

Mewbourne Oil Company

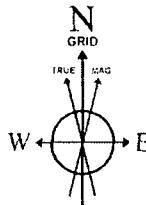
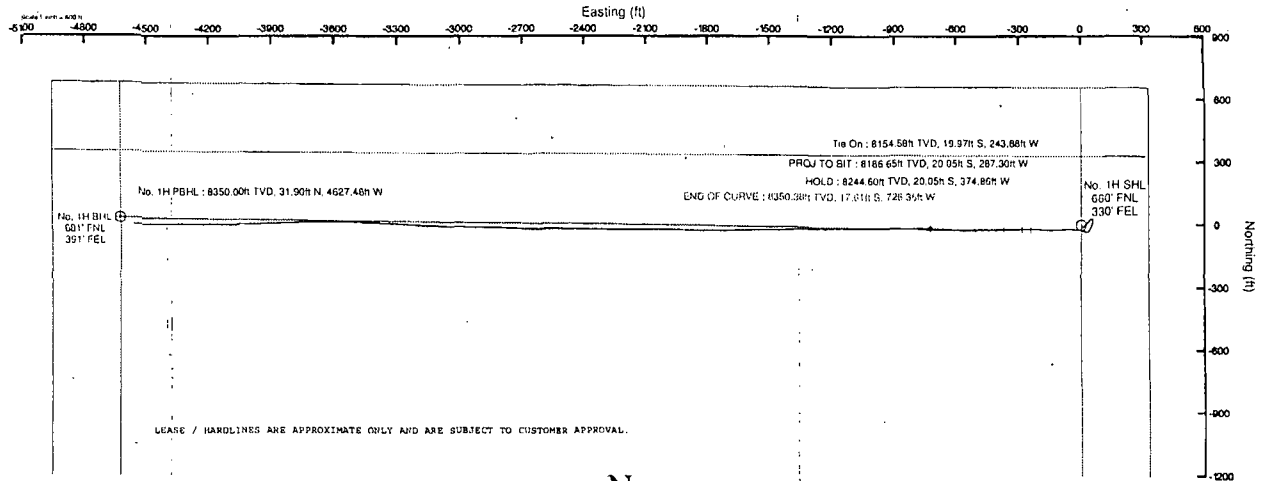
Location: Eddy County, NM
Field: (Three Palms) Sec 36, T19S, R29E
Facility: Three Palms 36 State Com #1H

Slot: No. 1H SHL
Well: No. 1H
Wellbore: No. 1H PWB

30-015-37860

Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	8236.00	50.600	269.600	8154.58	-19.97	-243.88	0.00	243.74
PROJ TO BIT	8290.00	56.500	270.000	8186.65	-20.05	-287.30	10.93	287.16
HOLD	8395.00	56.500	270.000	8244.60	-20.05	-374.86	0.00	374.71
END OF CURVE	8767.36	90.006	270.727	8350.38	-17.61	-726.36	9.00	726.22
No. 1H PBHL	12668.80	90.006	270.727	8350.00	31.90	-4627.48	0.00	4627.59

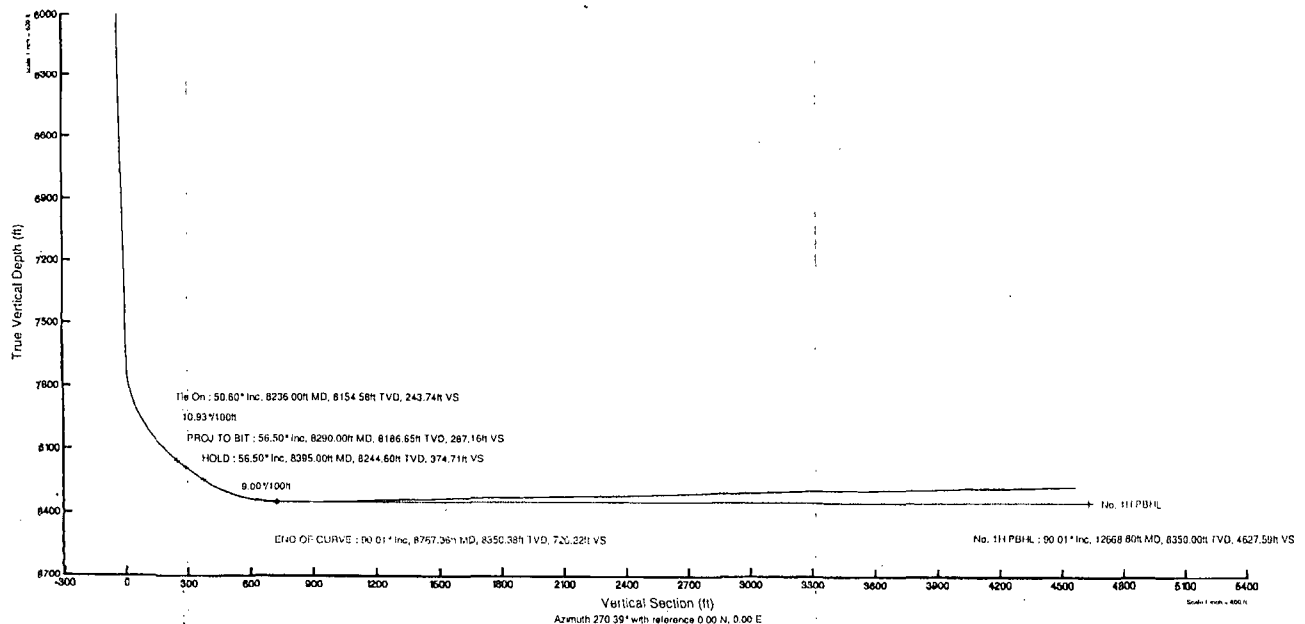


**BAKER
HUGHES**

BGGM (1945.0 to 2011.0) Dip: 60.52° Field: 48962.9 nT
Magnetic North is 7.97 degrees East of True North (at 7/16/2010)
Grid North is 0.17 degrees East of True North
To correct azimuth from True to Grid subtract 0.17 degrees
To correct azimuth from Magnetic to Grid add 7.80 degrees

For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.80 = 97.80

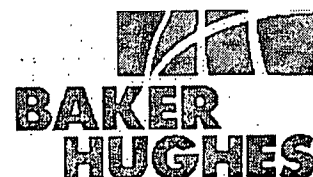
Plot reference wellpath is Plan #2 vs Actual (FINAL)	
True vertical depths are referenced to Patterson 47 on No. 1H SHL (KB)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Patterson 47 on No. 1H SHL (KB)	North Reference: Grid north
Patterson 47 on No. 1H SHL (KB) to Mean Sea Level: 3344 feet	Scale: True distance
Mean Sea Level to Mud Line (Facility: Three Palms 36 State Com #1H): -3326 foot	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: Victor Hernandez on 9/2/2010



Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWB
Facility	Three Palms 36 State Com #1H		

REPORT SETUP INFORMATION			
Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.99992	Report Generated	9/2/2010 at 8:47:03 AM
Convergence at slot	0.17° East	Database/Source file	WA_Midland/No. 1H_AWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	596350.45	590223.07	32°37'20.053"N	104°01'13.400"W
Facility Reference Pt			596350.45	590223.07	32°37'20.053"N	104°01'13.400"W
Field Reference Pt			596350.45	590223.07	32°37'20.053"N	104°01'13.400"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Patterson 47 on No. 1H SHL (KB) to Ground Level	18.00ft
Horizontal Reference Pt	Slot	Patterson 47 on No. 1H SHL (KB) to Mean Sea Level	3344.00ft
Vertical Reference Pt	Patterson 47 on No. 1H SHL (KB)	Ground Level to Mud Line (Facility)	0.00ft
MD Reference Pt	Patterson 47 on No. 1H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	270.39°

Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
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Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWP
Facility	Three Palms 36 State Com #1H		

WELLPATH DATA (234 stations)												
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	
0.00	0.000	126.280	0.00	0.00	0.00	0.00	596350.45	590223.07	32°37'20.053"N	104°01'13.400"W	0.00	
100.00	0.220	126.280	100.00	-0.16	-0.11	0.15	596350.60	590222.96	32°37'20.052"N	104°01'13.399"W	0.22	
200.00	1.100	148.890	199.99	-0.81	-1.05	0.81	596351.26	590222.02	32°37'20.043"N	104°01'13.391"W	0.90	
300.00	1.030	153.170	299.97	-1.73	-2.67	1.71	596352.16	590220.40	32°37'20.027"N	104°01'13.381"W	0.11	
400.00	1.570	172.860	399.95	-2.32	-4.83	2.28	596352.73	590218.24	32°37'20.005"N	104°01'13.374"W	0.69	
500.00	1.370	167.980	499.92	-2.75	-7.36	2.70	596353.15	590215.71	32°37'19.980"N	104°01'13.369"W	0.24	
600.00	1.420	162.000	599.89	-3.40	-9.71	3.33	596353.78	590213.36	32°37'19.957"N	104°01'13.362"W	0.15	
700.00	1.130	118.550	699.86	-4.66	-11.36	4.58	596355.03	590211.71	32°37'19.941"N	104°01'13.347"W	0.98	
800.00	1.820	65.950	799.83	-6.98	-11.18	6.90	596357.35	590211.89	32°37'19.942"N	104°01'13.320"W	1.45	
900.00	1.910	48.600	899.78	-9.66	-9.43	9.60	596360.05	590213.64	32°37'19.959"N	104°01'13.288"W	0.57	
1000.00	3.090	42.930	999.69	-12.73	-6.36	12.69	596363.13	590216.71	32°37'19.990"N	104°01'13.252"W	1.20	
1100.00	3.200	46.210	1099.54	-16.55	-2.45	16.54	596366.98	590220.62	32°37'20.028"N	104°01'13.207"W	0.21	
1200.00	3.440	49.490	1199.37	-20.82	1.43	20.83	596371.28	590224.50	32°37'20.067"N	104°01'13.157"W	0.31	
1300.00	3.660	48.020	1299.18	-25.45	5.51	25.49	596375.93	590228.58	32°37'20.107"N	104°01'13.102"W	0.24	
1400.00	3.340	44.520	1398.99	-29.83	9.72	29.90	596380.35	590232.79	32°37'20.148"N	104°01'13.050"W	0.38	
1500.00	2.600	41.570	1498.85	-33.35	13.50	33.45	596383.90	590236.56	32°37'20.186"N	104°01'13.009"W	0.76	
1600.00	2.360	38.180	1598.76	-36.11	16.81	36.23	596386.67	590239.88	32°37'20.218"N	104°01'12.976"W	0.28	
1700.00	1.980	33.470	1698.69	-38.31	19.87	38.45	596388.90	590242.94	32°37'20.249"N	104°01'12.950"W	0.42	
1800.00	2.110	37.100	1798.62	-40.36	22.78	40.51	596390.96	590245.85	32°37'20.277"N	104°01'12.926"W	0.18	
1900.00	2.240	47.090	1898.55	-42.88	25.58	43.06	596393.50	590248.65	32°37'20.305"N	104°01'12.896"W	0.40	
2000.00	1.860	59.960	1998.49	-45.70	27.72	45.89	596396.34	590250.79	32°37'20.326"N	104°01'12.863"W	0.59	
2100.00	1.840	72.520	2098.44	-48.63	29.02	48.83	596399.28	590252.08	32°37'20.339"N	104°01'12.828"W	0.41	
2200.00	1.540	97.840	2198.40	-51.49	29.32	51.69	596402.14	590252.38	32°37'20.342"N	104°01'12.795"W	0.80	
2300.00	1.070	105.060	2298.37	-53.72	28.89	53.92	596404.37	590251.96	32°37'20.337"N	104°01'12.769"W	0.50	
2400.00	0.680	112.920	2398.36	-55.18	28.42	55.37	596405.82	590251.48	32°37'20.333"N	104°01'12.752"W	0.41	
2500.00	0.770	156.850	2498.35	-55.99	27.57	56.18	596406.63	590250.63	32°37'20.324"N	104°01'12.743"W	0.55	
2600.00	0.890	173.640	2598.34	-56.35	26.18	56.53	596406.98	590249.24	32°37'20.310"N	104°01'12.739"W	0.27	
2700.00	1.020	150.060	2698.33	-56.89	24.63	57.06	596407.51	590247.70	32°37'20.295"N	104°01'12.732"W	0.41	
2800.00	0.820	155.750	2798.31	-57.64	23.21	57.80	596408.25	590246.28	32°37'20.281"N	104°01'12.724"W	0.22	
2900.00	0.850	171.070	2898.30	-58.06	21.82	58.21	596408.66	590244.89	32°37'20.267"N	104°01'12.719"W	0.22	

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWB
Facility	Three Palms 36 State Com #1H		

