

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other										6. If Indian, Allottee or Tribe Name									
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other										7. Unit or CA Agreement Name and No.									
2. Name of Operator OXY USA WTP Limited Partnership										8. Lease Name and Well No. Shelby 12 Federal #8									
3. Address P.O. Box 50250 Midland, TX 79710					3a. Phone No. (include area code) 432-685-5717					9. API Well No. 30-015-35170									
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1381 FSL 1235 FWL NWSW(L) At top prod. interval reported below At total depth 747 FSL 715 FWL SWSW(M)										10. Field and Pool, or Exploratory McKittrick Hills, Up. Penn 11. Sec., T., R., M., or Block and Survey or Area Sec 12 T22S R24E 12. County or Parish Eddy 13. State NM									
14. Date Spudded 11/6/06			15. Date T.D. Reached 12/4/06			16. Date Completed ☐ D & A ☒ Ready to Prod. 4/5/07			17. Elevations (DF, RKB, RT, GL)* 3895'										
18. Total Depth: MD 8600' TVD 8512'			19. Plug Back T.D.: MD 8450' TVD 8363'			20. Depth Bridge Plug Set: MD 8450' TVD 8363'													
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CZDL/DSL/DLL/MLL/CNL/GR										22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)																			
Hole Size		Size/Grade		Wt. (#ft.)		Top (MD)		Bottom (MD)		Stage Cement Depth		No. of Sks. & Type of Cement		Slurry Vol. (BBL)		Cement Top*		Amount Pulled	
14-3/4"		9-5/8"		36#		0		1520'		619'		585		246		Surf-Circ		N/A	
8-3/4"		7"		26#		0		8600'		5968'		1175		446		700' -TS		N/A	
24. Tubing Record																			
Size		Depth Set (MD)		Packer Depth (MD)		Size		Depth Set (MD)		Packer Depth (MD)		Size		Depth Set (MD)		Packer Depth (MD)			
2-7/8"		7920'																	
25. Producing Intervals										26. Perforation Record									
Formation			Top		Bottom		Perforated Interval			Size		No. Holes		Perf. Status					
A) Penn			8497'		8509'		8497-8509'			.40		26		Plugged-CIBP					
B) Penn			7970'		8178'		7970-8178'			.52		302		Open					
C)																			
D)																			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.																			
Depth Interval				Amount and Type of Material															
8497-8509'				8000g 15% Ferchek SC Acid															
7970-8178'				19000g 15% Ferchek SC Acid															
28. Production - Interval A																			
Date First Produced 4/18/07		Test Date 6/2/07		Hours Tested 24		Test Production →		Oil BBL 37		Gas MCF 166		Water BBL 5292		Oil Gravity		Gas Gravity		Production Method	
Choke Size ---		Tbg. Press. Flwg. SI 215		Csg. Press. 170		24 Hr. →		Oil BBL 37		Gas MCF 166		Water BBL 5292		Gas: Oil Ratio		Well Status pumping		ACCEPTED FOR RECORD AUG 9 2007 JERRY FANT PETROLEUM GEOLOGIST	
28a. Production-Interval B																			
Date First Produced		Test Date		Hours Tested		Test Production →		Oil BBL		Gas MCF		Water BBL		Oil Gravity		Gas Gravity		Production Method	
Choke Size		Tbg. Press. Flwg. SI		Csg. Press.		24 Hr. →		Oil BBL		Gas MCF		Water BBL		Gas: Oil Ratio		Well Status			

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Glorieta	2100'
				Bone Spring	3880'
				Wolfcamp	7440'
				Penn	7890'

32. Additional remarks (include plugging procedure):

KO @ 3970', directionally drill to 8028'M, POOH drill to 8600'M 8512'V.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) David Stewart

Title Sr. Regulatory Analyst

Signature



Date

8/8/07

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Survey Report

Report Date: November 30, 2006
 Client: OXY
 Field: Eddy County, NM
 Structure / Slot: Shelby 12 Fed #8 / Shelby 12 Fed #8
 Well: Shelby 12 Fed #8
 Borehole: Shelby 12 Fed #8
 UWI/API#:

