.93	9446.85	2894.83	-803.63	-2883.36	447987.37	615181.74	1.57	
12300.00	89.53	268.01	9446.72	2994.82	-806.30	-2983.32	447984.70	615081.78	1.37	
12400.00	91.40	268.75	9446.99	3094.79	-809.74	-3083.25	447981.26	614981.85	4.50	
12500.00	88.51	268.17	9444.77	3194.74	-811.59	-3183.19	447979.41	614881.91	7.46	
12600.00	87.24	267.27	9450.17	3294.55	-815.91	-3282.94	447975.09	614782.16	1.65	
12700.00	90.18	268.36	9452.75	3394.46	-820.07	-3382.81	447970.93	614682.29	3.83	
12800.00	91.37	268.77	9450.93	3494.44	-822.32	-3482.76	447968.68	614582.34	0.51	
12900.00	90.63	268.57	9448.97	3594.42	-824.60	-3582.72	447966.40	614482.38	1.06	
13000.00	91.19	269.62	9447.58	3694.41	-826.35	-3682.69	447964.65	614382.41	1.50	
13100.00	89.45	269.45	9446.82	3794.40	-827.05	-3782.68	447963.95	614282.42	2.01	
13200.00	90.94	269.41	9446.54	3894.39	-828.04	-3882.67	447962.96	614182.43	1.93	
13300.00	89.29	268.83	9446.49	3994.39	-829.59	-3982.65	447961.41	614082.45	0.96	
13400.00	90.20	268.54	9446.95	4094.38	-831.94	-4082.62	447959.06	613982.48	1.15	
13500.00	90.91	268.71	9445.70	4194.37	-834.23	-4182.59	447956.77	613882.51	1.39	
13600.00	90.09	268.25	9445.12	4294.36	-836.99	-4282.55	447954.01	613782.55	0.74	
13700.00	90.30	268.25	9444.44	4394.34	-839.97	-4382.50	447951.03	613682.60	1.27	
13800.00	90.24	268.31	9444.69	4494.33	-843.17	-4482.45	447947.83	613582.65	2.70	
13900.00	91.39	268.64	9442.47	4594.29	-845.57	-4582.39	447945.43	613482.71	1.50	
14000.00	89.99	267.97	9441.27	4694.27	-848.46	-4682.34	447942.54	613382.76	1.64	
14100.00	89.74	268.32	9442.06	4794.24	-852.26	-4782.26	447938.74	613282.84	2.09	
14200.00	90.28	269.20	9441.80	4894.24	-854.04	-4882.24	447936.96	613182.86	0.02	
14300.00	89.50	268.71	9441.69	4994.24	-855.66	-4982.23	447935.34	613082.87	1.66	
14400.00	91.11	268.92	9442.19	5094.23	-858.10	-5082.19	447932.90	612982.91	3.65	
14500.00	90.07	267.84	9439.81	5194.19	-860.33	-5182.13	447930.67	612882.97	3.99	
14600.00	91.29	267.30	9439.78	5294.13	-864.96	-5282.02	447926.04	612783.08	3.10	
14700.00	89.54	266.66	9438.05	5394.04	-870.07	-5381.86	447920.93	612683.24	3.39	

5D Plan Report

Interpolated Points: (Relative to Slot centre)(TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment
14800.00	93.35	268.50	9436.64	5493.94	-874.72	-5481.71	447916.28	612583.39	5.89	
14900.00	93.03	267.76	9430.49	5593.74	-877.65	-5581.47	447913.35	612483.63	1.60	
15000.00	92.80	268.87	9425.46	5693.60	-880.74	-5681.30	447910.26	612383.80	1.32	
15100.00	89.80	267.86	9423.29	5793.55	-883.70	-5781.22	447907.30	612283.88	5.73	
15200.00	91.95	272.45	9421.40	5893.47	-883.02	-5881.16	447907.98	612183.94	2.52	
15300.00	89.88	272.14	9420.08	5993.32	-879.28	-5981.07	447911.72	612084.03	1.87	
15400.00	90.44	273.65	9420.08	6093.08	-873.98	-6080.93	447917.02	611984.17	2.21	
15500.00	91.26	273.49	9417.68	6192.74	-867.57	-6180.69	447923.43	611884.41	3.50	
15600.00	89.11	273.18	9418.08	6292.50	-862.18	-6280.53	447928.82	611784.57	1.35	
15700.00	89.44	273.85	9419.24	6392.18	-855.73	-6380.32	447935.27	611684.78	0.36	
15800.00	91.34	273.65	9419.54	6491.86	-849.27	-6480.10	447941.73	611585.00	4.63	
15900.00	92.12	272.52	9414.75	6591.46	-843.35	-6579.80	447947.65	611485.30	4.31	
16000.00	90.81	270.24	9413.13	6691.36	-841.01	-6679.75	447949.99	611385.35	2.25	
16100.00	91.89	269.05	9410.90	6791.33	-841.97	-6779.72	447949.03	611285.38	1.42	
16200.00	92.39	268.97	9406.90	6891.25	-843.83	-6879.62	447947.17	611185.48	0.18	