WELLPATH DATA (234 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
3000.00	0.840	186.430	2998.29	-58.10	20.36	58.24	596408.69	590243.43	32°37'20.253"N	104°01'12.719"W	0.23
3100.00	0.520	190.130	3098.28	-57.95	19.19	58.08	596408.53	590242.26	32°37'20.241"N	104°01'12.721"W	0.32
3200.00	0.480	165.860	3198.28	-57.98	18.34	58.10	596408.55	590241.40	32°37'20.233"N	104°01'12.720"W	0.21
3300.00	0.090	106.840	3298.28	-58.16	17.91	58.28	596408.73	590240.98	32°37'20.229"N	104°01'12.718"W	0.44
3400.00	0.300	5.520	3398.28	-58.26	18.14	58.38	596408.83	590241.21	32°37'20.231"N	104°01'12.717"W	0.33
3500.00	0.240	38.030	3498.28	-58.41	18.57	58.54	596408.98	590241.64	32°37'20.235"N	104°01'12.715"W	0.16
3600.00	0.310	50.890	3598.28	-58.74	18.91	58.88	596409.32	590241.97	32°37'20.238"N	104°01'12.711"W	0.09
3700.00	0.160	8.960	3698.28	-58.97	19.21	59.11	596409.55	590242.28	32°37'20.241"N	104°01'12.709"W	0.22
3800.00	0.330	243.270	3798.28	-58.74	19.22	58.87	596409.32	590242.29	32°37'20.242"N	104°01'12.711"W	0.44
3900.00	0.550	205.670	3898.27	-58.28	18.66	58.41	596408.85	590241.73	32°37'20.236"N	104°01'12.717"W	0.35
4000.00	0.570	200.790	3998.27	-57.90	17.76	58.02	596408.47	590240.83	32°37'20.227"N	104°01'12.721"W	0.05
4100.00	0.660	157.860	4098.26	-57.95	16.76	58.06	596408.51	590239.83	32°37'20.217"N	104°01'12.721"W	0.46
4200.00	0.780	195.000	4198.26	-57.99	15.57	58.10	596408.55	590238.64	32°37'20.205"N	104°01'12.721"W	0.47
4300.00	0.980	202.400	4298.24	-57.50	14.13	57.60	596408.05	590237.19	32°37'20.191"N	104°01'12.726"W	0.23
4400.00	1.110	205.520	4398.23	-56.77	12.46	56.86	596407.30	590235.53	32°37'20.175"N	104°01'12.735"W	0.14
4500.00	1.310	203.640	4498.20	-55.91	10.54	55.98	596406.43	590233.61	32°37'20.156"N	104°01'12.745"W	0.20
4600.00	1.450	206.340	4598.18	-54.90	8.36	54.96	596405.41	590231.43	32°37'20.134"N	104°01'12.757"W	0.15
4700.00	1.440	200.280	4698.14	-53.92	6.05	53.97	596404.41	590229.12	32°37'20.111"N	104°01'12.769"W	0.15
4800.00	1.430	202.970	4798.11	-53.02	3.72	53.04	596403.49	590226.79	32°37'20.088"N	104°01'12.780"W	0.07
4900.00	1.420	202.730	4898.08	-52.07	1.43	52.08	596402.52	590224.50	32°37'20.066"N	104°01'12.791"W	0.01
5000.00	1.460	195.060	4998.05	-51.27	-0.95	51.27	596401.71	590222.12	32°37'20.042"N	104°01'12.801"W	0.20
5100.00	1.350	201.300	5098.02	-50.53	-3.27	50.51	596400.96	590219.80	32°37'20.019"N	104°01'12.810"W	0.19
5200.00	1.350	199.690	5197.99	-49.72	-5.48	49.68	596400.13	590217.59	32°37'19.997"N	104°01'12.820"W	0.04
5300.00	1.510	200.920	5297.96	-48.87	-7.82	48.82	596399.26	590215.25	32°37'19.974"N	104°01'12.830"W	0.16
5400.00	1.630	198.540	5397.92	-47.96	-10.40	47.89	596398.34	590212.67	32°37'19.949"N	104°01'12.841"W	0.14
5500.00	1.780	204.290	5497.88	-46.89	-13.16	46.80	596397.25	590209.91	32°37'19.921"N	104°01'12.854"W	0.23
5600.00	2.000	209.840	5597.83	-45.41	-16.09	45.30	596395.74	590206.98	32°37'19.892"N	104°01'12.871"W	0.29
5700.00	2.180	214.110	5697.76	-43.49	-19.18	43.36	596393.81	590203.89	32°37'19.862"N	104°01'12.894"W	0.24
5800.00	1.920	212.890	5797.69	-41.54	-22.16	41.39	596391.83	590200.91	32°37'19.833"N	104°01'12.917"W	0.26
5900.00	1.740	215.750	5897.64	-39.76	-24.80	39.59	596390.04	590198.27	32°37'19.806"N	104°01'12.938"W	0.20

Actual Wellpath Report

No. 1H AWP

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Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec.36, T19S, R29E	Wellbore	No. 1H AWP
Facility	Three Palms 36 State Com #1H		

WELLPATH DATA (234 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
6000.00	1.680	215.530	5997.60	-38.04	-27.23	37.85	596388.30	590195.85	32°37'19.783"N	104°01'12.959"W	0.06
6100.00	1.620	217.110	6097.56	-36.35	-29.55	36.14	596386.59	590193.53	32°37'19.760"N	104°01'12.979"W	0.08
6200.00	1.550	221.340	6197.52	-34.62	-31.69	34.40	596384.85	590191.38	32°37'19.738"N	104°01'12.999"W	0.14
6300.00	1.360	244.470	6297.49	-32.66	-33.22	32.43	596382.88	590189.86	32°37'19.723"N	104°01'13.022"W	0.61
6400.00	1.570	275.370	6397.46	-30.23	-33.60	30.00	596380.45	590189.47	32°37'19.720"N	104°01'13.051"W	0.81
6500.00	1.660	281.250	6497.42	-27.44	-33.19	27.22	596377.66	590189.88	32°37'19.724"N	104°01'13.083"W	0.19
6600.00	1.720	282.720	6597.37	-24.55	-32.58	24.33	596374.78	590190.50	32°37'19.730"N	104°01'13.117"W	0.07
6700.00	1.530	281.880	6697.33	-21.78	-31.97	21.56	596372.01	590191.10	32°37'19.736"N	104°01'13.149"W	0.19
6800.00	1.470	289.080	6797.30	-19.26	-31.28	19.04	596369.49	590191.80	32°37'19.743"N	104°01'13.179"W	0.20
6900.00	1.780	292.920	6897.26	-16.61	-30.25	16.40	596366.85	590192.82	32°37'19.753"N	104°01'13.210"W	0.33
7000.00	1.780	297.630	6997.21	-13.79	-28.93	13.59	596364.04	590194.15	32°37'19.766"N	104°01'13.242"W	0.15
7100.00	1.730	284.930	7097.16	-10.95	-27.82	10.76	596361.21	590195.25	32°37'19.777"N	104°01'13.276"W	0.39
7200.00	1.470	280.090	7197.13	-8.22	-27.20	8.04	596358.49	590195.87	32°37'19.784"N	104°01'13.307"W	0.29
7300.00	1.350	281.160	7297.09	-5.80	-26.75	5.62	596356.07	590196.32	32°37'19.788"N	104°01'13.336"W	0.12
7400.00	1.280	291.310	7397.07	-3.60	-26.12	3.42	596353.87	590196.95	32°37'19.795"N	104°01'13.361"W	0.24
7500.00	1.450	291.780	7497.04	-1.38	-25.24	1.21	596351.66	590197.83	32°37'19.803"N	104°01'13.387"W	0.17
7582.00	1.010	297.690	7579.02	0.23	-24.52	-0.40	596350.05	590198.55	32°37'19.810"N	104°01'13.406"W	0.56
7611.00	1.400	288.600	7608.01	0.79	-24.29	-0.96	596349.49	590198.78	32°37'19.813"N	104°01'13.412"W	1.49
7643.00	1.300	294.900	7640.01	1.49	-24.01	-1.66	596348.79	590199.06	32°37'19.815"N	104°01'13.421"W	0.56
7674.00	1.300	294.200	7671.00	2.14	-23.72	-2.30	596348.15	590199.35	32°37'19.818"N	104°01'13.428"W	0.05
7705.00	1.800	281.600	7701.99	2.93	-23.48	-3.10	596347.35	590199.59	32°37'19.821"N	104°01'13.437"W	1.94
7737.00	4.300	270.600	7733.94	4.63	-23.36	-4.79	596345.66	590199.71	32°37'19.822"N	104°01'13.457"W	7.99
7767.00	6.700	276.500	7763.80	7.49	-23.15	-7.65	596342.80	590199.92	32°37'19.824"N	104°01'13.491"W	8.21
7799.00	9.900	272.000	7795.46	12.10	-22.85	-12.26	596338.19	590200.22	32°37'19.827"N	104°01'13.544"W	10.20
7830.00	13.200	273.800	7825.83	18.30	-22.52	-18.45	596332.00	590200.55	32°37'19.831"N	104°01'13.617"W	10.71
7861.00	17.000	275.200	7855.75	26.35	-21.87	-26.50	596323.95	590201.20	32°37'19.837"N	104°01'13.711"W	12.31
7892.00	21.000	274.100	7885.06	36.41	-21.07	-36.56	596313.89	590202.01	32°37'19.846"N	104°01'13.829"W	12.95
7923.00	25.000	272.000	7913.59	48.51	-20.44	-48.65	596301.80	590202.63	32°37'19.852"N	104°01'13.970"W	13.17
7955.00	28.900	268.600	7942.11	63.00	-20.39	-63.15	596287.31	590202.68	32°37'19.853"N	104°01'14.139"W	13.10
7986.00	31.000	266.700	7968.97	78.46	-21.04	-78.61	596271.85	590202.04	32°37'19.847"N	104°01'14.320"W	7.43

