



Mewbourne Oil Company

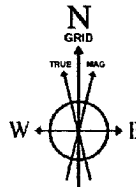
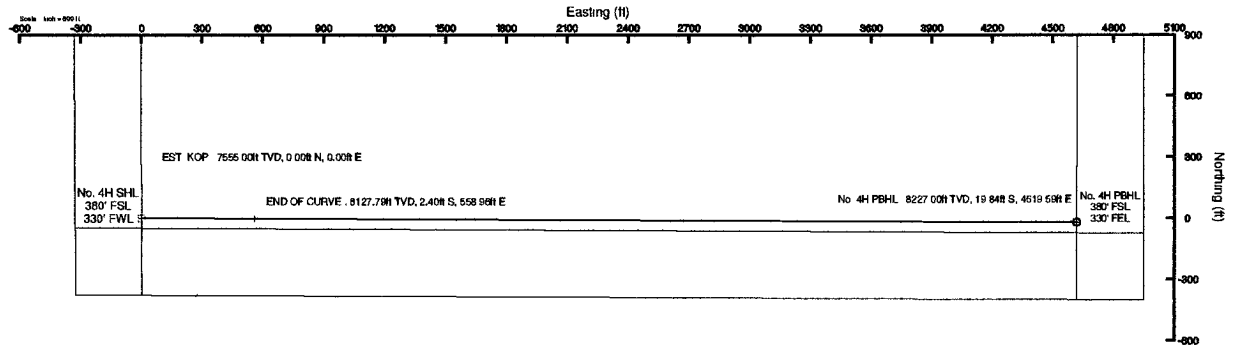
Mewbourne Oil Company

Location: Eddy County, NM
Field: (Parkway) Sec 26, T19S, R29E
Facility: Parkway 26 State Com No. 4H

Slot: No. 4H SHL
Well: No. 4H
Wellbore: No. 4H PWB

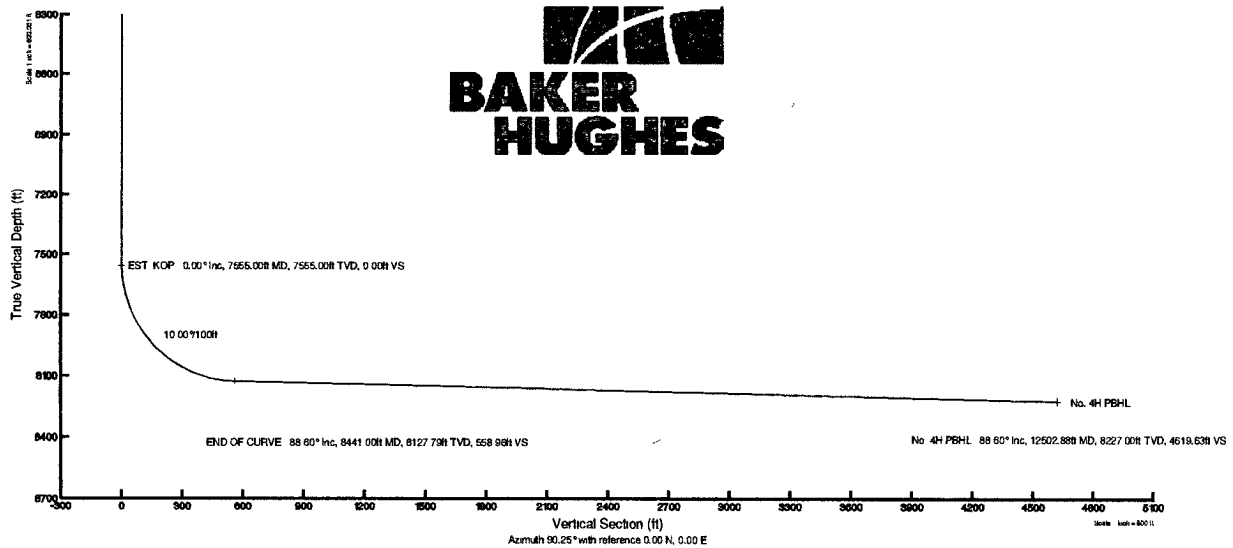
Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (%100ft)	VS (ft)
Tie On	0.00	0.000	90.246	0.00	0.00	0.00	0.00	0.00
EST KOP	7555.00	0.000	90.246	7555.00	0.00	0.00	0.00	0.00
END OF CURVE	8441.00	88.600	90.246	8127.79	-2.40	558.96	10.00	558.96
No. 4H PBHL	12502.88	88.600	90.246	8227.00	-19.84	4619.59	0.00	4619.63