Survey Name / Date: Shelby 12 Fed #8_surveys / November 21, 2006
 Tort / AHD / DDI / ERD ratio: 52 330° / 894 16 ft / 4 675 / 0 110
 Gnd Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet
 Location Lat/Long: N 32 24 7 032, W 104 27 21 889
 Location Grid N/E Y/X: N 509966 800 ftUS, E 462116 000 ftUS
 Grid Convergence Angle: -0 06577473°
 Grid Scale Factor: 0 99991073

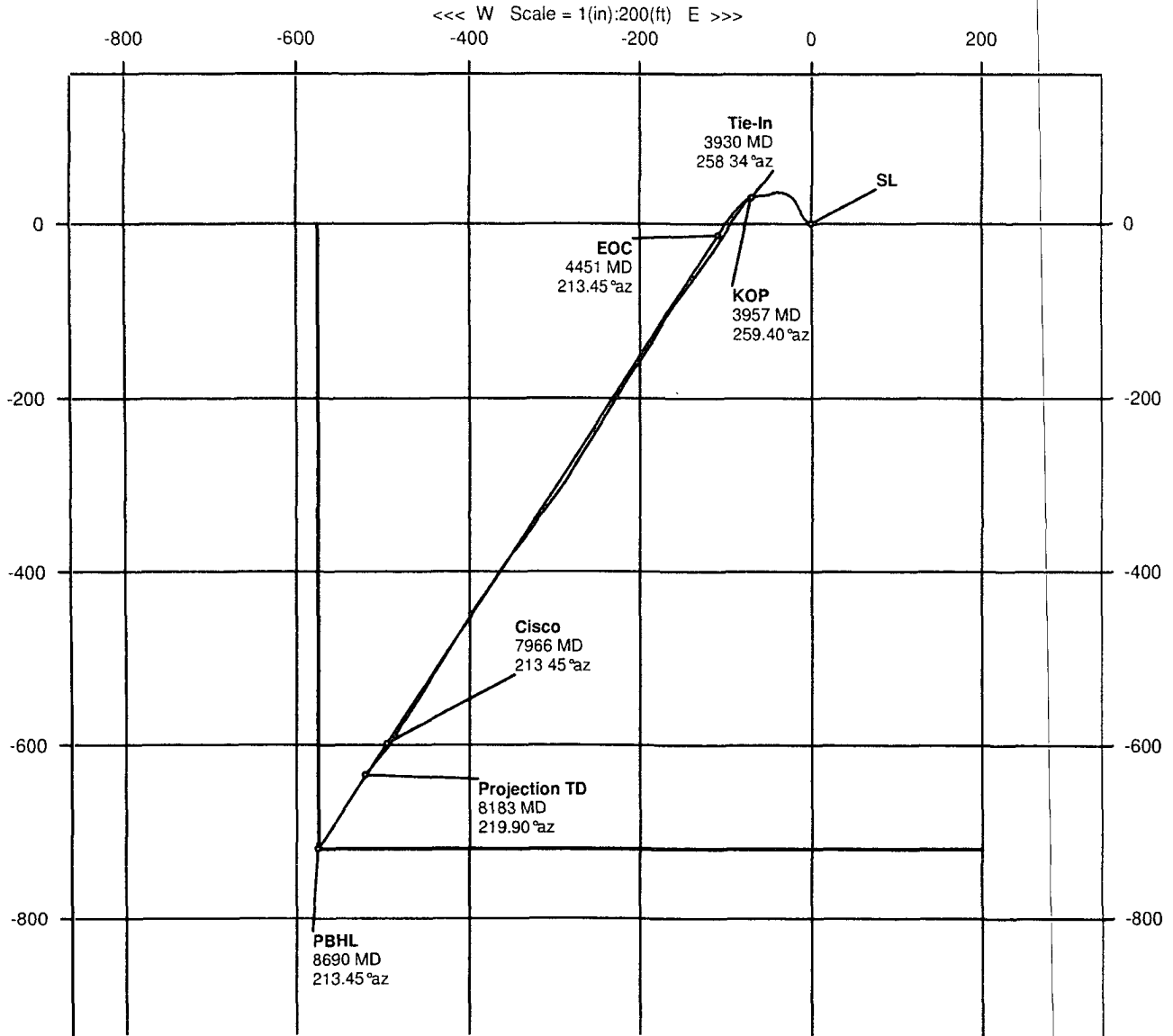
Survey / DLS Computation Method: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 218.650°
 Vertical Section Origin: N 0.000 ft E 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 0.0 ft relative to
 Sea Bed / Ground Level Elevation: 0 000 ft relative to
 Magnetic Declination: 8 530°
 Total Field Strength: 49120 684 nT
 Magnetic Dip: 60 309°
 Declination Date: November 21, 2006
 Magnetic Declination Model: IGRF 2005
 North Reference: Grid North
 Total Corr Mag North -> Grd North: +8 596°
 Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)
e-In	3930.00	2.58	258.34	3928.79	19.85	30.04	-69.35	75.57	293.42	0.30
	3957.00	2.60	259.40	3955.77	20.79	29.80	-70.54	76.58	292.90	0.19
	3989.00	2.70	245.90	3987.73	22.00	29.36	-71.94	77.70	292.20	1.97
	4020.00	2.90	237.20	4018.70	23.40	28.64	-73.27	78.67	291.35	1.51
	4052.00	3.10	223.60	4050.65	25.03	27.57	-74.55	79.48	290.30	2.30
	4084.00	3.30	218.80	4082.60	26.81	26.23	-75.72	80.13	289.10	1.04
	4115.00	3.90	214.80	4113.54	28.75	24.67	-76.88	80.74	287.79	2.10
	4147.00	4.40	212.20	4145.46	31.06	22.73	-78.16	81.40	286.22	1.67
	4210.00	4.90	214.50	4208.25	36.14	18.47	-80.97	83.05	282.85	0.85
	4274.00	5.70	216.10	4271.98	42.05	13.65	-84.39	85.49	279.19	1.27
	4337.00	6.60	214.50	4334.61	48.78	8.14	-88.28	88.66	275.27	1.45
	4400.00	7.90	211.40	4397.11	56.69	1.46	-92.59	92.60	270.90	2.15
	4464.00	8.90	211.10	4460.42	65.96	-6.53	-97.44	97.66	266.16	1.56