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWB
Facility	Three Palms 36 State Com #1H		

WELLPATH DATA (234 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
8018.00	33.000	268.300	7996.10	95.39	-21.77	-95.55	596254.91	590201.30	32°37'19.840"N	104°01'14.518"W	6.79
8049.00	35.400	269.600	8021.74	112.81	-22.08	-112.97	596237.49	590200.99	32°37'19.838"N	104°01'14.722"W	8.09
8080.00	39.700	269.800	8046.31	131.70	-22.18	-131.85	596218.61	590200.89	32°37'19.837"N	104°01'14.943"W	13.88
8111.00	43.500	270.600	8069.49	152.28	-22.10	-152.43	596198.03	590200.97	32°37'19.839"N	104°01'15.183"W	12.38
8143.00	45.900	272.300	8092.24	174.78	-21.52	-174.93	596175.53	590201.55	32°37'19.845"N	104°01'15.446"W	8.38
8173.00	47.300	272.300	8112.85	196.56	-20.65	-196.71	596153.76	590202.42	32°37'19.854"N	104°01'15.701"W	4.67
8205.00	48.100	270.600	8134.39	220.22	-20.05	-220.37	596130.10	590203.02	32°37'19.861"N	104°01'15.978"W	4.66
8236.00	50.600	269.800	8154.58	243.74	-19.97	-243.88	596106.59	590203.10	32°37'19.862"N	104°01'16.252"W	8.30
8267.00	53.700	269.800	8173.60	268.22	-20.06	-268.36	596082.11	590203.01	32°37'19.862"N	104°01'16.539"W	10.00
8297.00	55.000	269.100	8191.08	292.59	-20.30	-292.74	596057.74	590202.78	32°37'19.861"N	104°01'16.824"W	4.73
8329.00	55.100	269.200	8209.41	318.81	-20.68	-318.96	596031.51	590202.39	32°37'19.858"N	104°01'17.130"W	0.40
8360.00	54.600	268.600	8227.26	344.15	-21.17	-344.30	596006.17	590201.90	32°37'19.854"N	104°01'17.427"W	2.26
8390.00	55.800	267.900	8244.38	368.77	-21.92	-368.93	595981.55	590201.15	32°37'19.847"N	104°01'17.714"W	4.44
8422.00	59.700	267.700	8261.46	395.80	-22.96	-395.96	595954.52	590200.11	32°37'19.837"N	104°01'18.031"W	12.20
8458.00	64.700	268.100	8275.91	423.18	-23.97	-423.36	595927.13	590199.11	32°37'19.828"N	104°01'18.351"W	16.17
8484.00	68.700	269.000	8288.17	451.64	-24.68	-451.82	595898.67	590198.39	32°37'19.822"N	104°01'18.684"W	13.18
8516.00	70.700	269.500	8299.27	481.64	-25.07	-481.82	595868.67	590198.00	32°37'19.819"N	104°01'19.035"W	6.42
8548.00	72.000	269.100	8309.50	511.95	-25.45	-512.14	595838.35	590197.63	32°37'19.816"N	104°01'19.389"W	4.23
8579.00	73.900	271.600	8318.59	541.59	-25.26	-541.77	595808.72	590197.81	32°37'19.819"N	104°01'19.735"W	9.85
8611.00	76.500	271.000	8326.77	572.52	-24.56	-572.70	595777.80	590198.51	32°37'19.827"N	104°01'20.097"W	8.32
8642.00	79.100	270.600	8333.32	602.81	-24.14	-603.00	595747.50	590198.93	32°37'19.832"N	104°01'20.451"W	8.48
8674.00	81.700	269.700	8338.65	634.36	-24.06	-634.54	595715.96	590199.02	32°37'19.833"N	104°01'20.820"W	8.59
8706.00	84.100	272.400	8342.61	666.11	-23.47	-666.29	595684.22	590199.60	32°37'19.840"N	104°01'21.191"W	11.24
8736.00	86.400	269.700	8345.09	696.00	-22.93	-696.18	595654.33	590200.15	32°37'19.846"N	104°01'21.541"W	11.80
8816.00	89.300	275.200	8348.10	725.85	-19.51	-726.01	595574.51	590203.57	32°37'19.883"N	104°01'22.474"W	7.77
8848.00	89.200	271.900	8348.52	807.80	-17.53	-807.94	595542.58	590205.55	32°37'19.903"N	104°01'22.847"W	10.32
8880.00	88.600	271.700	8349.13	839.78	-16.52	-839.92	595510.60	590206.55	32°37'19.914"N	104°01'23.221"W	1.98
8912.00	90.300	270.700	8349.44	871.78	-15.85	-871.91	595478.62	590207.22	32°37'19.921"N	104°01'23.595"W	6.16
8943.00	91.500	270.000	8348.95	902.77	-15.66	-902.90	595447.62	590207.41	32°37'19.924"N	104°01'23.957"W	4.48
8975.00	91.600	269.800	8348.09	934.76	-15.72	-934.89	595415.64	590207.35	32°37'19.925"N	104°01'24.331"W	10.70

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWB
Facility	Three Palms 36 State Com #1H		

