Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-53219

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other

6. If Indian, Allotee 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 192463

8. Lease Name and Well No.
McKittrick 10 Federal #1

3. Address
P.O. Box 50250 Midland, TX 79710

3a. Phone No. (include area code)
432-685-5717

9. API Well No.
30-015-35231

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2647 FSL 660 FWL NWSW(L)

AUG 14 2007
OCD-ARTESIA

10. Field and Pool, or Exploratory
Indian Basin Up Penn Assoc

11. Sec., T., R., M., or Block and Survey or Area
Sec 10 T22S R24E

At top prod. interval reported below

At total depth 1944 FSL 660 FWL NWSW(L)

12. County or Parish
Eddy

13. State
NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed ☐ D & A ☒ Ready to Prod.	17. Elevations (DF, RKB, RT, GL)*
12/14/06	1/19/07	3/27/07	4056'

18. Total Depth: MD / TVD	19. Plug Back T.D.: MD / TVD	20. Depth Bridge Plug Set: MD / TVD
8700' / 8625'	8643' / 8573'	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
HDIL\CZDL\DSL\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 Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4"	9-5/8"	36#	0	1615'	600'	955	301	Surf-Circ	N/A
8-3/4"	7"	26#	0	8700'	6027'	1300	514	Surf-Circ	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"	8365'							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	Penn	8108'	8260'	8108-8260'	.42	306	Open
B)							
C)							
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
1150'	180sx PP cmt w/ 2% CaCl2
225'	180sx PP cmt w/ 2% CaCl2
8108-8260'	19000g 15% Ferchek Acid

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
3/30/07	5/10/07	24	→	14	235	3414			ESP
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr.**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas: Oil Ratio**	**Well Status**	
---	337	56	→	14	235	3414		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	2800'
				Bone Spring	3200'
				Wolfcamp	7003'
				Penn	8052'

32. Additional remarks (include plugging procedure):

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 [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:	January 22, 2007	**Survey / DLS Computation Method:**	Minimum Curvature / Lubinski
Client:	OXY	**Vertical Section Azimuth:**	180 080°
Field:	Eddy County, NM	**Vertical Section Origin:**	N 0 000 ft, E 0.000 ft
Structure / Slot:	Mckittrick 10 Fed #1 / Mckittrick 10 Fed #1	**TVD Reference Datum:**	RKB
Well:	Mckittrick 10 Fed #1	**TVD Reference Elevation:**	0 0 ft relative to
Borehole:	Mckittrick 10 Fed #1	**Sea Bed / Ground Level Elevation:**	0 000 ft relative to
UWI/API#:		**Magnetic Declination:**	8.532°
Survey Name / Date:	Mckittrick 10 Fed #1_surveys / January 5, 2007	**Total Field Strength:**	49106 591 nT
Tort / AHD / DDI / ERD ratio:	78 506° / 786 97 ft / 4 795 / 0 091	**Magnetic Dip:**	60 303°
Grid Coordinate System:	NAD27 New Mexico State Planes, Eastern Zone, US Feet	**Declination Date:**	January 05, 2007
Location Lat/Long:	N 32 24 19 447, W 104 29 31 776	**Magnetic Declination Model:**	IGRF 2005
Location Grid N/E Y/X:	N 511236 000 ftUS, E 450982 400 ftUS	**North Reference:**	Grid North
Grid Convergence Angle:	-0 08511640°	**Total Corr Mag North -> Grid North:**	+8.617°
Grid Scale Factor:	0 99991184	**Local Coordinates Referenced To:**	Well Head