	4527.00	9.60	213.20	4522.60	76.02	-15.10	-102.83	103.94	261.64	1.23
	4591.00	10.80	214.20	4585.59	87.31	-24.53	-109.13	111.85	257.33	1.90
	4654.00	11.50	215.40	4647.40	99.47	-34.53	-116.08	121.11	253.43	1.17
	4717.00	11.70	215.60	4709.11	112.12	-44.84	-123.44	131.33	250.03	0.32
	4781.00	11.90	215.60	4771.76	125.18	-55.48	-131.06	142.32	247.05	0.31
	4844.00	12.00	216.50	4833.40	138.22	-66.03	-138.73	153.65	244.55	0.34
	4908.00	12.00	217.40	4896.00	151.52	-76.66	-146.73	165.55	242.41	0.29
	4971.00	12.40	218.50	4957.57	164.83	-87.16	-154.92	177.76	240.64	0.73
	5035.00	11.80	214.30	5020.15	178.22	-97.94	-162.89	190.07	238.98	1.66
	5098.00	11.90	210.60	5081.81	191.08	-108.86	-169.82	201.72	237.34	1.22
	5161.00	12.10	210.30	5143.43	204.04	-120.15	-176.46	213.48	235.75	0.33
	5225.00	12.40	209.60	5205.98	217.47	-131.92	-183.24	225.78	234.25	0.52
	5288.00	12.60	213.00	5267.48	230.98	-143.56	-190.32	238.39	232.97	1.21
	5352.00	13.00	216.10	5329.89	245.12	-155.23	-198.37	251.88	231.96	1.24
	5415.00	12.60	215.30	5391.33	259.06	-166.56	-206.51	265.31	231.11	0.69
	5478.00	11.50	212.80	5452.94	272.17	-177.45	-213.88	277.91	230.32	1.93
	5542.00	11.30	212.20	5515.68	284.75	-188.12	-220.68	289.98	229.55	0.36
	5605.00	11.70	210.60	5577.41	297.20	-198.84	-227.22	301.94	228.81	0.81
	5669.00	12.10	211.70	5640.04	310.29	-210.13	-234.05	314.54	228.08	0.72
	5732.00	12.40	212.70	5701.60	323.57	-221.44	-241.17	327.42	227.44	0.58
	5795.00	12.90	212.60	5763.07	337.29	-233.06	-248.62	340.78	226.85	0.79
	5859.00	13.00	213.10	5825.45	351.56	-245.11	-256.40	354.71	226.29	0.23
	5922.00	12.50	213.20	5886.89	365.40	-256.75	-264.00	368.26	225.80	0.79
	5986.00	12.40	212.60	5949.39	379.13	-268.33	-271.50	381.72	225.34	0.26
	6049.00	11.50	210.30	6011.02	392.07	-279.46	-278.31	394.40	224.88	1.62

