

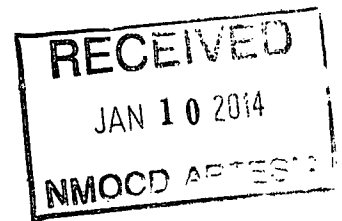


3335 Pollok Drive
Conroe, Texas 77303

936.442.2500 (office)
936.442.2599 (fax)
www.msenergyservices.com

Surveyor Certification Form

Survey Company: MS ENERGY SERVICES
Surveyors Name: JARED MAYERS
Survey Job Type: RATE GYRO
Customer: OXY USA, INC.
Well: BANK 18 FEDERAL 1H
API: 30-015-41447
Surveyed from: SURFACE TO A DEPTH OF 2622' M.D.
Survey Run Date: 10-11-13
Surface Location: LEA COUNTY, NM



I certify that the data is true, correct, and complete and within the limitations of the tool set forth by MS Energy Services; that I am authorized and qualified to make this report; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by MS Energy Services.

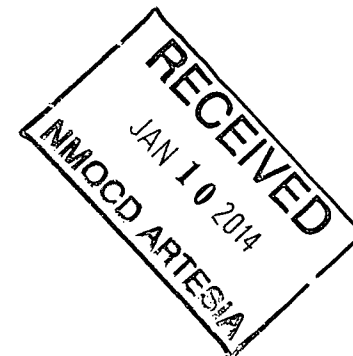
Jared Mayers Digitally signed by Jared Mayers
DN: cn=Jared Mayers, o=MS Energy Services, ou=MS
Survey, email=jamayers@msenergyservices.com, c=US
Date: 2013.01.02 15:46:01 -06'00'



Job Number: SVMO-130848
 Company: OXY USA, Inc.
 Lease/Well: Bank 18 Federal 1H
 Location: Lea County, NM
 Rig Name: H&P #477
 RKB: 25.5'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.49°
 Grid: East To Grid North
 File name: S:\SURVEY\NEWSUR-1\RRC\WINSER-1\2013SU-1\OXY\MO\BANK\18F
 Date/Time: 14-Oct-13 / 15:20
 Curve Name: Surface - 2622' M.D. (Rate Gyro)

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 98.56
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
86.00	1.60	297.76	85.99	.56	-1.06	-1.13	1.20	297.76	1.86
146.00	2.08	295.81	145.96	1.42	-2.78	-2.96	3.13	297.08	.81
236.00	2.43	299.70	235.89	3.08	-5.91	-6.30	6.67	297.52	.42
326.00	2.52	298.01	325.80	4.95	-9.32	-9.95	10.55	298.01	.13
416.00	2.42	290.51	415.72	6.55	-12.84	-13.67	14.42	297.02	.38
506.00	2.31	284.86	505.64	7.68	-16.37	-17.34	18.09	295.13	.29
596.00	2.34	280.62	595.57	8.48	-19.93	-20.97	21.66	293.05	.19
686.00	2.32	271.99	685.50	8.89	-23.56	-24.62	25.18	290.66	.39
776.00	2.40	263.27	775.42	8.73	-27.25	-28.25	28.62	287.76	.41

