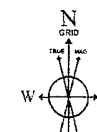


Plot reference wellpath is Pralln_1	
True vertical depths are referenced to Rig on No. 3H SHL (RT)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (30D1), US feet
Measured depths are referenced to Rig on No. 3H SHL (RT)	North Reference: Grid north
Rig on No. 3H SHL (RT) to Mean Sea Level: 3029.9 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Cypress 28 Fed No. 3H): 3029.9 feet	Depths are in feet
Coordinates are in feet referenced to Sijt	Created by: gomeosor on 1/31/2011



BGGM (1945.0 to 2011.0) Dip: 60.19° Field: 48731.4 nT
Magnetic North is 7.89 degrees East of True North (at 11/15/2010)
Grid North is 0.18 degrees East of True North
To correct azimuth from True to Grid subtract 0.18 degrees
To correct azimuth from Magnetic to Grid add 7.71 degrees
For example: if the Magnetic North Azimuth = 90 degrees, then the Grid North Azimuth = 90 + 7.71 = 97.71

30-015-38287



Actual Wellpath Report

No.3H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No.3H AWB
Facility	Cypress 28 Fed No. 3H		

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	Gomeoscr
Scale	0.999921	Report Generated	1/31/2011 at 8:26:41 AM
Convergence at slot	0.18° East	Database/Source file	WA Midland/No.3H_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	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W
Facility Reference Pt			603696.40	466438.70	32°16'54.879"N	103°59'52.056"W
Field Reference Pt			604188.10	463378.60	32°16'24.581"N	103°59'46.440"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 3H SHL (RT) to Facility Vertical Datum	0.00ft
Horizontal Reference Pt	Slot	Rig on No. 3H SHL (RT) to Mean Sea Level	3029.90ft
Vertical Reference Pt	Rig on No. 3H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 3H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	93.48°

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Actual Wellpath Report

No.3H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No.3H AWB
Facility	Cypress 28 Fed No. 3H		