WELLPATH DATA (234 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]
9007.00	91.400	269.800	8347.25	966.75	-15.83	-966.88	595383.65	590207.24	32°37'19.924"N	104°01'24.705"W	0.62
9038.00	91.200	269.800	8346.54	997.74	-15.94	-997.87	595352.66	590207.13	32°37'19.924"N	104°01'25.068"W	0.65
9070.00	91.100	269.800	8345.90	1029.73	-16.05	-1029.86	595320.67	590207.02	32°37'19.924"N	104°01'25.442"W	0.31
9102.00	90.700	269.500	8345.40	1061.72	-16.24	-1061.86	595288.68	590206.83	32°37'19.923"N	104°01'25.816"W	1.56
9133.00	91.100	269.900	8344.91	1092.71	-16.41	-1092.85	595257.69	590206.67	32°37'19.922"N	104°01'26.178"W	0.82
9165.00	92.000	269.300	8344.05	1124.70	-16.63	-1124.84	595225.70	590206.44	32°37'19.921"N	104°01'26.552"W	3.38
9197.00	92.100	269.300	8342.90	1156.67	-17.02	-1156.82	595193.73	590206.05	32°37'19.918"N	104°01'26.926"W	0.31
9229.00	91.800	269.100	8341.81	1188.65	-17.47	-1188.80	595161.75	590205.60	32°37'19.915"N	104°01'27.300"W	1.13
9260.00	91.700	269.400	8340.87	1219.63	-17.87	-1219.78	595130.77	590205.20	32°37'19.912"N	104°01'27.662"W	1.02
9293.00	91.600	269.400	8339.92	1252.61	-18.22	-1252.76	595097.79	590204.85	32°37'19.909"N	104°01'28.048"W	0.30
9325.00	91.400	269.300	8339.08	1284.59	-18.58	-1284.75	595065.80	590204.49	32°37'19.906"N	104°01'28.422"W	0.70
9357.00	91.300	269.300	8338.32	1316.58	-18.97	-1316.74	595033.82	590204.10	32°37'19.903"N	104°01'28.796"W	0.31
9388.00	91.200	269.000	8337.65	1347.56	-19.43	-1347.73	595002.83	590203.64	32°37'19.900"N	104°01'29.158"W	1.02
9420.00	90.500	268.200	8337.17	1379.54	-20.21	-1379.72	594970.85	590202.86	32°37'19.893"N	104°01'29.532"W	3.32
9452.00	90.200	268.500	8336.98	1411.52	-21.13	-1411.70	594938.86	590201.94	32°37'19.885"N	104°01'29.906"W	1.33
9484.00	91.600	269.100	8336.48	1443.50	-21.80	-1443.69	594906.88	590201.27	32°37'19.879"N	104°01'30.280"W	4.76
9516.00	91.800	269.400	8335.53	1475.48	-22.22	-1475.67	594874.90	590200.85	32°37'19.876"N	104°01'30.654"W	1.13
9547.00	91.900	269.300	8334.53	1506.46	-22.57	-1506.65	594843.92	590200.50	32°37'19.873"N	104°01'31.016"W	0.46
9579.00	91.900	269.400	8333.46	1538.44	-22.94	-1538.63	594811.94	590200.13	32°37'19.871"N	104°01'31.390"W	0.31
9611.00	91.600	269.400	8332.49	1570.42	-23.27	-1570.62	594779.96	590199.80	32°37'19.868"N	104°01'31.764"W	0.94
9642.00	91.400	269.000	8331.68	1601.40	-23.71	-1601.60	594748.98	590199.37	32°37'19.865"N	104°01'32.127"W	1.44
9674.00	91.300	269.400	8330.92	1633.39	-24.15	-1633.59	594716.99	590198.92	32°37'19.861"N	104°01'32.501"W	1.29
9706.00	91.000	269.400	8330.28	1665.38	-24.49	-1665.58	594685.00	590198.59	32°37'19.859"N	104°01'32.875"W	0.94
9738.00	90.700	269.400	8329.81	1697.37	-24.82	-1697.58	594653.01	590198.25	32°37'19.856"N	104°01'33.249"W	0.94
9770.00	90.500	269.200	8329.47	1729.36	-25.21	-1729.57	594621.02	590197.86	32°37'19.854"N	104°01'33.623"W	0.88
9802.00	90.400	269.400	8329.22	1761.35	-25.60	-1761.57	594589.02	590197.47	32°37'19.851"N	104°01'33.997"W	0.70
9833.00	90.700	270.300	8328.92	1792.35	-25.68	-1792.57	594558.03	590197.39	32°37'19.851"N	104°01'34.359"W	3.06
9865.00	90.500	271.000	8328.59	1824.35	-25.32	-1824.57	594526.04	590197.75	32°37'19.855"N	104°01'34.733"W	2.27
9897.00	90.400	270.900	8328.33	1856.34	-24.79	-1856.56	594494.04	590198.28	32°37'19.861"N	104°01'35.107"W	0.44
9929.00	90.900	270.300	8327.97	1888.34	-24.46	-1888.56	594462.05	590198.62	32°37'19.866"N	104°01'35.481"W	2.44

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWB
Facility	Three Palms 36 State Com #1H		

WELLPATH DATA (234 stations)											
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [sry ft]	Grid North [sry ft]	Latitude	Longitude	DLS [°/100ft]
11861.00	90.600	267.900	8289.24	3819.35	8.76	-3819.38	592531.38	590231.83	32°37'20.249"N	104°01'58.055"W	3.12
11893.00	90.400	267.900	8288.96	3851.32	7.58	-3851.36	592499.41	590230.65	32°37'20.238"N	104°01'58.429"W	0.62
11925.00	90.600	268.100	8288.69	3883.29	6.47	-3883.34	592467.43	590229.54	32°37'20.228"N	104°01'58.803"W	0.88
11957.00	91.200	268.400	8288.18	3915.26	5.49	-3915.32	592435.45	590228.56	32°37'20.219"N	104°01'59.177"W	2.10
11988.00	91.500	268.200	8287.45	3946.23	4.57	-3946.30	592404.48	590227.64	32°37'20.211"N	104°01'59.539"W	1.16
12020.00	91.800	268.100	8286.53	3978.20	3.54	-3978.27	592372.51	590226.61	32°37'20.202"N	104°01'59.913"W	0.99
12052.00	91.900	268.700	8285.50	4010.16	2.65	-4010.24	592340.54	590225.71	32°37'20.194"N	104°02'00.286"W	1.90
12084.00	92.000	268.800	8284.41	4042.13	1.95	-4042.21	592308.57	590225.02	32°37'20.188"N	104°02'00.660"W	0.44
12116.00	90.000	269.400	8283.85	4074.11	1.44	-4074.20	592276.58	590224.51	32°37'20.184"N	104°02'01.034"W	6.53
12148.00	89.600	269.400	8283.96	4106.11	1.11	-4106.20	592244.59	590224.18	32°37'20.181"N	104°02'01.408"W	1.25
12180.00	89.800	269.200	8284.13	4138.10	0.72	-4138.20	592212.59	590223.79	32°37'20.178"N	104°02'01.783"W	0.88
12212.00	90.500	269.500	8284.05	4170.10	0.36	-4170.19	592180.60	590223.43	32°37'20.175"N	104°02'02.157"W	2.38
12243.00	90.800	269.900	8283.69	4201.09	0.19	-4201.19	592149.60	590223.26	32°37'20.175"N	104°02'02.519"W	1.61
12275.00	91.500	269.700	8283.05	4233.08	0.08	-4233.18	592117.61	590223.15	32°37'20.174"N	104°02'02.893"W	2.27
12307.00	91.800	269.700	8282.13	4265.07	-0.09	-4265.17	592085.63	590222.98	32°37'20.174"N	104°02'03.267"W	0.94
12339.00	91.500	270.600	8281.21	4297.05	0.00	-4297.16	592053.65	590223.07	32°37'20.175"N	104°02'03.641"W	2.96
12371.00	91.200	270.600	8280.46	4329.05	0.33	-4329.15	592021.66	590223.40	32°37'20.180"N	104°02'04.015"W	0.94
12402.00	91.300	270.200	8279.78	4360.04	0.55	-4360.14	591990.67	590223.62	32°37'20.183"N	104°02'04.377"W	1.33
12434.00	91.500	269.700	8279.00	4392.03	0.52	-4392.13	591958.68	590223.59	32°37'20.183"N	104°02'04.751"W	1.68
12466.00	91.900	269.600	8278.05	4424.01	0.33	-4424.11	591926.70	590223.40	32°37'20.182"N	104°02'05.125"W	1.29
12497.00	90.800	269.700	8277.32	4455.00	0.14	-4455.10	591895.71	590223.21	32°37'20.181"N	104°02'05.488"W	3.56
12529.00	91.100	269.800	8276.79	4486.99	0.00	-4487.10	591863.72	590223.07	32°37'20.181"N	104°02'05.862"W	0.99
12555.00	90.500	270.200	8276.42	4512.99	0.00	-4513.10	591837.72	590223.07	32°37'20.181"N	104°02'06.166"W	2.77
12608.00	90.500	270.200	8275.96	4565.99	0.18	-4566.09	591784.73	590223.25	32°37'20.185"N	104°02'06.785"W	0.00