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
871.00	2.65	252.93	870.33	7.85	-31.33	-32.15	32.30	284.07	.55
965.00	3.15	244.71	964.21	6.11	-35.74	-36.25	36.26	279.70	.69
1060.00	3.54	240.39	1059.05	3.55	-40.65	-40.72	40.80	274.98	.49
1154.00	3.81	238.44	1152.85	.48	-45.83	-45.39	45.84	270.60	.32
1249.00	3.86	234.99	1247.64	-3.01	-51.14	-50.12	51.23	266.63	.25
1343.00	3.77	230.74	1341.43	-6.78	-56.13	-54.49	56.53	263.11	.32
1438.00	3.66	228.34	1436.23	-10.77	-60.81	-58.53	61.76	259.95	.20
1532.00	3.24	228.78	1530.06	-14.52	-65.05	-62.16	66.65	257.42	.45
1626.00	3.10	229.76	1623.92	-17.91	-68.99	-65.55	71.27	255.45	.16
1721.00	3.02	235.61	1718.78	-20.98	-73.01	-69.08	75.97	253.97	.34
1815.00	2.83	233.08	1812.66	-23.78	-76.91	-72.52	80.50	252.82	.24
1910.00	2.26	227.57	1907.57	-26.45	-80.17	-75.34	84.42	251.74	.65
2004.00	1.93	197.02	2001.51	-29.21	-82.00	-76.74	87.05	250.39	1.22
2098.00	2.23	165.80	2095.45	-32.50	-82.02	-76.27	88.22	248.38	1.23
2193.00	1.79	162.36	2190.39	-35.70	-81.11	-74.90	88.62	246.24	.48
2287.00	1.78	164.75	2284.34	-38.51	-80.28	-73.66	89.04	244.37	.08
2382.00	2.84	158.05	2379.26	-42.12	-79.02	-71.87	89.54	241.94	1.15
2476.00	3.89	153.99	2473.10	-47.14	-76.75	-68.88	90.07	238.44	1.14
2571.00	3.50	152.66	2567.90	-52.62	-74.00	-65.35	90.80	234.59	.42
Last Survey Depth Recorded									
2622.00	3.08	154.12	2618.82	-55.23	-72.69	-63.66	91.29	232.77	.84



Weatherford

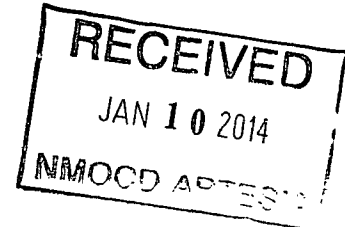
Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Occidental Permian Ltd.
5 Greenway Plaza Suite 110
Houston Tx 77046

Date: November 14, 2013

Attention: Anthony Tsacher

Re: Occidental Permian Ltd
Well: Bank 18 Fed Com 1H
Eddy County, New Mexico



Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
John Self	1H	2806' MD	10-13-2013	Measurement
MWD Supervisor		12613' MD	10-26-2013	While Drilling

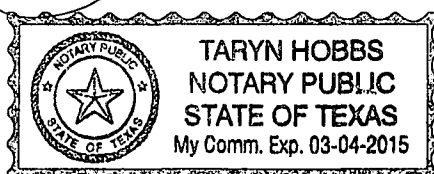
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Aguilar
MWD Coordinator

On this, the 20th day of November, 2013, before me a notary public, the undersigned officer, personally appeared JESUS AGUILAR, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Notary Public





Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd.		Date: 11/14/2013		Time: 12:27:31		Page: 1	
Field: Eddy Co, NM-(Nad 27)		Co-ordinate(NE) Reference:		Well: Bank 18 Fed #1H, Grid North			
Site: Bank 18 Fed #1H		Vertical (TVD) Reference:		SITE 3004.5			
Well: Bank 18 Fed #1H		Section (VS) Reference:		Well (0.00N,0.00E,98.56Azi)			
Wellpath: 1		Survey Calculation Method:		Minimum Curvature		Db: Sybase	

Survey: WFT MWD		Start Date: 10/13/2013	
Company: Weatherford International Ltd.		Engineer: Michael Dill	
Tool: MWD;MWD - Standard		Tied-to: From: Gyro MS	

Site: Bank 18 Fed #1H			
Site Position:	Northing: 477467.00 ft	Latitude: 32 18 44.311 N	
From: Map	Easting: 593712.70 ft	Longitude: 104 1 47.989 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 2979.50 ft		Grid Convergence: 0.16 deg	

Well: Bank 18 Fed #1H		Slot Name:	
Well Position: +N/-S 0.00 ft	Northing: 477467.00 ft	Latitude: 32 18 44.311 N	
+E/-W 0.00 ft	Easting: 593712.70 ft	Longitude: 104 1 47.989 W	
Position Uncertainty: 0.00 ft			