WELLPATH DATA (133 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]	Comments
0.00	0.000	174.800	0.00	0.00	0.00	0.00	603696.40	466438.70	32°16'54.879"N	103°59'52.056"W	0.00	
430.00	0.980	174.800	429.98	0.55	-3.66	0.33	603696.73	466435.04	32°16'54.843"N	103°59'52.052"W	0.23	
524.00	1.100	182.700	523.96	0.69	-5.36	0.36	603696.76	466433.34	32°16'54.826"N	103°59'52.052"W	0.20	
705.00	1.200	186.500	704.93	0.61	-8.98	0.07	603696.47	466429.72	32°16'54.790"N	103°59'52.055"W	0.07	
795.00	1.200	199.500	794.91	0.30	-10.81	-0.35	603696.05	466427.89	32°16'54.772"N	103°59'52.060"W	0.30	
885.00	0.940	210.000	884.89	-0.29	-12.33	-1.04	603695.36	466426.37	32°16'54.757"N	103°59'52.068"W	0.36	
976.00	0.980	208.300	975.88	-0.95	-13.67	-1.78	603694.62	466425.03	32°16'54.744"N	103°59'52.077"W	0.05	
1067.00	1.200	212.800	1066.86	-1.74	-15.15	-2.67	603693.74	466423.55	32°16'54.729"N	103°59'52.087"W	0.26	
1161.00	1.200	230.400	1160.84	-2.94	-16.61	-3.96	603692.44	466422.09	32°16'54.715"N	103°59'52.102"W	0.39	
1255.00	1.500	237.000	1254.82	-4.65	-17.91	-5.75	603690.65	466420.80	32°16'54.702"N	103°59'52.123"W	0.36	
1349.00	1.100	227.300	1348.79	-6.26	-19.19	-7.44	603688.96	466419.51	32°16'54.690"N	103°59'52.143"W	0.48	
1443.00	1.200	225.300	1442.77	-7.55	-20.49	-8.80	603687.60	466418.21	32°16'54.677"N	103°59'52.159"W	0.11	
1537.00	0.600	244.300	1536.76	-8.63	-21.40	-9.95	603686.45	466417.30	32°16'54.668"N	103°59'52.172"W	0.70	
1630.00	0.220	252.000	1629.76	-9.22	-21.66	-10.56	603685.84	466417.04	32°16'54.665"N	103°59'52.179"W	0.41	
1724.00	0.500	238.200	1723.76	-9.73	-21.94	-11.08	603685.32	466416.77	32°16'54.663"N	103°59'52.185"W	0.31	
1825.00	0.430	209.400	1824.75	-10.25	-22.50	-11.64	603684.76	466416.20	32°16'54.657"N	103°59'52.192"W	0.24	
1920.00	0.300	247.400	1919.75	-10.63	-22.90	-12.04	603684.36	466415.80	32°16'54.653"N	103°59'52.197"W	0.28	
2014.00	0.600	215.400	2013.75	-11.11	-23.40	-12.55	603683.85	466415.30	32°16'54.648"N	103°59'52.203"W	0.40	
2108.00	0.600	212.000	2107.74	-11.61	-24.22	-13.10	603683.30	466414.48	32°16'54.640"N	103°59'52.209"W	0.04	
2202.00	0.500	157.900	2201.74	-11.67	-25.02	-13.21	603683.19	466413.69	32°16'54.632"N	103°59'52.210"W	0.54	
2296.00	0.800	126.600	2295.73	-10.94	-25.79	-12.53	603683.88	466412.92	32°16'54.624"N	103°59'52.203"W	0.48	
2393.00	1.000	144.200	2392.72	-9.84	-26.88	-11.49	603684.91	466411.83	32°16'54.614"N	103°59'52.190"W	0.35	
2487.00	1.300	138.800	2486.70	-8.57	-28.34	-10.30	603686.10	466410.36	32°16'54.599"N	103°59'52.177"W	0.34	
2582.00	1.800	143.300	2581.67	-6.85	-30.35	-8.70	603687.70	466408.35	32°16'54.579"N	103°59'52.158"W	0.54	
2676.00	1.300	144.700	2675.63	-5.23	-32.41	-7.20	603689.20	466406.30	32°16'54.559"N	103°59'52.141"W	0.53	
2769.00	1.500	150.300	2768.61	-3.90	-34.32	-5.99	603690.41	466404.38	32°16'54.540"N	103°59'52.127"W	0.26	
2862.00	1.100	147.100	2861.58	-2.70	-36.13	-4.90	603691.50	466402.57	32°16'54.522"N	103°59'52.114"W	0.44	
3046.00	1.000	147.600	3045.55	-0.72	-38.97	-3.08	603693.32	466399.73	32°16'54.494"N	103°59'52.093"W	0.05	
3140.00	1.000	132.400	3139.54	0.40	-40.22	-2.04	603694.36	466398.49	32°16'54.481"N	103°59'52.081"W	0.28	
3235.00	1.700	114.000	3234.51	2.37	-41.35	-0.14	603696.26	466397.36	32°16'54.470"N	103°59'52.059"W	0.86	
3329.00	1.600	108.200	3328.47	4.94	-42.32	2.38	603698.78	466396.38	32°16'54.460"N	103°59'52.029"W	0.21	
3423.00	2.100	94.300	3422.42	7.93	-42.86	5.35	603701.74	466395.84	32°16'54.455"N	103°59'51.995"W	0.71	
3520.00	3.200	91.400	3519.32	12.42	-43.06	9.82	603706.22	466395.64	32°16'54.453"N	103°59'51.943"W	1.14	
3614.00	5.000	89.900	3613.07	19.13	-43.12	16.54	603712.94	466395.58	32°16'54.452"N	103°59'51.865"W	1.92	
3708.00	7.500	89.300	3706.51	29.34	-43.04	26.78	603723.17	466395.67	32°16'54.453"N	103°59'51.745"W	2.66	
3802.00	8.200	90.400	3799.63	42.15	-43.01	39.61	603736.01	466395.69	32°16'54.452"N	103°59'51.596"W	0.76	
3896.00	8.900	89.600	3892.58	56.10	-43.01	53.59	603749.98	466395.70	32°16'54.452"N	103°59'51.433"W	0.76	
3990.00	8.700	89.400	3985.47	70.44	-42.88	67.97	603764.36	466395.82	32°16'54.453"N	103°59'51.266"W	0.22	
4084.00	8.600	89.700	4078.40	84.55	-42.77	82.11	603778.50	466395.93	32°16'54.454"N	103°59'51.101"W	0.12	
4173.00	8.700	91.600	4166.39	97.92	-42.92	95.49	603791.88	466395.78	32°16'54.452"N	103°59'50.945"W	0.34	
4273.00	8.700	88.900	4265.24	113.01	-42.99	110.61	603807.00	466395.72	32°16'54.450"N	103°59'50.769"W	0.41	
4367.00	8.200	89.400	4358.22	126.79	-42.78	124.42	603820.81	466395.92	32°16'54.452"N	103°59'50.608"W	0.54	
4462.00	8.900	88.700	4452.16	140.87	-42.54	138.54	603834.93	466396.16	32°16'54.454"N	103°59'50.444"W	0.74	
4561.00	8.300	90.400	4550.05	155.63	-42.42	153.34	603849.73	466396.28	32°16'54.455"N	103°59'50.271"W	0.66	
4655.00	9.300	86.900	4642.94	169.96	-42.06	167.71	603864.10	466396.65	32°16'54.458"N	103°59'50.104"W	1.21	