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)
	6112.00	10.90	211.60	6072.82	404.19	-289.95	-284.60	406.29	224.47	1.03
	6176.00	10.30	215.10	6135.73	415.91	-299.79	-291.06	417.84	224.15	1.37
	6239.00	10.70	216.70	6197.68	427.38	-309.08	-297.79	429.20	223.93	0.79
	6303.00	10.90	216.80	6260.54	439.36	-318.69	-304.97	441.10	223.74	0.31
	6366.00	11.70	217.30	6322.32	451.70	-328.54	-312.41	453.36	223.56	1.28
	6398.00	11.70	216.00	6353.65	458.19	-333.75	-316.28	459.81	223.46	0.82
	6461.00	10.80	214.00	6415.44	470.45	-343.81	-323.34	471.97	223.24	1.56
	6525.00	10.30	216.30	6478.36	482.14	-353.39	-330.08	483.57	223.05	1.02
	6556.00	9.90	215.80	6508.88	487.58	-357.79	-333.28	488.96	222.97	1.32
	6588.00	10.50	216.80	6540.38	493.24	-362.35	-336.63	494.59	222.89	1.95
	6619.00	10.90	218.90	6570.84	498.99	-366.90	-340.16	500.33	222.83	1.80
	6651.00	11.60	219.70	6602.22	505.23	-371.73	-344.12	506.56	222.79	2.24
	6683.00	12.30	219.50	6633.53	511.86	-376.83	-348.34	513.17	222.75	2.19
	6715.00	12.60	218.40	6664.78	518.76	-382.20	-352.68	520.06	222.70	1.19
	6746.00	13.00	215.50	6695.01	525.62	-387.69	-356.80	526.89	222.62	2.44
	6810.00	12.80	212.00	6757.39	539.85	-399.56	-364.74	541.00	222.39	1.26
	6873.00	12.70	212.50	6818.84	553.67	-411.32	-372.16	554.69	222.14	0.24
	6937.00	12.80	215.40	6881.26	567.74	-423.03	-380.05	568.67	221.94	1.01
	7000.00	12.80	213.40	6942.69	581.66	-434.55	-387.93	582.51	221.76	0.70
	7063.00	12.70	213.20	7004.14	595.50	-446.17	-395.56	596.27	221.56	0.17
	7127.00	12.80	212.40	7066.56	609.55	-458.04	-403.22	610.23	221.36	0.32
	7190.00	11.90	212.30	7128.10	622.94	-469.42	-410.43	623.54	221.16	1.43
	7222.00	11.80	211.60	7159.42	629.47	-475.00	-413.90	630.03	221.07	0.55
	7285.00	11.60	210.80	7221.11	642.14	-485.93	-420.52	642.62	220.87	0.41
	7317.00	12.00	210.60	7252.44	648.62	-491.55	-423.86	649.06	220.77	1.26
	7349.00	12.10	211.00	7283.73	655.24	-497.29	-427.28	655.64	220.67	0.41
	7412.00	12.50	214.00	7345.29	668.58	-508.60	-434.50	668.93	220.51	1.20
	7476.00	12.90	211.70	7407.72	682.57	-520.42	-442.12	682.87	220.35	1.01
	7539.00	12.90	210.30	7469.13	696.51	-532.48	-449.37	696.75	220.16	0.50
	7602.00	12.90	212.00	7530.54	710.45	-544.51	-456.64	710.65	219.98	0.60
	7666.00	11.50	212.40	7593.09	723.89	-555.96	-463.85	724.05	219.84	2.19
	7698.00	10.90	212.00	7624.49	730.07	-561.22	-467.16	730.21	219.77	1.89
	7729.00	10.20	213.30	7654.96	735.71	-566.00	-470.22	735.84	219.72	2.38
	7761.00	10.40	214.90	7686.45	741.41	-570.74	-473.43	741.53	219.68	1.09
	7793.00	10.70	214.90	7717.90	747.26	-575.54	-476.78	747.37	219.64	0.94
	7856.00	11.50	211.00	7779.73	759.32	-585.72	-483.36	759.41	219.53	1.74
	7919.00	10.80	211.10	7841.54	771.40	-596.16	-489.64	771.46	219.40	1.11
	7951.00	10.60	215.40	7872.98	777.31	-601.12	-492.90	777.37	219.35	2.57
	7983.00	10.70	219.90	7904.43	783.22	-605.80	-496.51	783.27	219.34	2.62
ection TD	8183.00	10.70	219.90	8100.95	820.34	-634.29	-520.33	820.40	219.36	0.00