Wellpath: 1		Drilled From: Surface	
Current Datum: SITE		Tie-on Depth: 0.00 ft	
Magnetic Data: 8/26/2013		Above System Datum: Mean Sea Level	
Field Strength: 48425 nT		Declination: 7.54 deg	
Vertical Section: Depth From (TVD)		Mag Dip Angle: 60.14 deg	
ft	+N/-S ft	+E/-W ft	Direction deg
0.00	0.00	0.00	98.56

Survey										
MD ft	Incl. deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
2622.00	3.08	154.12	2618.82	-55.23	-72.69	0.00	-63.66	477411.77	593640.01	Tie On Gyro First WFT Svy
2806.00	3.02	146.46	2802.56	-63.72	-67.85	0.22	-57.61	477403.28	593644.85	
2932.00	2.06	149.37	2928.43	-68.43	-64.87	0.77	-53.96	477398.57	593647.83	
3027.00	1.10	159.02	3023.40	-70.75	-63.67	1.05	-52.43	477396.25	593649.03	
3121.00	1.25	153.04	3117.38	-72.51	-62.88	0.21	-51.39	477394.49	593649.82	
3216.00	1.04	212.82	3212.36	-74.16	-62.88	1.22	-51.14	477392.84	593649.82	
3311.00	1.20	218.11	3307.34	-75.67	-63.96	0.20	-51.99	477391.33	593648.74	
3500.00	1.38	215.66	3496.30	-79.07	-66.51	0.10	-54.00	477387.93	593646.19	
3689.00	1.16	218.48	3685.25	-82.42	-69.03	0.12	-55.99	477384.58	593643.67	
3878.00	1.32	219.80	3874.20	-85.59	-71.61	0.09	-58.07	477381.41	593641.09	
4067.00	1.19	224.16	4063.16	-88.67	-74.37	0.09	-60.34	477378.33	593638.33	
4256.00	1.40	227.78	4252.11	-91.63	-77.45	0.12	-62.95	477375.37	593635.25	
4445.00	1.41	220.97	4441.05	-94.94	-80.68	0.09	-65.65	477372.06	593632.02	
4634.00	2.13	223.83	4629.96	-99.23	-84.64	0.38	-68.93	477367.77	593628.06	
4824.00	5.07	212.95	4819.57	-108.82	-91.65	1.58	-74.43	477358.18	593621.05	
5013.00	5.68	214.91	5007.74	-123.50	-101.55	0.34	-82.03	477343.50	593611.15	
5202.00	5.46	214.47	5195.84	-138.58	-111.99	0.12	-90.11	477328.42	593600.71	
5391.00	5.09	218.03	5384.04	-152.60	-122.24	0.26	-98.17	477314.40	593590.46	
5581.00	4.98	217.05	5573.31	-165.82	-132.40	0.07	-106.25	477301.18	593580.30	
5770.00	3.92	219.67	5761.74	-177.34	-141.47	0.57	-113.50	477289.66	593571.23	
5959.00	2.06	228.53	5950.47	-184.56	-148.14	1.01	-119.02	477282.44	593564.56	
6148.00	1.35	232.43	6139.39	-188.17	-152.45	0.38	-122.75	477278.83	593560.25	
6337.00	0.76	248.14	6328.36	-189.99	-155.38	0.34	-125.37	477277.01	593557.32	
6526.00	0.99	275.60	6517.34	-190.30	-158.17	0.25	-128.08	477276.70	593554.53	
6714.00	0.94	267.71	6705.31	-190.20	-161.33	0.08	-131.22	477276.80	593551.37	
6903.00	1.20	288.84	6894.28	-189.63	-164.75	0.25	-134.69	477277.37	593547.95	
7093.00	1.40	278.32	7084.23	-188.65	-168.93	0.16	-138.97	477278.35	593543.77	
7282.00	0.47	61.11	7273.21	-187.94	-170.53	0.95	-140.66	477279.06	593542.17	
7471.00	1.10	41.37	7462.19	-186.20	-168.66	0.36	-139.06	477280.80	593544.04	
7660.00	1.09	3.41	7651.16	-183.05	-167.35	0.38	-138.24	477283.95	593545.35	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd.
Field: Eddy Co, NM (Nad 27)
Site: Bank 18 Fed #1H
Well: Bank 18 Fed #1H
Wellpath: 1