Actual Wellpath Report

No.3H AWP

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BAKER
HUGHES

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REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No.3H AWB
Facility	Cypress 28 Fed No. 3H		

WELLPATH DATA (133 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]	Comments
4752.00	9.500	86.900	4738.64	185.69	-41.20	183.53	603879.92	466397.50	32°16'54.466"N	103°59'49.919"W	0.21	
4846.00	9.300	87.100	4831.38	200.95	-40.40	198.87	603895.25	466398.31	32°16'54.473"N	103°59'49.741"W	0.22	
4940.00	9.400	84.900	4924.13	216.09	-39.33	214.10	603910.48	466399.37	32°16'54.483"N	103°59'49.563"W	0.39	
5035.00	8.900	86.000	5017.92	231.05	-38.13	229.16	603925.54	466400.58	32°16'54.495"N	103°59'49.388"W	0.56	
5130.00	7.600	79.900	5111.94	244.44	-36.51	242.67	603939.05	466402.19	32°16'54.510"N	103°59'49.230"W	1.65	
5225.00	7.500	80.700	5206.11	256.59	-34.41	254.97	603951.35	466404.29	32°16'54.531"N	103°59'49.087"W	0.15	
5319.00	6.600	80.700	5299.40	267.84	-32.54	266.36	603962.74	466406.16	32°16'54.549"N	103°59'48.954"W	0.96	
5414.00	5.700	79.700	5393.86	277.75	-30.82	276.39	603972.77	466407.88	32°16'54.566"N	103°59'48.837"W	0.95	
5508.00	4.100	88.100	5487.51	285.63	-29.87	284.34	603980.72	466408.83	32°16'54.575"N	103°59'48.745"W	1.86	
5602.00	3.100	99.100	5581.32	291.51	-30.16	290.21	603986.59	466408.54	32°16'54.572"N	103°59'48.676"W	1.29	
5696.00	1.700	98.400	5675.24	295.42	-30.77	294.10	603990.48	466407.93	32°16'54.566"N	103°59'48.631"W	1.49	
5792.00	0.300	171.600	5771.22	296.89	-31.23	295.55	603991.92	466407.48	32°16'54.561"N	103°59'48.614"W	1.71	
5886.00	0.700	145.800	5865.22	297.30	-31.94	295.90	603992.28	466406.76	32°16'54.554"N	103°59'48.610"W	0.48	
5981.00	0.700	177.400	5960.21	297.71	-33.00	296.26	603992.63	466405.70	32°16'54.543"N	103°59'48.606"W	0.40	
6076.00	0.700	173.800	6055.21	297.87	-34.16	296.35	603992.72	466404.54	32°16'54.532"N	103°59'48.605"W	0.05	
6170.00	1.000	165.500	6149.20	298.22	-35.53	296.61	603992.99	466403.18	32°16'54.519"N	103°59'48.602"W	0.34	
6264.00	1.200	164.400	6243.18	298.80	-37.27	297.08	603993.46	466401.44	32°16'54.501"N	103°59'48.597"W	0.21	
6358.00	0.600	194.200	6337.17	299.03	-38.69	297.23	603993.60	466400.01	32°16'54.487"N	103°59'48.595"W	0.79	
6452.00	0.200	188.600	6431.17	298.92	-39.33	297.08	603993.46	466399.37	32°16'54.481"N	103°59'48.597"W	0.43	
6546.00	0.400	204.900	6525.16	298.79	-39.79	296.92	603993.29	466398.91	32°16'54.476"N	103°59'48.599"W	0.23	
6640.00	0.700	161.900	6619.16	298.88	-40.64	296.96	603993.34	466398.07	32°16'54.468"N	103°59'48.598"W	0.52	