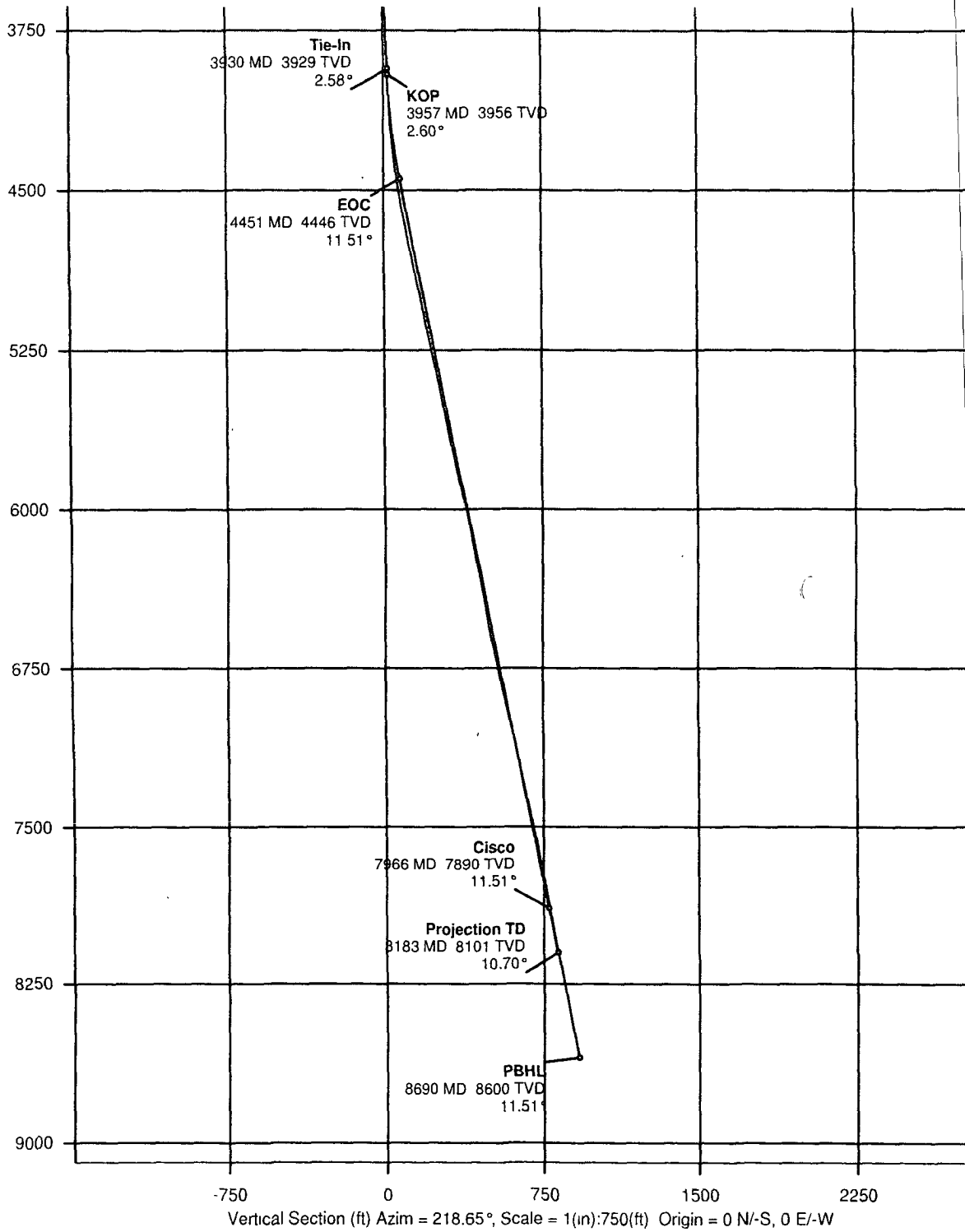
OXY

WELL Shelby 12 Fed #8			FIELD Eddy County, NM			STRUCTURE Shelby 12 Fed #8		
Magnetic Parameters Model IGRF 2005			Surface Location Lat N32 24 7.032 Lon W104 27 21.889			Miscellaneous Slot Shelby 12 Fed #8 Plan Shelby 12 Fed #8 surveys		
Dip 60.309° Mag Dec -8.530°	Date November 21, 2006 FS 49120.7 m		NAD27 New Mexico State Planes: Eastern Zone, US Feet Northing 509966.80 mUS Easting 462116.00 mUS	Grid Conv -0.06577473° Scale Fact 0.9999-07346		TVD Ref RKB (0.00 ft above)	Shy Date November 21, 2006	



OXY

WELL Shelby 12 Fed #8	FIELD Eddy County, NM	STRUCTURE Shelby 12 Fed #8
Magnetic Parameters Model IGRF 2005 Dip 60.305° Mag Dec -8.530°	Surface Location Lat N32 24 7.032 Lon W104 27 21.889 Northing 509966.80 ftUS Easting 462116.00 ftUS NAD27 New Mexico State Planes, Eastern Zone, US Feet Gric Conv -0.06577473° Scale Fact 0.9999107346	Miscellaneous Slot Shelby 12 Fed #8 Plan Shelby 12 Fed #8, surveys TVD Ref RKB (0.00 ft above) Srvy Date November 21, 2006





Scientific
Drilling

Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.
Field: McKittrick Hills
Site: Eddy County, NM
Well: Shelby 12 Fed #8
Wellpath: VH - Job #32K1106946

Date: 01/10/2007 Time: 19:15:37
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0 0
Section (VS) Reference: Well (0 00N,0 00E,218.65Azi)
Survey Calculation Method: Minimum Curvature

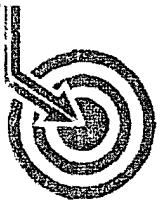
Page: 1
Db: Sybase

Survey: 11/18/06
KSRG 0'-3930'
Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Surface Readout