Date: 11/14/2013 Time: 12:27:31 Page: 2
Co-ordinate(NE) Reference: Well: Bank 18 Fed #1H, Grid North
Vertical (TVD) Reference: SITE 3004.5
Section (VS) Reference: Well (0.00N,0.00E,98.56Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLŚ deg/100ft	VS ft	MapN ft	MapE ft	Comment
7706.00	0.98	4.11	7697.15	-182.22	-167.29	0.24	-138.31	477284.78	593545.41	
7750.00	1.21	14.23	7741.15	-181.39	-167.15	0.68	-138.29	477285.61	593545.55	
7782.00	4.41	69.30	7773.11	-180.63	-165.92	12.02	-137.18	477286.37	593546.78	
7813.00	8.53	80.45	7803.90	-179.83	-162.54	13.83	-133.96	477287.17	593550.16	
7845.00	11.42	77.78	7835.42	-178.76	-157.10	9.14	-128.74	477288.24	593555.60	
7876.00	15.45	70.89	7865.56	-176.76	-150.19	13.97	-122.21	477290.24	593562.51	
7908.00	17.63	66.67	7896.24	-173.45	-141.72	7.77	-114.32	477293.55	593570.98	
7939.00	21.61	72.49	7925.44	-169.87	-131.96	14.29	-105.20	477297.13	593580.74	
7970.00	23.95	77.27	7954.02	-166.76	-120.37	9.62	-94.21	477300.24	593592.33	
8002.00	26.53	82.33	7982.97	-164.38	-106.95	10.50	-81.29	477302.62	593605.75	
8034.00	28.53	85.85	8011.34	-162.87	-92.24	8.05	-66.97	477304.13	593620.46	
8065.00	29.09	91.94	8038.51	-162.59	-77.32	9.63	-52.26	477304.41	593635.38	
8097.00	30.48	94.04	8066.28	-163.42	-61.45	5.43	-36.44	477303.58	593651.25	
8128.00	32.04	94.82	8092.78	-164.67	-45.42	5.20	-20.40	477302.33	593667.28	
8159.00	34.17	92.55	8118.75	-165.75	-28.52	7.95	-3.53	477301.25	593684.18	
8191.00	35.90	93.05	8144.95	-166.65	-10.17	5.48	14.74	477300.35	593702.53	
8222.00	38.45	97.51	8169.65	-168.39	8.46	11.96	33.43	477298.61	593721.16	
8254.00	39.62	101.34	8194.51	-171.70	28.34	8.38	53.58	477295.30	593741.04	
8285.00	42.17	101.88	8217.94	-175.78	48.21	8.30	73.84	477291.22	593760.91	
8317.00	44.83	100.25	8241.16	-180.00	69.83	9.02	95.84	477287.00	593782.53	
8348.00	46.93	99.71	8262.74	-183.86	91.75	6.89	118.09	477283.14	593804.45	
8380.00	48.41	98.59	8284.28	-187.62	115.10	5.30	141.74	477279.38	593827.80	
8411.00	51.47	97.45	8304.23	-190.92	138.59	10.26	165.47	477276.08	593851.29	
8443.00	54.17	97.28	8323.57	-194.19	163.88	8.45	190.95	477272.81	593876.58	