BGGM (1945.0 to 2011.0) Dip: 60.52° Field: 48974.2 nT
Magnetic North is 8.01 degrees East of True North (at 5/21/2010)
Grid North is 0.15 degrees East of True North
To correct azimuth from True to Grid subtract 0.15 degrees
To correct azimuth from Magnetic to Grid add 7.86 degrees
For example if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.86 = 97.86

Plot reference wellpath is Plan #1	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
True vertical depths are referenced to Rig 47 on No. 4H SHL (KB)	North Reference: Grid north
Measured depths are referenced to Rig 47 on No. 4H SHL (KB)	Scale: True distance
Rig 47 on No. 4H SHL (KB) to Mean Sea Level: 3337 feet	Depths are in feet
Mean Sea Level to Mud line (Facility: Parkway 26 State Com No. 4H): -3319 feet	Created by: Victor Hernandez on 5/21/2010
Coordinates are in feet referenced to Slot	



Parkway 26 St Com #4H 30-015-37850

Planned Wellpath Report

Plan #1
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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H PWB
Facility	Parkway 26 State Com No. 4H		

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	0.999918	Report Generated	5/21/2010 at 12:10:46 PM
Convergence at slot	0.15° East	Database/Source file	WA_Midland/No._4H_PWB.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	586444.80	591321.14	32°37'31.193"N	104°03'09.189"W
Facility Reference Pt			586444.80	591321.14	32°37'31.193"N	104°03'09.189"W
Field Reference Pt			586432.04	595567.34	32°38'13.212"N	104°03'09.207"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig 47 on No. 4H SHL (KB) to GL	18.00ft
Horizontal Reference Pt	Slot	Rig 47 on No. 4H SHL (KB) to Mean Sea Level	3337.00ft
Vertical Reference Pt	Rig 47 on No. 4H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig 47 on No. 4H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	90.25°

Planned Wellpath Report

Plan #1

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REFERENCE WELLPATH IDENTIFICATION

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Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H PWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (53 stations) † = interpolated/extrapolated station