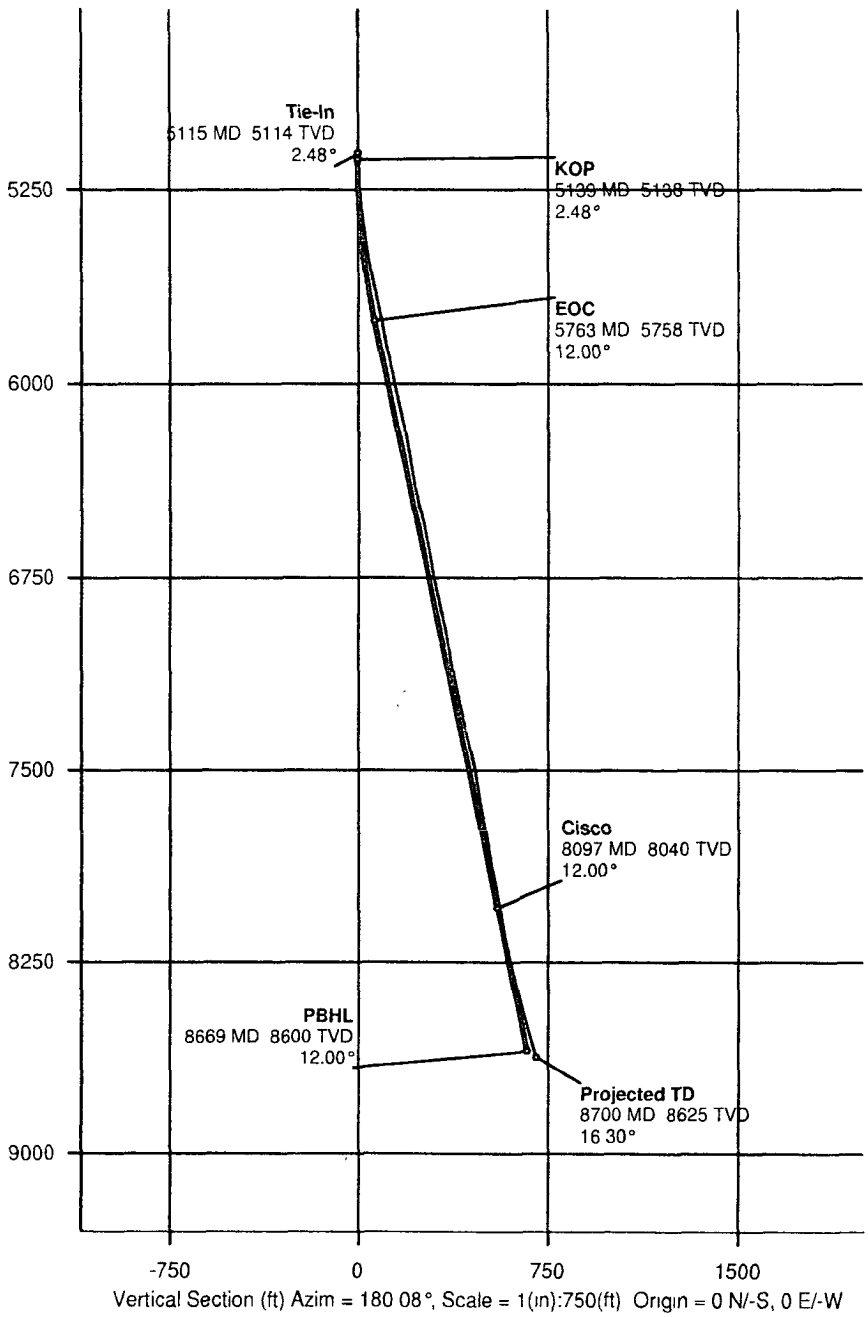
Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Mag / Grav Tool Face (deg)	Build Rate (deg/100 ft)
Tie-In	5115.00	2.48	275 74	5114.16	-1.05	1.03	14 88	14.92	86.04	1.01	269.50M	0.5
	5128.00	2.60	269.50	5127.15	-1.08	1.06	14.31	14.35	85.78	2.32	259.30M	0.9
	5159.00	3.30	259 30	5158.11	-0.90	0.88	12.73	12.76	86.02	2.81	243.70M	2.2
	5191.00	4.30	243.70	5190.04	-0.20	0.18	10.75	10.75	89.03	4.47	228.90M	3.1
	5223.00	5.70	228.90	5221.92	1.38	-1.39	8.48	8.59	99.34	5.91	59.79L	4.3
	5254.00	6.70	216.40	5252.73	3.85	-3.86	6.24	7.34	121.75	5.40	76.37L	3.2
	5286.00	7.30	203.10	5284.50	7.23	-7.23	4.34	8.43	149 06	5.39	84.80L	1.8
	5318.00	7.60	191.30	5316.23	11.18	-11.18	3.12	11.61	164.39	4.86	91.81L	0 9
	5349.00	7.70	180.00	5346.96	15.26	-15.27	2.72	15.51	169.89	4.86	67.12L	0.3
	5381.00	8.10	174.00	5378.65	19.65	-19.65	2.96	19.87	171.44	2.86	53.37L	1.2
	5413.00	8.50	170.50	5410.32	24.22	-24.23	3.58	24.49	171.59	2.01	5.36R	1.2
	5445.00	9.00	170.80	5441.95	29.03	-29.03	4.37	29.36	171.43	1.57	71.87R	1.5
	5476.00	9.20	174.30	5472.56	33.88	-33.89	5.01	34.26	171.59	1.90	34.15R	0.6
	5540.00	10.40	178.70	5535.62	44.75	-44.76	5.65	45.11	172.81	2.21	8.00R	1.8
	5603.00	11.70	179.60	5597.45	56.82	-56.83	5.82	57.13	174.15	2.08	48.39L	2.0
	5666.00	12.20	177.00	5659.09	69.86	-69.87	6.21	70.14	174.92	1.17	111.17L	0.7
	5730.00	11.80	171.20	5721.69	83.08	-83.09	7.57	83.43	174.79	1.98	163.23R	-0.6
	5793.00	11.60	171.50	5783.38	95.70	-95.72	9.49	96.19	174.34	0.33	89.80R	-0.3
	5857.00	11.70	178.90	5846.07	108.55	-108.57	10.57	109.08	174.44	2.34	55.11R	0.1
	5920.00	12.50	183.90	5907.67	121.74	-121.76	10.23	122.19	175.20	2.09	148.00L	1.2
	5984.00	12.10	182.70	5970.20	135.36	-135.37	9.44	135.70	176.01	0.74	116.66L	-0.6
	6047.00	11.90	180.70	6031.82	148.45	-148.46	9.05	148.73	176.51	0.73	16.13L	-0.3
	6110.00	12.50	179.90	6093.40	161.76	-161.77	8.98	162.02	176.82	0 99	122.71L	0.9
	6174.00	12.10	176.80	6155.93	175.38	-175.40	9.37	175.65	176.94	1.21	171.00L	-0.6
	6237.00	10.80	175.70	6217.68	187.86	-187.88	10.18	188.15	176.90	2.09	135 61R	-2.0
	6301.00	10.00	180.40	6280.63	199.40	-199.41	10.59	199.69	176.96	1.82	58.02R	-1.2
	6364.00	10.60	185.30	6342.61	210.64	-210.65	10.02	210.89	177.28	1.68	23.04R	0.9
	6396.00	11.10	186.40	6374.04	216.63	-216 64	9.40	216.85	177.52	1.69	16.13L	1.5
	6459.00	12.20	184.90	6435.74	229.29	-229.30	8.16	229.45	177.96	1.81	64.99L	1.7
	6523.00	12.80	179.60	6498.22	243.12	-243.13	7.63	243.25	178.20	2.02	97.13L	0.9
	6586.00	12.70	172.90	6559 67	256.97	-256.98	8.53	257.12	178.10	2.35	146.57L	-0.1
	6650.00	11.90	170 30	6622.21	270.45	-270.47	10.51	270.67	177.77	1.52	131.27R	-1.2
	6713.00	11.00	176.00	6683.95	282.85	-282.87	12.03	283.12	177.57	2.29	75.12R	-1.4
	6776.00	11 50	183.60	6745 75	295.11	-295.13	12.05	295.38	177.66	2.48	31.58R	0 7
	6840.00	12.50	186.40	6808.35	308.37	-308.38	10.88	308.57	177.98	1.81	41.47L	1 5
	6903.00	13.10	184.10	6869.78	322.26	-322.28	9.61	322.42	178.29	1 25	109 75L	0 9
	6966.00	12.70	178.20	6931 19	336.31	-336.32	9.32	336.45	178.41	2.18	140.75L	-0.6
	7030.00	11 40	172.60	6993 78	349.61	-349.63	10.35	349.78	178 30	2.73	177.47R	-2 0