8474.00	57.94	98.79	8340.88	-197.79	189.33	12.81	216.66	477269.21	593902.03	
8506.00	61.42	100.93	8357.03	-202.53	216.54	12.31	244.27	477264.47	593929.24	
8537.00	64.48	100.67	8371.13	-207.70	243.66	9.90	271.86	477259.30	593956.36	
8569.00	67.46	100.46	8384.16	-213.06	272.38	9.33	301.06	477253.94	593985.08	
8600.00	69.98	99.72	8395.41	-218.12	300.82	8.43	329.94	477248.88	594013.52	
8632.00	72.03	98.87	8405.82	-223.00	330.68	6.88	360.19	477244.00	594043.38	
8663.00	74.65	97.64	8414.71	-227.26	360.07	9.27	389.88	477239.74	594072.77	
8695.00	76.23	98.03	8422.75	-231.49	390.75	5.08	420.85	477235.51	594103.45	
8726.00	76.95	98.25	8429.94	-235.76	420.60	2.42	451.01	477231.24	594133.30	
8758.00	77.01	97.50	8437.15	-240.03	451.48	2.29	482.18	477226.97	594164.18	
8789.00	78.82	97.01	8443.64	-243.86	481.55	6.04	512.49	477223.14	594194.25	
8821.00	80.65	96.65	8449.34	-247.60	512.82	5.82	543.96	477219.40	594225.52	
8852.00	81.92	95.96	8454.04	-250.96	543.27	4.65	574.58	477216.04	594255.97	
8884.00	84.18	95.84	8457.91	-254.23	574.87	7.07	606.30	477212.77	594287.57	
8915.00	85.44	95.96	8460.72	-257.40	605.58	4.08	637.14	477209.60	594318.28	
8946.00	87.06	96.10	8462.74	-260.65	636.34	5.25	668.05	477206.35	594349.04	
8978.00	88.60	95.89	8463.96	-263.99	668.14	4.86	699.99	477203.01	594380.84	
9010.00	88.74	95.97	8464.70	-267.30	699.96	0.50	731.95	477199.70	594412.66	
9104.00	89.30	95.82	8466.31	-276.95	793.45	0.62	825.83	477190.05	594506.15	
9199.00	88.32	95.55	8468.28	-286.36	887.96	1.07	920.69	477180.64	594600.66	
9293.00	88.81	95.19	8470.63	-295.15	981.52	0.65	1014.51	477171.85	594694.22	
9387.00	88.11	96.09	8473.16	-304.39	1075.03	1.21	1108.36	477162.61	594787.73	
9482.00	88.53	95.85	8475.94	-314.26	1169.47	0.51	1203.22	477152.74	594882.17	
9576.00	88.60	95.56	8478.30	-323.60	1262.97	0.32	1297.07	477143.40	594975.67	
9671.00	88.60	95.06	8480.62	-332.39	1357.54	0.53	1391.89	477134.61	595070.24	
9765.00	89.09	94.85	8482.51	-340.51	1451.17	0.57	1485.69	477126.49	595163.87	
9860.00	88.04	95.88	8484.89	-349.39	1545.72	1.55	1580.51	477117.61	595258.42	
9954.00	88.46	95.80	8487.76	-358.95	1639.19	0.45	1674.36	477108.05	595351.89	