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]	Comments
0.00	0.000	90.246	0.00	0.00	0.00	0.00	586444.80	591321.14	32°37'31.193"N	104°03'09.189"W	0.00	Tie On
7555.00	0.000	90.246	7555.00	0.00	0.00	0.00	586444.80	591321.14	32°37'31.193"N	104°03'09.189"W	0.00	EST. KOP
7655.00†	10.000	90.246	7654.49	8.70	-0.04	8.70	586453.50	591321.10	32°37'31.192"N	104°03'09.087"W	10.00	
7755.00†	20.000	90.246	7750.96	34.55	-0.15	34.55	586479.35	591320.99	32°37'31.191"N	104°03'08.785"W	10.00	
7855.00†	30.000	90.246	7841.48	76.76	-0.33	76.76	586521.55	591320.81	32°37'31.188"N	104°03'08.292"W	10.00	
7955.00†	40.000	90.246	7923.29	134.05	-0.58	134.05	586578.83	591320.57	32°37'31.184"N	104°03'07.622"W	10.00	
8055.00†	50.000	90.246	7993.91	204.67	-0.88	204.67	586649.45	591320.26	32°37'31.179"N	104°03'06.796"W	10.00	
8155.00†	60.000	90.246	8051.20	286.48	-1.23	286.48	586731.25	591319.91	32°37'31.173"N	104°03'05.840"W	10.00	
8255.00†	70.000	90.246	8093.40	376.99	-1.62	376.99	586821.76	591319.52	32°37'31.167"N	104°03'04.782"W	10.00	
8355.00†	80.000	90.246	8119.25	473.46	-2.03	473.46	586918.22	591319.11	32°37'31.160"N	104°03'03.654"W	10.00	
8441.00	88.600	90.246	8127.79	558.96	-2.40	558.96	587003.71	591318.74	32°37'31.155"N	104°03'02.654"W	10.00	END OF CURVE
8455.00†	88.600	90.246	8128.13	572.96	-2.46	572.95	587017.70	591318.68	32°37'31.154"N	104°03'02.490"W	0.00	
8555.00†	88.600	90.246	8130.57	672.93	-2.89	672.92	587117.66	591318.25	32°37'31.147"N	104°03'01.322"W	0.00	
8655.00†	88.600	90.246	8133.01	772.90	-3.32	772.89	587217.62	591317.82	32°37'31.140"N	104°03'00.153"W	0.00	
8755.00†	88.600	90.246	8135.46	872.87	-3.75	872.86	587317.58	591317.39	32°37'31.133"N	104°02'58.984"W	0.00	
8855.00†	88.600	90.246	8137.90	972.84	-4.18	972.83	587417.54	591316.96	32°37'31.126"N	104°02'57.815"W	0.00	
8955.00†	88.600	90.246	8140.34	1072.81	-4.61	1072.80	587517.51	591316.53	32°37'31.119"N	104°02'56.646"W	0.00	
9055.00†	88.600	90.246	8142.78	1172.78	-5.04	1172.77	587617.47	591316.10	32°37'31.112"N	104°02'55.477"W	0.00	
9155.00†	88.600	90.246	8145.23	1272.75	-5.47	1272.73	587717.43	591315.67	32°37'31.105"N	104°02'54.309"W	0.00	
9255.00†	88.600	90.246	8147.67	1372.72	-5.90	1372.70	587817.39	591315.25	32°37'31.098"N	104°02'53.140"W	0.00	
9355.00†	88.600	90.246	8150.11	1472.69	-6.33	1472.67	587917.35	591314.82	32°37'31.092"N	104°02'51.971"W	0.00	
9455.00†	88.600	90.246	8152.55	1572.66	-6.76	1572.64	588017.31	591314.39	32°37'31.085"N	104°02'50.802"W	0.00	
9555.00†	88.600	90.246	8155.00	1672.63	-7.18	1672.61	588117.27	591313.96	32°37'31.078"N	104°02'49.633"W	0.00	
9655.00†	88.600	90.246	8157.44	1772.60	-7.61	1772.58	588217.23	591313.53	32°37'31.071"N	104°02'48.464"W	0.00	
9755.00†	88.600	90.246	8159.88	1872.57	-8.04	1872.55	588317.19	591313.10	32°37'31.064"N	104°02'47.296"W	0.00	
9855.00†	88.600	90.246	8162.32	1972.54	-8.47	1972.52	588417.15	591312.67	32°37'31.057"N	104°02'46.127"W	0.00	
9955.00†	88.600	90.246	8164.77	2072.51	-8.90	2072.49	588517.11	591312.24	32°37'31.050"N	104°02'44.958"W	0.00	
10055.00†	88.600	90.246	8167.21	2172.48	-9.33	2172.46	588617.07	591311.81	32°37'31.043"N	104°02'43.789"W	0.00	
10155.00†	88.600	90.246	8169.65	2272.45	-9.76	2272.43	588717.04	591311.38	32°37'31.036"N	104°02'42.620"W	0.00	
10255.00†	88.600	90.246	8172.09	2372.42	-10.19	2372.40	588817.00	591310.95	32°37'31.029"N	104°02'41.451"W	0.00	

Planned Wellpath Report

Plan #1
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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H PWB
Facility	Parkway 26 State Com No. 4H		