Start Date: 11/18/2006
Engineer: Madrid/Rando
Tied-to: From Surface

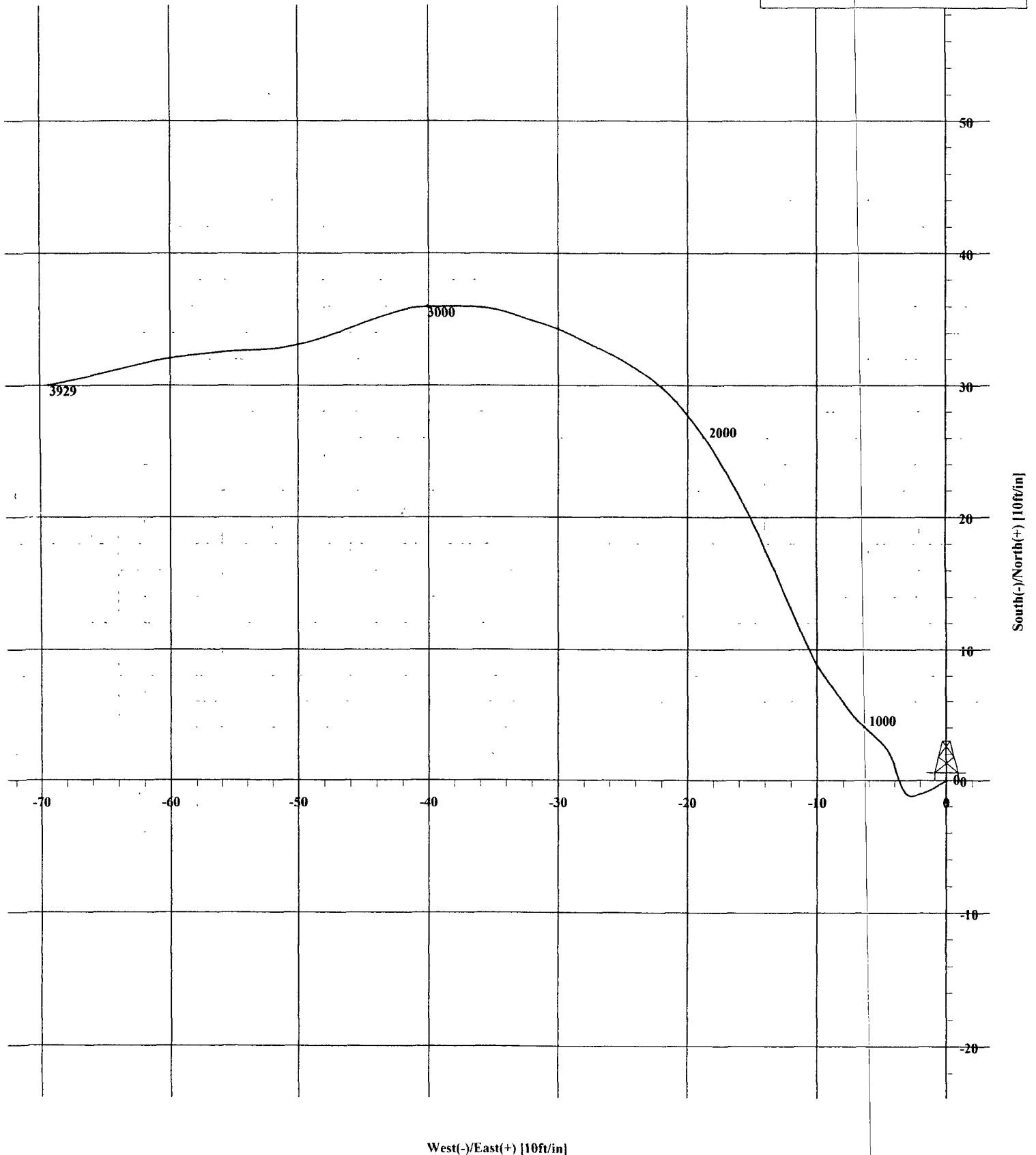
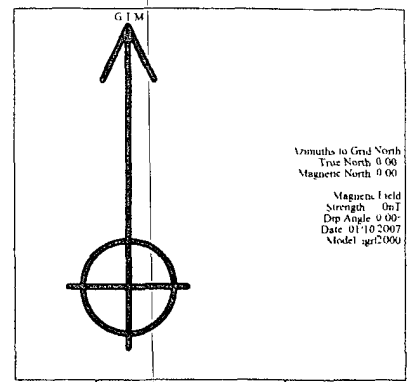
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0 00	0.00	0.06	0.00	0 00	0.00	0.00	0.00	0.00	0.00
100.00	0.28	241.15	100.00	0 23	-0.12	-0.21	0.28	0 24	241.15
200.00	0.25	238.56	200.00	0.66	-0.35	-0.61	0.03	0.71	240.35
300.00	0.35	237.48	300.00	1.15	-0 63	-1 06	0.10	1.23	239.32
400.00	0.51	251.69	399.99	1.81	-0 93	-1 74	0.19	1.97	241.81
500.00	0 47	257.20	499.99	2.51	-1.16	-2.56	0.06	2.81	245.58
600.00	0.57	326.29	599.99	2.68	-0.84	-3.24	0.60	3.34	255.46
700.00	0.71	340.85	699.98	2.20	0.16	-3.72	0.21	3 72	272.46
800.00	0.90	343.01	799.97	1.42	1.50	-4.15	0.19	4.41	289.83
900.00	1.03	313.10	899.96	0.91	2.86	-5.03	0.51	5.79	299.61
1000.00	1.03	310.82	999.94	0.81	4.06	-6 37	0 04	7.56	302.53
1100.00	1.02	323.99	1099.93	0.54	5.37	-7 57	0.24	9 28	305.34
1200.00	0.91	324.70	1199.91	0.08	6.74	-8.56	0.11	10.89	308.22
1300.00	1.27	325.56	1299.89	-0 46	8.30	-9 64	0.36	12 72	310.72
1400.00	1.74	335.86	1399.86	-1.48	10 60	-10.89	0.54	15.20	314.23
1500.00	1.73	336.66	1499.81	-2.88	13.37	-12.11	0.03	18.04	317.84
1600.00	1.75	336.51	1599.77	-4.30	16.16	-13 32	0.02	20 94	320.51
1700.00	1.68	334.49	1699.72	-5 66	18.88	-14.56	0.09	23.84	322.37
1800.00	1.52	330.51	1799.68	-6.79	21.36	-15.84	0.19	26.59	323.44
1900.00	1.64	329.65	1899.64	-7.79	23.75	-17.22	0.12	29.33	324 06
2000.00	1.54	324.34	1999.61	-8.67	26.07	-18.72	0.18	32.10	324.32
2100.00	1 48	319.73	2099.57	-9.28	28.15	-20.34	0.14	34.73	324.15
2200.00	1.37	310.48	2199.54	-9.57	29.91	-22.08	0.25	37.18	323.56
2300.00	1.56	301.75	2299.51	-9.44	31.41	-24.15	0.29	39.62	322.44