6735.00	0.500	143.500	6714.15	299.36	-41.52	297.39	603993.76	466397.18	32°16'54.459"N	103°59'48.593"W	0.29	
6829.00	0.700	172.700	6808.15	299.73	-42.42	297.70	603994.08	466396.28	32°16'54.450"N	103°59'48.590"W	0.38	
6923.00	1.000	164.500	6902.14	300.10	-43.78	297.99	603994.37	466394.92	32°16'54.437"N	103°59'48.586"W	0.34	
7019.00	1.700	207.400	6998.11	299.80	-45.85	297.56	603993.94	466392.85	32°16'54.416"N	103°59'48.591"W	1.23	
7116.00	1.800	165.000	7095.07	299.70	-48.60	297.30	603993.67	466390.10	32°16'54.389"N	103°59'48.595"W	1.31	
7150.00	3.600	121.200	7129.04	300.81	-49.67	298.35	603994.72	466389.04	32°16'54.379"N	103°59'48.582"W	7.69	
7181.00	6.600	104.400	7159.91	303.42	-50.62	300.91	603997.28	466388.09	32°16'54.369"N	103°59'48.553"W	10.71	
7210.00	9.800	100.300	7188.61	307.51	-51.47	304.95	604001.32	466387.23	32°16'54.360"N	103°59'48.506"W	11.21	
7244.00	12.700	95.000	7221.96	314.12	-52.32	311.52	604007.90	466386.39	32°16'54.352"N	103°59'48.429"W	9.05	
7276.00	15.600	92.400	7252.98	321.94	-52.80	319.33	604015.70	466385.90	32°16'54.347"N	103°59'48.338"W	9.28	
7307.00	17.500	90.800	7282.70	330.76	-53.04	328.15	604024.53	466385.66	32°16'54.344"N	103°59'48.235"W	6.30	
7339.00	20.300	89.300	7312.97	341.11	-53.04	338.52	604034.89	466385.66	32°16'54.344"N	103°59'48.115"W	8.88	
7370.00	22.800	86.800	7341.80	352.44	-52.64	349.89	604046.26	466386.06	32°16'54.348"N	103°59'47.982"W	8.59	
7400.00	24.800	86.400	7369.25	364.46	-51.92	361.98	604058.35	466386.78	32°16'54.354"N	103°59'47.841"W	6.69	
7434.00	26.800	87.500	7399.86	379.16	-51.14	376.75	604073.12	466387.57	32°16'54.362"N	103°59'47.669"W	6.05	
7465.00	29.100	89.200	7427.24	393.63	-50.73	391.27	604087.64	466387.98	32°16'54.365"N	103°59'47.500"W	7.85	
7495.00	30.200	91.400	7453.31	408.45	-50.81	406.11	604102.48	466387.89	32°16'54.364"N	103°59'47.327"W	5.16	
7528.00	32.200	91.000	7481.54	425.53	-51.17	423.20	604119.57	466387.54	32°16'54.360"N	103°59'47.128"W	6.09	
7559.00	34.300	90.100	7507.46	442.50	-51.33	440.20	604136.56	466387.38	32°16'54.358"N	103°59'46.930"W	6.96	
7589.00	36.100	88.700	7531.97	459.75	-51.14	457.49	604153.85	466387.56	32°16'54.359"N	103°59'46.729"W	6.58	
7622.00	39.200	88.500	7558.10	479.83	-50.65	477.64	604174.00	466388.06	32°16'54.363"N	103°59'46.494"W	9.40	
7654.00	43.600	88.800	7582.10	500.91	-50.15	498.79	604195.15	466388.55	32°16'54.368"N	103°59'46.248"W	13.76	
7684.00	47.400	90.100	7603.12	522.25	-49.95	520.18	604216.54	466388.75	32°16'54.369"N	103°59'45.999"W	13.04	
7714.00	51.700	92.000	7622.58	545.05	-50.38	543.00	604239.35	466388.32	32°16'54.364"N	103°59'45.733"W	15.12	