16300.00	93.46	268.94	9402.09	6991.13	-845.59	-6979.49	447945.41	611085.61	1.55	
16400.00	92.75	267.48	9396.16	7090.94	-848.41	-7079.27	447942.59	610985.83	2.43	
16500.00	88.56	266.42	9394.55	7190.82	-853.88	-7179.08	447937.12	610886.02	4.94	
16580.00	87.83	266.29	9397.48	7270.67	-859.04	-7258.86	447931.96	610806.24	0.00	PTB / Build
16600.00	88.17	266.50	9398.18	7290.64	-860.29	-7278.81	447930.71	610786.29	2.00	
16700.00	89.88	267.54	9399.88	7390.55	-865.49	-7378.65	447925.51	610686.45	2.00	
16800.00	91.58	268.59	9398.61	7490.51	-868.86	-7478.58	447922.14	610586.52	2.00	
16829.01	92.08	268.89	9397.69	7519.51	-869.50	-7507.57	447921.50	610557.53	2.00	Hold
16900.00	92.08	268.89	9395.12	7590.45	-870.87	-7578.50	447920.13	610486.60	0.00	
17000.00	92.08	268.89	9391.49	7690.38	-872.80	-7678.41	447918.20	610386.69	0.00	
17100.00	92.08	268.89	9387.87	7790.32	-874.73	-7778.33	447916.27	610286.77	0.00	
17200.00	92.08	268.89	9384.25	7890.25	-876.66	-7878.25	447914.34	610186.85	0.00	
17253.57	92.08	268.89	9382.31	7943.78	-877.69	-7931.77	447913.31	610133.33	0.00	Drop
17300.00	91.15	268.84	9381.00	7990.20	-878.61	-7978.17	447912.39	610086.93	2.00	
17300.13	91.15	268.84	9381.00	7990.32	-878.61	-7978.30	447912.39	610086.80	0.00	T0
17400.00	91.15	268.84	9379.00	8090.17	-880.63	-8078.13	447910.37	609986.97	0.00	
17500.00	91.15	268.84	9377.00	8190.15	-882.66	-8178.09	447908.34	609887.01	0.00	
17600.00	91.15	268.84	9375.00	8290.13	-884.68	-8278.05	447906.32	609787.05	0.00	
17700.00	91.15	268.84	9373.00	8390.11	-886.71	-8378.01	447904.29	609687.09	0.00	
17784.19	91.15	268.84	9371.32	8474.28	-888.41	-8462.17	447902.59	609602.93	0.00	Turn
17800.00	91.15	269.16	9371.00	8490.09	-888.69	-8477.97	447902.31	609587.13	2.00	
17800.04	91.15	269.16	9371.00	8490.13	-888.69	-8478.01	447902.31	609587.09	0.00	T1
17900.00	91.15	269.16	9369.00	8590.07	-890.16	-8577.94	447900.84	609487.16	0.00	
18000.00	91.15	269.16	9367.00	8690.05	-891.63	-8677.91	447899.37	609387.19	0.00	
18100.00	91.15	269.16	9365.00	8790.03	-893.11	-8777.88	447897.89	609287.22	0.00	
18200.00	91.15	269.16	9363.00	8890.01	-894.58	-8877.85	447896.42	609187.25	0.00	
18299.87	91.15	269.16	9361.00	8989.86	-896.05	-8977.69	447894.95	609087.41	0.00	Hold
18300.00	91.15	269.16	9361.00	8989.99	-896.05	-8977.82	447894.95	609087.28	0.00	
18300.04	91.15	269.16	9361.00	8990.03	-896.05	-8977.86	447894.95	609087.24	0.00	T2
18400.00	91.15	269.16	9359.00	9089.97	-897.52	-9077.79	447893.48	608987.31	0.00	
18500.00	91.15	269.16	9357.00	9189.95	-898.99	-9177.76	447892.01	608887.34	0.00	
18600.00	91.15	269.16	9355.00	9289.93	-900.46	-9277.72	447890.54	608787.38	0.00	
18700.00	91.15	269.16	9353.00	9389.91	-901.93	-9377.69	447889.07	608687.41	0.00	
18798.75	91.15	269.16	9351.03	9488.64	-903.38	-9476.42	447887.62	608588.68	0.00	Drop
18800.00	91.12	269.16	9351.00	9489.89	-903.39	-9477.66	447887.61	608587.44	2.00	
18800.04	91.12	269.16	9351.00	9489.93	-903.39	-9477.70	447887.61	608587.40	0.00	T3
18900.00	91.12	269.16	9349.05	9589.87	-904.86	-9577.63	447886.14	608487.47	0.00	
19000.00	91.12	269.16	9347.09	9689.85	-906.33	-9677.60	447884.67	608387.50	0.00	
19100.00	91.12	269.16	9345.14	9789.83	-907.80	-9777.57	447883.20	608287.53	0.00	
19200.00	91.12	269.16	9343.18	9889.81	-909.26	-9877.54	447881.74	608187.56	0.00	
19230.67	91.12	269.16	9342.58	9920.47	-909.71	-9908.20	447881.29	608156.90	0.00	WOIL FC1 PBHL