Actual Wellpath Report

No. 1H AWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Three Palms) Sec 36, T19S, R29E	Wellbore	No. 1H AWB
Facility	Three Palms 36 State Com #1H		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 1H PBHL		8350.00	31.90	-4627.48	591723.35	590254.97	32°37'20.500"N	104°02'07.502"W	point

WELLPATH COMPOSITION					Ref Wellbore: No. 1H AWB	Ref Wellpath: No. 1H AWP
Start MD [ft]	End MD [ft]	Positional Uncertainty Model		Log Name/Comment		Wellbore
0.00	7582.00	Generic gyro - continuous (Standard)		Gyro (100 - 7582)		No. 1H AWB
7582.00	12555.00	NaviTrak (Standard)		MWD (7611 - 12555)		No. 1H AWB
12555.00	12608.00	Blind Drilling (std)		Projection to bit		No. 1H AWB

MEWBOURNE OIL

Parkway

Eddy County, NM

Tree Palms 36 State Com #1H

VH - Job #32K0810594

Survey: Actual

SDI Standard Survey Report

22 August, 2010

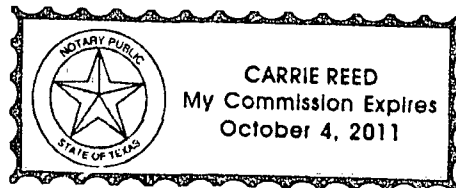
This survey is correct to the best of my knowledge and is supported by actual field data.

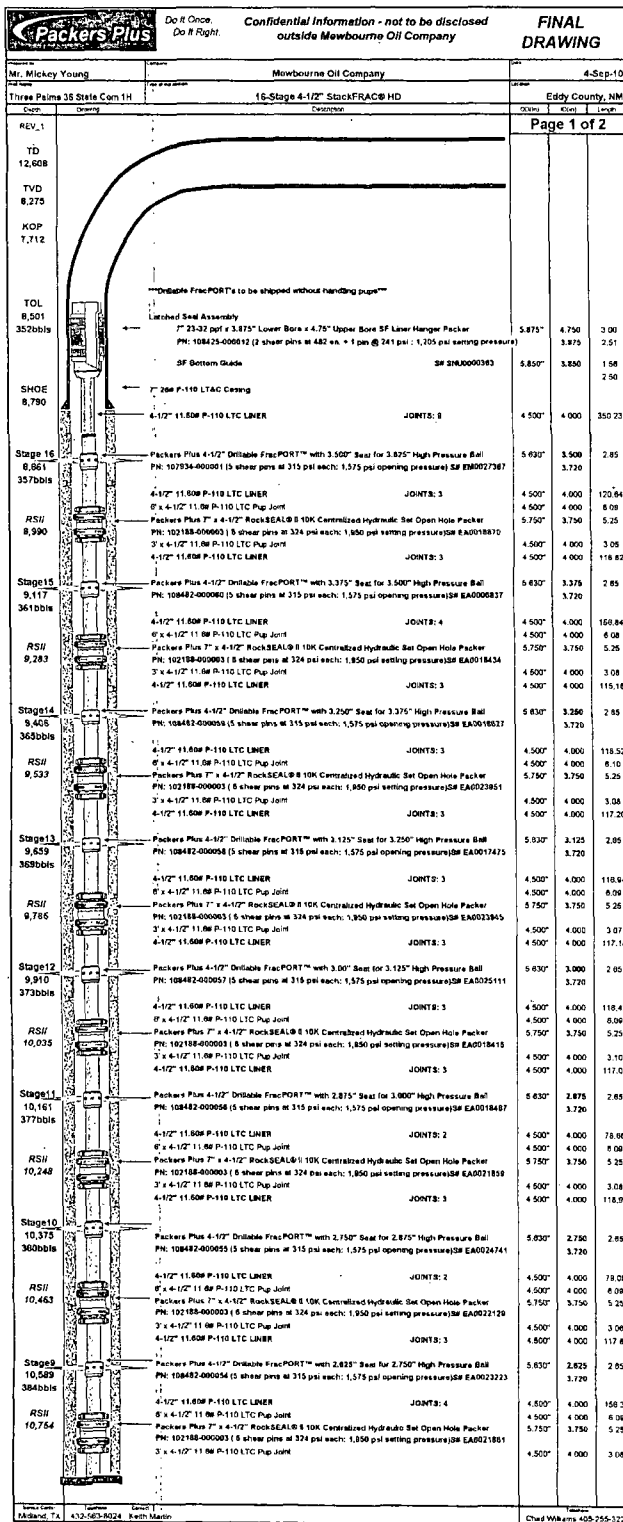
Richard

Notorized this date 7th of September, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas





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Three Palms Final v10

G.S 12,395		PH: 108038-000011 (3 pins at 388 psi each: 1,098 psi closing pressure) SF EA0023780	5.000"	NA	1.34
		4-1/2" LTC Single Valve Float Collar PH: 104733	4.500"	4.000	5.93
		6" x 4-1/2" 11.80 P-110 LTC x BTC Combo Pup Joint	5.000"	NA	1.48
		4-1/2" LTC Single Valve Float Collar PH: 104733	5.000"	2.750	0.75
		4-1/2" LTC Guide Shoe PH: 104818-000003			
Units: Feet		Units: Feet			
Mileland, TX	432-563-8024 Keith Martin	Chart Williams 405-255-3223			

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Three Palms Final v10

43	One Jt. 4-1/2" 11.80 P-110 LTC Liner	38.44	10551.44	1843.56	
44	One Jt. 4-1/2" 11.80 P-110 LTC Liner	39.21	10512.23	1882.77	