WELLPATH DATA (53 stations) † = interpolated/extrapolated station

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]	Comments
10355.00†	88.600	90.246	8174.54	2472.39	-10.62	2472.37	588916.96	591310.52	32°37'31.022"N	104°02'40.283"W	0.00	
10455.00†	88.600	90.246	8176.98	2572.36	-11.05	2572.33	589016.92	591310.09	32°37'31.015"N	104°02'39.114"W	0.00	
10555.00†	88.600	90.246	8179.42	2672.33	-11.48	2672.30	589116.88	591309.66	32°37'31.008"N	104°02'37.945"W	0.00	
10655.00†	88.600	90.246	8181.86	2772.30	-11.91	2772.27	589216.84	591309.23	32°37'31.001"N	104°02'36.776"W	0.00	
10755.00†	88.600	90.246	8184.31	2872.27	-12.34	2872.24	589316.80	591308.80	32°37'30.995"N	104°02'35.607"W	0.00	
10855.00†	88.600	90.246	8186.75	2972.24	-12.77	2972.21	589416.76	591308.38	32°37'30.988"N	104°02'34.439"W	0.00	
10955.00†	88.600	90.246	8189.19	3072.21	-13.20	3072.18	589516.72	591307.95	32°37'30.981"N	104°02'33.270"W	0.00	
11055.00†	88.600	90.246	8191.63	3172.18	-13.63	3172.15	589616.68	591307.52	32°37'30.974"N	104°02'32.101"W	0.00	
11155.00†	88.600	90.246	8194.08	3272.15	-14.05	3272.12	589716.64	591307.09	32°37'30.967"N	104°02'30.932"W	0.00	
11255.00†	88.600	90.246	8196.52	3372.12	-14.48	3372.09	589816.60	591306.66	32°37'30.960"N	104°02'29.763"W	0.00	
11355.00†	88.600	90.246	8198.96	3472.09	-14.91	3472.06	589916.56	591306.23	32°37'30.953"N	104°02'28.594"W	0.00	
11455.00†	88.600	90.246	8201.40	3572.06	-15.34	3572.03	590016.53	591305.80	32°37'30.946"N	104°02'27.426"W	0.00	
11555.00†	88.600	90.246	8203.85	3672.03	-15.77	3672.00	590116.49	591305.37	32°37'30.939"N	104°02'26.257"W	0.00	
11655.00†	88.600	90.246	8206.29	3772.00	-16.20	3771.97	590216.45	591304.94	32°37'30.932"N	104°02'25.088"W	0.00	
11755.00†	88.600	90.246	8208.73	3871.97	-16.63	3871.93	590316.41	591304.51	32°37'30.925"N	104°02'23.919"W	0.00	
11855.00†	88.600	90.246	8211.18	3971.94	-17.06	3971.90	590416.37	591304.08	32°37'30.918"N	104°02'22.750"W	0.00	
11955.00†	88.600	90.246	8213.62	4071.91	-17.49	4071.87	590516.33	591303.65	32°37'30.911"N	104°02'21.581"W	0.00	
12055.00†	88.600	90.246	8216.06	4171.88	-17.92	4171.84	590616.29	591303.22	32°37'30.904"N	104°02'20.413"W	0.00	
12155.00†	88.600	90.246	8218.50	4271.85	-18.35	4271.81	590716.25	591302.79	32°37'30.897"N	104°02'19.244"W	0.00	
12255.00†	88.600	90.246	8220.95	4371.82	-18.78	4371.78	590816.21	591302.36	32°37'30.890"N	104°02'18.075"W	0.00	
12355.00†	88.600	90.246	8223.39	4471.79	-19.21	4471.75	590916.17	591301.93	32°37'30.883"N	104°02'16.906"W	0.00	
12455.00†	88.600	90.246	8225.83	4571.76	-19.64	4571.72	591016.13	591301.51	32°37'30.876"N	104°02'15.737"W	0.00	
12502.88	88.600	90.246	8227.00†	4619.63	-19.84	4619.59	591064.00	591301.30	32°37'30.873"N	104°02'15.178"W	0.00	No. 4H PBHL

Planned Wellpath Report

Plan #1
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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 4H SHL
Area	Eddy County, NM	Well	No. 4H
Field	(Parkway) Sec 26, T19S, R29E	Wellbore	No. 4H PWB
Facility	Parkway 26 State Com No. 4H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 4H PBHL	12502.88	8227.00	-19.84	4619.59	591064.00	591301.30	32°37'30.873"N	104°02'15.178"W	point

SURVEY PROGRAM Ref Wellbore: No. 4H PWB Ref Wellpath: Plan #1

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
18.00	12502.88	NaviTrak (Standard)		No. 4H PWB