Actual Wellpath Report

No.3H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	OXY Permian	Slot	No. 3H SHL
Area	Eddy County, NM	Well	No. 3H
Field	(Cypress) Sec 28, T23S, R29E	Wellbore	No.3H AWB
Facility	Cypress 28 Fed No. 3H		

WELLPATH DATA (133 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]	Comments
7749.00	56.400	92.700	7643.12	573.37	-51.55	571.30	604267.65	466387.15	32°16'54.351"N	103°59'45.403"W	13.53	
7778.00	60.700	92.800	7658.25	598.10	-52.74	596.00	604292.36	466385.97	32°16'54.339"N	103°59'45.116"W	14.83	
7811.00	64.700	92.300	7673.38	627.42	-54.04	625.29	604321.64	466384.66	32°16'54.325"N	103°59'44.774"W	12.20	
7843.00	68.100	92.300	7686.19	656.73	-55.22	654.59	604350.94	466383.49	32°16'54.313"N	103°59'44.433"W	10.62	
7873.00	68.200	91.600	7697.36	684.57	-56.16	682.42	604378.76	466382.54	32°16'54.302"N	103°59'44.109"W	2.19	
7906.00	70.700	93.200	7708.94	715.46	-57.46	713.29	604409.63	466381.24	32°16'54.289"N	103°59'43.750"W	8.83	
7937.00	73.400	92.900	7718.49	744.95	-59.03	742.73	604439.07	466379.68	32°16'54.272"N	103°59'43.407"W	8.76	
7967.00	75.600	94.100	7726.51	773.85	-60.80	771.59	604467.92	466377.91	32°16'54.254"N	103°59'43.071"W	8.28	
8000.00	78.500	94.700	7733.91	806.00	-63.26	803.65	604499.98	466375.44	32°16'54.228"N	103°59'42.697"W	8.96	
8032.00	80.400	94.600	7739.76	837.46	-65.81	835.00	604531.33	466372.89	32°16'54.202"N	103°59'42.332"W	5.95	
8062.00	83.200	94.600	7744.04	867.14	-68.20	864.60	604560.93	466370.51	32°16'54.178"N	103°59'41.988"W	9.33	
8095.00	84.900	94.400	7747.46	899.96	-70.77	897.32	604593.64	466367.94	32°16'54.151"N	103°59'41.607"W	5.19	
8127.00	87.000	94.600	7749.72	931.87	-73.27	929.14	604625.46	466365.43	32°16'54.125"N	103°59'41.236"W	6.59	
8156.00	88.100	94.600	7750.96	960.84	-75.60	958.02	604654.34	466363.11	32°16'54.101"N	103°59'40.900"W	3.79	
8190.00	89.000	94.600	7751.82	994.82	-78.32	991.89	604688.21	466360.38	32°16'54.073"N	103°59'40.505"W	2.65	
8251.00	89.200	93.500	7752.78	1055.81	-82.63	1052.73	604749.05	466356.07	32°16'54.029"N	103°59'39.797"W	1.83	
8346.00	89.000	92.800	7754.27	1150.79	-87.85	1147.58	604843.89	466350.86	32°16'53.974"N	103°59'38.692"W	0.77	
8441.00	89.100	91.800	7755.85	1245.76	-91.66	1242.49	604938.79	466347.04	32°16'53.934"N	103°59'37.587"W	1.06	
8534.00	89.700	91.400	7756.82	1338.70	-94.26	1335.45	605031.74	466344.45	32°16'53.905"N	103°59'36.504"W	0.78	
8628.00	89.100	90.200	7757.81	1432.59	-95.57	1429.43	605125.71	466343.14	32°16'53.889"N	103°59'35.410"W	1.43	
8724.00	88.500	90.600	7759.82	1528.43	-96.24	1525.40	605221.68	466342.47	32°16'53.879"N	103°59'34.292"W	0.75	
8819.00	89.500	95.600	7761.48	1623.39	-101.38	1620.22	605316.49	466337.33	32°16'53.826"N	103°59'33.188"W	5.37	
8914.00	90.100	93.900	7761.81	1718.36	-109.24	1714.89	605411.15	466329.46	32°16'53.745"N	103°59'32.085"W	1.90	
9009.00	88.800	92.600	7762.72	1813.35	-114.63	1809.73	605505.98	466324.08	32°16'53.688"N	103°59'30.981"W	1.94	
9102.00	89.100	91.700	7764.42	1906.31	-118.12	1902.65	605598.89	466320.59	32°16'53.651"N	103°59'29.899"W	1.02	