2400.00	1 47	295.41	2399.47	-8.99	32.67	-26.47	0.19	42.05	320.99
2500.00	1.58	295.82	2499.44	-8.39	33.82	-28.87	0.11	44.47	319.52
2600.00	1.38	285.49	2599.40	-7.61	34.74	-31.27	0.33	46.74	318.02
2700.00	1.24	289.20	2699.38	-6.77	35.42	-33.45	0.16	48.72	316.64
2800.00	1.27	276.56	2799.35	-5.82	35.90	-35.57	0.28	50.54	315.27
2900.00	1.31	269.67	2899.33	-4.52	36.02	-37.82	0.16	52.23	313.61
3000.00	1 29	269.03	2999.30	-3.08	36.00	-40.09	0.02	53.88	311.93
3100.00	1.39	253.45	3099.28	-1.37	35.63	-42.37	0.38	55.37	310.06
3200.00	1.55	249.90	3199.24	0.79	34.82	-44.81	0.18	56.75	307.86
3300.00	1.65	250.40	3299.20	3.17	33 88	-47.43	0.10	58.29	305.53
3400.00	1.60	257.62	3399.16	5.48	33.09	-50.15	0 21	60.09	303.42
3500.00	1 60	268.03	3499.13	7.47	32.75	-52.91	0.29	62.23	301.75
3600.00	1.95	265.64	3599.08	9.54	32.57	-56.00	0.36	64.79	300 18
3700.00	2.20	261.53	3699.01	12.11	32.16	-59.60	0.29	67.72	298.35
3800.00	2 50	255.29	3798.93	15.26	31.32	-63.61	0.39	70.90	296.22
3900 00	2.67	258.66	3898.83	18.80	30.31	-68.00	0.23	74.45	294.02
3930.00	2.58	258.34	3928.79	19.85	30.04	-69.35	0.30	75.57	293.42



Scientific
Drilling

Field: McKittrick Hills
Site: Eddy County, NM
Well: Shelby 12 Fed #8
Wellpath: VH - Job #32K1106946
Survey: 11/18/06



OPERATOR
WELL/LEASE
COUNTY

Occidental Permian/OXY
Shelby 12 Fed 8
Eddy, NM

508-0095

STATE OF NEW MEXICO
DEVIATION REPORT

229	0.25
732	1.25
1,017	1.25
1,544	1.75
1,752	1.75
2,036	1.50
2,544	1.50
3,020	1.25
3,496	1.25

STATE OF TEXAS

COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP

December 8, 2006, by Steve

Jonie D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