Weatherford International Ltd.

WFT Survey Report X&Y's



Weatherford

Company: Occidental Permian Ltd.	Date: 11/14/2013	Time: 12:27:31	Page: 3
Field: Eddy Co, NM (Nad 27)	Co-ordinate(NE) Reference:	Well: Bank 18 Fed #1H, Grid North	
Site: Bank 18 Fed #1H	Vertical (TVD) Reference:	SITE 3004.5	
Well: Bank 18 Fed #1H	Section (VS) Reference:	Well (0.00N,0.00E,98.56Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
10049.00	87.41	96.32	8491.19	-368.97	1733.59	1.23	1769.20	477098.03	595446.29	
10143.00	87.62	96.12	8495.26	-379.15	1826.95	0.31	1863.04	477087.85	595539.65	
10238.00	88.04	97.02	8498.86	-390.01	1921.26	1.04	1957.91	477076.99	595633.96	
10332.00	87.83	96.42	8502.25	-401.00	2014.55	0.68	2051.80	477066.00	595727.25	
10427.00	88.46	96.29	8505.32	-411.51	2108.92	0.68	2146.68	477055.49	595821.62	
10522.00	88.81	96.06	8507.59	-421.73	2203.34	0.44	2241.57	477045.27	595916.04	
10616.00	88.74	95.76	8509.60	-431.40	2296.82	0.33	2335.45	477035.60	596009.52	
10711.00	88.81	95.35	8511.63	-440.60	2391.35	0.44	2430.29	477026.40	596104.05	
10805.00	89.79	95.14	8512.77	-449.19	2484.95	1.07	2524.13	477017.81	596197.65	
10900.00	90.49	94.75	8512.54	-457.38	2579.59	0.84	2618.94	477009.62	596292.29	
10994.00	89.23	95.45	8512.77	-465.74	2673.22	1.53	2712.76	477001.26	596385.92	
11089.00	89.09	95.04	8514.17	-474.42	2767.81	0.46	2807.59	476992.58	596480.51	
11183.00	89.72	95.08	8515.14	-482.71	2861.44	0.67	2901.41	476984.29	596574.14	
11278.00	90.28	94.77	8515.14	-490.86	2956.09	0.67	2996.22	476976.14	596668.79	
11372.00	89.23	95.10	8515.54	-498.95	3049.74	1.17	3090.03	476968.05	596762.44	
11467.00	89.51	95.12	8516.59	-507.41	3144.35	0.30	3184.85	476959.59	596857.05	
11561.00	90.07	96.13	8516.93	-516.63	3237.90	1.23	3278.73	476950.37	596950.60	
11656.00	88.39	97.07	8518.21	-527.54	3332.26	2.03	3373.66	476939.46	597044.96	
11750.00	88.18	97.28	8521.02	-539.28	3425.48	0.32	3467.59	476927.72	597138.18	
11845.00	88.18	97.28	8524.04	-551.31	3519.67	0.00	3562.52	476915.69	597232.37	
11939.00	88.04	97.37	8527.14	-563.29	3612.85	0.18	3656.45	476903.71	597325.55	
12034.00	87.97	97.49	8530.45	-575.57	3706.99	0.15	3751.37	476891.43	597419.69	
12128.00	88.32	97.52	8533.49	-587.84	3800.14	0.37	3845.30	476879.16	597512.84	
12223.00	88.04	97.53	8536.51	-600.27	3894.27	0.29	3940.24	476866.73	597606.97	
12317.00	88.81	97.50	8539.09	-612.56	3987.43	0.82	4034.19	476854.44	597700.13	
12412.00	89.23	97.43	8540.72	-624.90	4081.61	0.45	4129.16	476842.10	597794.31	
12507.00	89.93	96.86	8541.41	-636.72	4175.87	0.95	4224.12	476830.28	597888.57	
12601.00	90.42	96.84	8541.12	-647.93	4269.20	0.52	4318.08	476819.07	597981.90	
12613.00	90.49	96.56	8541.03	-649.33	4281.12	2.41	4330.08	476817.67	597993.82	Last WFT Svy
12681.00	90.49	96.56	8540.45	-657.10	4348.67	0.00	4398.03	476809.90	598061.37	Proj. to Bit

Annotation

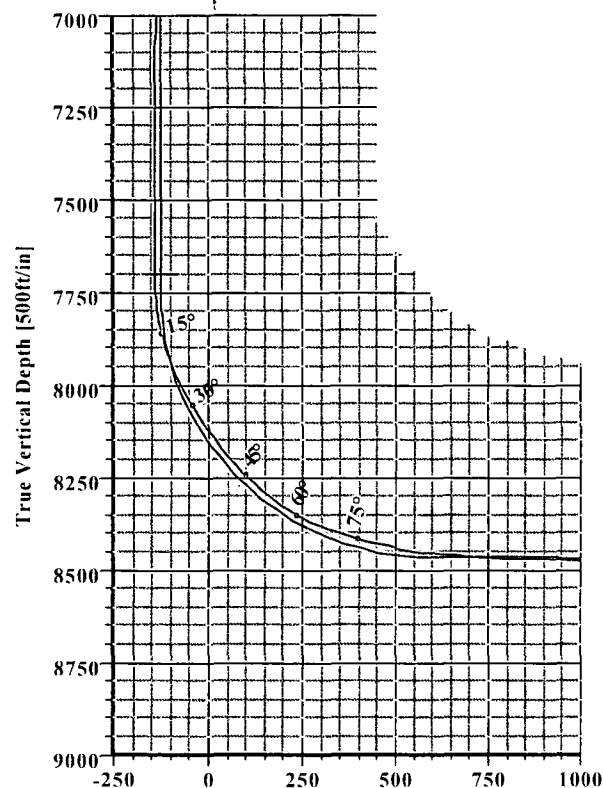
MD ft	TVD ft	
2622.00	2618.82	Tie On Gyro
2806.00	2802.56	First WFT Svy
12613.00	8541.03	Last WFT Svy
12681.00	8540.45	Proj. to Bit