9197.00	89.500	90.700	7765.59	2001.22	-120.11	1997.62	605693.86	466318.60	32°16'53.628"N	103°59'28.792"W	1.13	
9291.00	89.400	90.500	7766.49	2095.10	-121.09	2091.61	605787.84	466317.62	32°16'53.616"N	103°59'27.698"W	0.24	
9387.00	89.000	90.800	7767.83	2190.97	-122.18	2187.59	605883.81	466316.53	32°16'53.602"N	103°59'26.580"W	0.52	
9481.00	89.600	89.900	7768.98	2284.83	-122.75	2281.58	605977.80	466315.96	32°16'53.593"N	103°59'25.485"W	1.15	
9577.00	89.700	90.900	7769.56	2380.68	-123.42	2377.58	606073.78	466315.29	32°16'53.583"N	103°59'24.367"W	1.05	
9672.00	89.500	92.300	7770.23	2475.63	-126.08	2472.53	606168.73	466312.63	32°16'53.554"N	103°59'23.261"W	1.49	
9767.00	88.500	92.700	7771.88	2570.60	-130.22	2567.43	606263.62	466308.49	32°16'53.510"N	103°59'22.156"W	1.13	
9861.00	88.600	93.500	7774.26	2664.57	-135.30	2661.26	606357.44	466303.41	32°16'53.457"N	103°59'21.063"W	0.86	
9955.00	88.700	93.100	7776.48	2758.54	-140.71	2755.08	606451.26	466298.00	32°16'53.400"N	103°59'19.971"W	0.44	
10049.00	90.100	92.800	7777.46	2852.53	-145.55	2848.95	606545.12	466293.16	32°16'53.350"N	103°59'18.877"W	1.52	
10144.00	89.400	91.800	7777.88	2947.51	-149.36	2943.87	606640.03	466289.35	32°16'53.309"N	103°59'17.772"W	1.28	
10239.00	88.800	93.100	7779.37	3042.48	-153.42	3038.76	606734.92	466285.29	32°16'53.266"N	103°59'16.667"W	1.51	
10334.00	88.300	93.200	7781.77	3137.44	-158.64	3133.59	606829.74	466280.07	32°16'53.211"N	103°59'15.562"W	0.54	
10429.00	88.600	95.300	7784.34	3232.40	-165.68	3228.29	606924.43	466273.04	32°16'53.138"N	103°59'14.460"W	2.23	
10522.00	88.900	96.200	7786.37	3325.30	-174.99	3320.80	607016.93	466263.72	32°16'53.043"N	103°59'13.382"W	1.02	
10616.00	89.100	96.100	7788.01	3419.18	-185.06	3414.24	607110.37	466253.65	32°16'52.941"N	103°59'12.294"W	0.24	
10692.00	89.800	95.200	7788.74	3495.12	-192.54	3489.87	607185.99	466246.17	32°16'52.864"N	103°59'11.414"W	1.50	
10747.00	89.800	95.200	7788.93	3550.10	-197.53	3544.64	607240.76	466241.19	32°16'52.813"N	103°59'10.776"W	0.00	Proj to Bit

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
		7784.00	-217.32	3577.49	607273.60	466221.40	32°16'52.616"N	103°59'10.394"W	point

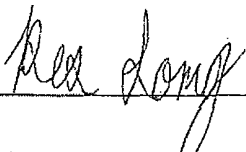
WELLPATH COMPOSITION Ref Wellbore: No.3H AWB Ref Wellpath: No.3H AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	10747.00	NaviTrak (Standard)	MWD	No.3H AWB

2105 MARKET STREET
MIDLAND, TX 79703
24 HR (432) 694-9517

STATE OF NEW MEXICO

COUNTY OF Eddy

I, Rex Long, Directional Driller certify that I am employed by Baker Hughes INTEQ; did conduct or supervise on the day(s) of Jan 12, 2011 through Jan 30, 2011 the taking of MWD surveys from a depth of 430 to a depth of 10,747 that the data is true, correct, complete and within the limitations of the tool as set forth by Baker Hughes INTEQ; that I am authorized and qualified to make this report; that this survey was conducted at the request of Oxy Permian for the Cypress 28 Fed No.3H in Eddy County, NM; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by INTEQ.



Field Service Engineer Rex Long