PACKERS PLUS - PACKER PLACEMENT

32	3 1/2" 13.3# Drill Pipe Joint	31.90	5493.31	6901.69
x	3 1/2" 13.3# Drill Pipe Joint	31.72	5461.59	6933.41
xx	3 1/2" 13.3# Drill Pipe Joint	32.02	5429.57	6965.43
33	3 1/2" 13.3# Drill Pipe Joint	32.01	5397.56	6997.44
x	3 1/2" 13.3# Drill Pipe Joint	31.91	5365.65	7029.35
xx	3 1/2" 13.3# Drill Pipe Joint	31.60	5334.05	7060.95
34	3 1/2" 13.3# Drill Pipe Joint	31.70	5302.35	7092.65
x	3 1/2" 13.3# Drill Pipe Joint	31.87	5270.48	7124.52
xx	3 1/2" 13.3# Drill Pipe Joint	31.97	5238.51	7156.49
35	3 1/2" 13.3# Drill Pipe Joint	31.48	5207.03	7187.97
x	3 1/2" 13.3# Drill Pipe Joint	31.88	5175.15	7219.85
xx	3 1/2" 13.3# Drill Pipe Joint	31.98	5143.17	7251.83
36	3 1/2" 13.3# Drill Pipe Joint	32.04	5111.13	7283.87
x	3 1/2" 13.3# Drill Pipe Joint	31.73	5079.40	7315.60
xx	3 1/2" 13.3# Drill Pipe Joint	31.90	5047.50	7347.50
37	3 1/2" 13.3# Drill Pipe Joint	31.75	5015.75	7379.25
x	3 1/2" 13.3# Drill Pipe Joint	31.58	4984.17	7410.83
xx	3 1/2" 13.3# Drill Pipe Joint	31.88	4952.29	7442.71
38	3 1/2" 13.3# Drill Pipe Joint	31.98	4920.31	7474.69
x	3 1/2" 13.3# Drill Pipe Joint	31.70	4888.61	7506.39
xx	3 1/2" 13.3# Drill Pipe Joint	31.43	4857.18	7537.82
39	3 1/2" 13.3# Drill Pipe Joint	32.04	4825.14	7569.86
x	3 1/2" 13.3# Drill Pipe Joint	31.83	4793.31	7601.69
xx	3 1/2" 13.3# Drill Pipe Joint	31.59	4761.72	7633.28
40	3 1/2" 13.3# Drill Pipe Joint	31.65	4730.07	7664.93
x	3 1/2" 13.3# Drill Pipe Joint	31.90	4698.17	7696.83
xx	3 1/2" 13.3# Drill Pipe Joint	32.00	4666.17	7728.83
41	3 1/2" 13.3# Drill Pipe Joint	31.83	4634.34	7760.66
x	3 1/2" 13.3# Drill Pipe Joint	31.85	4602.49	7792.51
xx	3 1/2" 13.3# Drill Pipe Joint	31.70	4570.79	7824.21
42	3 1/2" 13.3# Drill Pipe Joint	31.90	4538.89	7856.11
x	3 1/2" 13.3# Drill Pipe Joint	31.95	4506.94	7888.06
xx	3 1/2" 13.3# Drill Pipe Joint	31.96	4474.98	7920.02
43	3 1/2" 13.3# Drill Pipe Joint	31.83	4443.15	7951.85
x	3 1/2" 13.3# Drill Pipe Joint	31.68	4411.47	7983.53
xx	3 1/2" 13.3# Drill Pipe Joint	31.89	4379.58	8015.42
44	3 1/2" 13.3# Drill Pipe Joint	31.48	4348.10	8046.90
x	3 1/2" 13.3# Drill Pipe Joint	31.75	4316.35	8078.65
xx	3 1/2" 13.3# Drill Pipe Joint	31.80	4284.55	8110.45
45	3 1/2" 13.3# Drill Pipe Joint	31.95	4252.60	8142.40
x	3 1/2" 13.3# Drill Pipe Joint	31.80	4220.80	8174.20
xx	3 1/2" 13.3# Drill Pipe Joint	31.75	4189.05	8205.95
46	3 1/2" 13.3# Drill Pipe Joint	31.95	4157.10	8237.90
x	3 1/2" 13.3# Drill Pipe Joint	31.30	4125.80	8269.20
xx	3 1/2" 13.3# Drill Pipe Joint	31.91	4093.89	8301.11
47	3 1/2" 13.3# Drill Pipe Joint	31.84	4062.05	8332.95
x	3 1/2" 13.3# Drill Pipe Joint	31.89	4030.16	8364.84
xx	3 1/2" 13.3# Drill Pipe Joint	31.18	3998.98	8396.02
48	3 1/2" 13.3# Drill Pipe Joint	31.72	3967.26	8427.74
x	3 1/2" 13.3# Drill Pipe Joint	31.92	3935.34	8459.66
xx	3 1/2" 13.3# Drill Pipe Joint	31.74	3903.60	8491.40
49	3 1/2" 13.3# Drill Pipe Joint	31.93	3871.67	8523.33
x	3 1/2" 13.3# Drill Pipe Joint	31.16	3840.51	8554.49
xx	3 1/2" 13.3# Drill Pipe Joint	31.94	3808.57	8586.43
50	3 1/2" 13.3# Drill Pipe Joint	31.91	3776.66	8618.34
x	3 1/2" 13.3# Drill Pipe Joint	31.88	3744.78	8650.22
xx	3 1/2" 13.3# Drill Pipe Joint	31.91	3712.87	8682.13
51	3 1/2" 13.3# Drill Pipe Joint	31.97	3680.90	8714.10
x	3 1/2" 13.3# Drill Pipe Joint	31.52	3649.38	8745.62
xx	3 1/2" 13.3# Drill Pipe Joint	31.45	3617.93	8777.07
52	3 1/2" 13.3# Drill Pipe Joint	31.98	3585.95	8809.05
x	3 1/2" 13.3# Drill Pipe Joint	31.78	3554.17	8840.83
xx	3 1/2" 13.3# Drill Pipe Joint	31.43	3522.74	8872.26
53	3 1/2" 13.3# Drill Pipe Joint	31.87	3490.87	8904.13
x	3 1/2" 13.3# Drill Pipe Joint	31.51	3459.36	8935.64
xx	3 1/2" 13.3# Drill Pipe Joint	31.76	3427.60	8967.40
54	3 1/2" 13.3# Drill Pipe Joint	31.85	3395.75	8999.25
x	3 1/2" 13.3# Drill Pipe Joint	31.85	3363.90	9031.10
xx	3 1/2" 13.3# Drill Pipe Joint	31.87	3332.03	9062.97
55	3 1/2" 13.3# Drill Pipe Joint	31.85	3300.18	9094.82
x	3 1/2" 13.3# Drill Pipe Joint	31.61	3268.57	9126.43
xx	3 1/2" 13.3# Drill Pipe Joint	31.94	3236.63	9158.37
56	3 1/2" 13.3# Drill Pipe Joint	31.64	3204.99	9190.01
x	3 1/2" 13.3# Drill Pipe Joint	32.04	3172.95	9222.05
xx	3 1/2" 13.3# Drill Pipe Joint	31.42	3141.53	9253.47
57	3 1/2" 13.3# Drill Pipe Joint	31.54	3109.99	9285.01
x	3 1/2" 13.3# Drill Pipe Joint	31.74	3078.25	9316.75
xx	3 1/2" 13.3# Drill Pipe Joint	32.03	3046.22	9348.78
58	3 1/2" 13.3# Drill Pipe Joint	31.50	3014.72	9380.28
x	3 1/2" 13.3# Drill Pipe Joint	31.96	2982.76	9412.24
xx	3 1/2" 13.3# Drill Pipe Joint	31.76	2951.00	9444.00
59	3 1/2" 13.3# Drill Pipe Joint	31.98	2919.02	9475.98
x	3 1/2" 13.3# Drill Pipe Joint	31.88	2887.14	9507.86
xx	3 1/2" 13.3# Drill Pipe Joint	31.95	2855.19	9539.81
60	3 1/2" 13.3# Drill Pipe Joint	31.68	2823.51	9571.49
x	3 1/2" 13.3# Drill Pipe Joint	31.87	2791.64	9603.36
xx	3 1/2" 13.3# Drill Pipe Joint	32.04	2759.60	9635.40
61	3 1/2" 13.3# Drill Pipe Joint	30.62	2728.98	9666.02
x	3 1/2" 13.3# Drill Pipe Joint	31.69	2697.29	9697.71