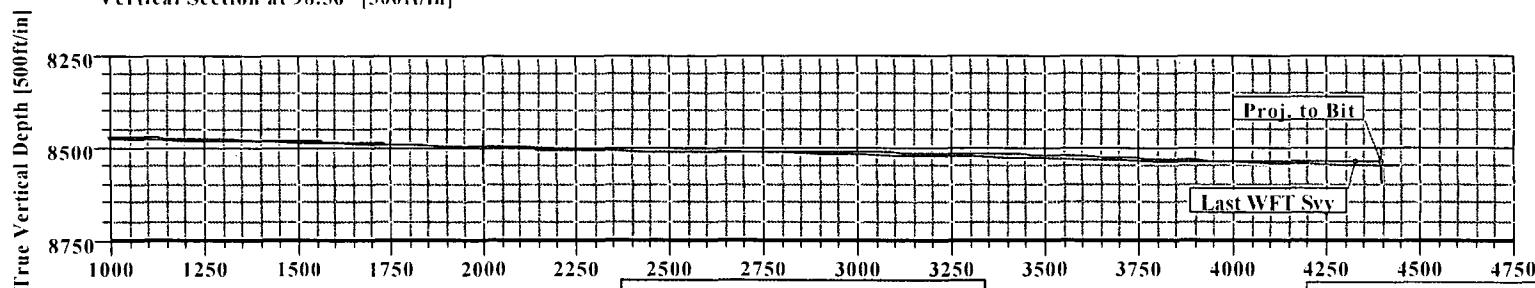
Bank 18 Fed #1H Eddy Co, NM



KB ELEV: 3004.5
GL ELEV: 2979.5



Vertical Section at 98.56° [500ft/in]



Vertical Section at 98.56° [500ft/in]

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	2622.00	3.08	154.12	2618.82	-55.23	-72.69	0.00	0.00	-63.66	NW Hardline Corner
2	2776.00	0.00	0.00	2772.75	-58.95	-70.88	2.00	180.00	-61.32	
3	4600.00	0.00	0.00	4596.75	-58.95	-70.88	0.00	0.00	-61.32	
4	4850.00	5.00	214.13	4846.43	-67.98	-77.00	2.00	0.00	-66.02	
5	6330.00	5.00	214.13	6320.80	-174.75	-149.38	0.00	0.00	-121.70	
6	6580.00	0.00	0.00	6570.48	-183.77	-155.49	2.00	180.00	-126.41	PBHL
7	7759.15	0.00	0.00	7749.63	-183.77	-155.49	0.00	0.00	-126.41	
8	8868.37	88.74	95.96	8465.65	-256.56	541.14	8.00	95.96	573.30	
9	12697.59	88.74	95.96	8550.00	-654.40	4348.70	0.00	0.00	4397.66	

WELL DETAILS						
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Bank 18 Fed #1H	0.00	0.00	477467.00	593712.70	32°18'44.311N	104°01'47.989W

TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
NW Hardline Corner	7700.00	-183.27	-155.15	477283.73	593557.55	Point
PBHL	8550.00	-654.40	4348.70	476812.60	598061.40	Point

Survey: WFT MWD (Bank 18 Fed #1H/I)								
No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	VSec
112	12681.00	90.49	96.56	8540.45	-657.10	4348.67	0.00	4398.03

SITE DETAILS

Bank 18 Fed #1H

Site Centre Northing: 477467.00
Easting: 593712.70

Ground Level: 2979.50
Positional Uncertainty: 0.00
Convergence: 0.16



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