PACKERS PLUS - PACKER PLACEMENT

xx	3 1/2" 13.3# Drill Pipe Joint	31.85	2665.44	9729.56
62	3 1/2" 13.3# Drill Pipe Joint	31.69	2633.75	9761.25
x	3 1/2" 13.3# Drill Pipe Joint	32.01	2601.74	9793.26
xx	3 1/2" 13.3# Drill Pipe Joint	32.00	2569.74	9825.26
63	3 1/2" 13.3# Drill Pipe Joint	31.97	2537.77	9857.23
x	3 1/2" 13.3# Drill Pipe Joint	32.06	2505.71	9889.29
xx	3 1/2" 13.3# Drill Pipe Joint	31.82	2473.89	9921.11
64	3 1/2" 13.3# Drill Pipe Joint	31.87	2442.02	9952.98
x	3 1/2" 13.3# Drill Pipe Joint	31.93	2410.09	9984.91
xx	3 1/2" 13.3# Drill Pipe Joint	31.90	2378.19	10016.81
65	3 1/2" 13.3# Drill Pipe Joint	31.75	2346.44	10048.56
x	3 1/2" 13.3# Drill Pipe Joint	31.64	2314.80	10080.20
xx	3 1/2" 13.3# Drill Pipe Joint	31.80	2283.00	10112.00
66	3 1/2" 13.3# Drill Pipe Joint	31.73	2251.27	10143.73
x	3 1/2" 13.3# Drill Pipe Joint	31.94	2219.33	10175.67
xx	3 1/2" 13.3# Drill Pipe Joint	31.81	2187.52	10207.48
67	3 1/2" 13.3# Drill Pipe Joint	31.38	2156.14	10238.86
x	3 1/2" 13.3# Drill Pipe Joint	31.78	2124.36	10270.64
xx	3 1/2" 13.3# Drill Pipe Joint	31.53	2092.83	10302.17
68	3 1/2" 13.3# Drill Pipe Joint	31.52	2061.31	10333.69
x	3 1/2" 13.3# Drill Pipe Joint	31.80	2029.51	10365.49
xx	3 1/2" 13.3# Drill Pipe Joint	32.00	1997.51	10397.49
69	3 1/2" 13.3# Drill Pipe Joint	31.71	1965.80	10429.20
x	3 1/2" 13.3# Drill Pipe Joint	31.87	1933.93	10461.07
xx	3 1/2" 13.3# Drill Pipe Joint	31.74	1902.19	10492.81
70	3 1/2" 13.3# Drill Pipe Joint	31.91	1870.28	10524.72
x	3 1/2" 13.3# Drill Pipe Joint	31.86	1838.42	10556.58
xx	3 1/2" 13.3# Drill Pipe Joint	31.92	1806.50	10588.50
71	3 1/2" 13.3# Drill Pipe Joint	31.41	1775.09	10619.91
x	3 1/2" 13.3# Drill Pipe Joint	31.72	1743.37	10651.63
xx	3 1/2" 13.3# Drill Pipe Joint	31.95	1711.42	10683.58
72	3 1/2" 13.3# Drill Pipe Joint	31.95	1679.47	10715.53
x	3 1/2" 13.3# Drill Pipe Joint	31.88	1647.59	10747.41
xx	3 1/2" 13.3# Drill Pipe Joint	31.61	1615.98	10779.02
73	3 1/2" 13.3# Drill Pipe Joint	31.97	1584.01	10810.99
x	3 1/2" 13.3# Drill Pipe Joint	31.72	1552.29	10842.71
xx	3 1/2" 13.3# Drill Pipe Joint	31.75	1520.54	10874.46
74	3 1/2" 13.3# Drill Pipe Joint	32.00	1488.54	10906.46
x	3 1/2" 13.3# Drill Pipe Joint	31.75	1456.79	10938.21
xx	3 1/2" 13.3# Drill Pipe Joint	31.82	1424.97	10970.03
75	3 1/2" 13.3# Drill Pipe Joint	31.70	1393.27	11001.73
x	3 1/2" 13.3# Drill Pipe Joint	31.94	1361.33	11033.67
xx	3 1/2" 13.3# Drill Pipe Joint	32.04	1329.29	11065.71
76	3 1/2" 13.3# Drill Pipe Joint	31.99	1297.30	11097.70
x	3 1/2" 13.3# Drill Pipe Joint	31.90	1265.40	11129.60
xx	3 1/2" 13.3# Drill Pipe Joint	31.81	1233.59	11161.41
77	3 1/2" 13.3# Drill Pipe Joint	31.75	1201.84	11193.16
x	3 1/2" 13.3# Drill Pipe Joint	31.88	1169.96	11225.04
xx	3 1/2" 13.3# Drill Pipe Joint	31.79	1138.17	11256.83
78	3 1/2" 13.3# Drill Pipe Joint	31.86	1106.31	11288.69
x	3 1/2" 13.3# Drill Pipe Joint	31.87	1074.44	11320.56
xx	3 1/2" 13.3# Drill Pipe Joint	31.75	1042.69	11352.31
79	3 1/2" 13.3# Drill Pipe Joint	32.02	1010.67	11384.33
x	3 1/2" 13.3# Drill Pipe Joint	31.99	978.68	11416.32
xx	3 1/2" 13.3# Drill Pipe Joint	31.61	947.07	11447.93
80	3 1/2" 13.3# Drill Pipe Joint	31.75	915.32	11479.68
x	3 1/2" 13.3# Drill Pipe Joint	31.50	883.82	11511.18
xx	3 1/2" 13.3# Drill Pipe Joint	31.91	851.91	11543.09
81	3 1/2" 13.3# Drill Pipe Joint	31.84	820.07	11574.93
x	3 1/2" 13.3# Drill Pipe Joint	31.82	788.25	11606.75
xx	3 1/2" 13.3# Drill Pipe Joint	31.47	756.78	11638.22
82	3 1/2" 13.3# Drill Pipe Joint	31.84	724.94	11670.06
x	3 1/2" 13.3# Drill Pipe Joint	31.98	692.96	11702.04
xx	3 1/2" 13.3# Drill Pipe Joint	31.83	661.13	11733.87
83	3 1/2" 13.3# Drill Pipe Joint	31.29	629.84	11765.16
x	3 1/2" 13.3# Drill Pipe Joint	31.92	597.92	11797.08
xx	3 1/2" 13.3# Drill Pipe Joint	31.50	566.42	11828.58
84	3 1/2" 13.3# Drill Pipe Joint	32.03	534.39	11860.61
x	3 1/2" 13.3# Drill Pipe Joint	31.83	502.56	11892.44
xx	3 1/2" 13.3# Drill Pipe Joint	31.12	471.44	11923.56
85	3 1/2" 13.3# Drill Pipe Joint	31.75	439.69	11955.31
x	3 1/2" 13.3# Drill Pipe Joint	31.64	408.05	11986.95
xx	3 1/2" 13.3# Drill Pipe Joint	31.70	376.35	12018.65
86	3 1/2" 13.3# Drill Pipe Joint	31.85	344.50	12050.50
x	3 1/2" 13.3# Drill Pipe Joint	31.97	312.53	12082.47
xx	3 1/2" 13.3# Drill Pipe Joint	32.00	280.53	12114.47
87	3 1/2" 13.3# Drill Pipe Joint	31.79	248.74	12146.26
x	3 1/2" 13.3# Drill Pipe Joint	31.82	216.92	12178.08
xx	3 1/2" 13.3# Drill Pipe Joint	31.71	185.21	12209.79
88	3 1/2" 13.3# Drill Pipe Joint	32.00	153.21	12241.79
x	3 1/2" 13.3# Drill Pipe Joint	31.87	121.34	12273.66
xx	3 1/2" 13.3# Drill Pipe Joint	32.01	89.33	12305.67
89	3 1/2" 13.3# Drill Pipe Joint	31.82	57.51	12337.49
x	3 1/2" 13.3# Drill Pipe Joint	31.85	25.66	12369.34
xx	3 1/2" 13.3# Drill Pipe Joint	31.92	-6.26	12401.26
			-6.26	12401.26
			-6.26	12401.26
			-6.26	12401.26
			-6.26	12401.26