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)	Mag / Grav Tool Face (deg)	Build Rate (deg/100 ft)
	7093 00	10 20	172 90	7055.67	361.32	-361 34	11.84	361.53	178.12	1.91	67.13R	-1.9
	7157 00	10.40	175 40	7118 64	372.70	-372.72	13.01	372.95	178.00	0.77	18.74R	0.3
	7220 00	12.30	178.40	7180 40	385.08	-385.10	13.65	385.34	177.97	3.16	83.55R	3.0
	7283.00	12 40	181.70	7241.95	398 55	-398.56	13 64	398.80	178 04	1.13	59.10R	0.1
	7347.00	12.60	183.20	7304.43	412.38	-412.40	13.04	412.61	178.19	0.60	35.19R	0.3
	7410 00	13.40	185 60	7365.81	426.51	-426 53	11.95	426 70	178 40	1.53	8.21L	1 2
	7442.00	13.90	185.30	7396.91	434.03	-434.05	11.23	434.19	178.52	1.58	7.04R	1.5
	7474.00	14.30	185.50	7427 95	441.79	-441.81	10 50	441 93	178 64	1 26	176.04L	1 2
	7506.00	13.00	185.10	7459.04	449.31	-449.33	9.80	449.43	178.75	4 07	172.13R	-4 0
	7537.00	10.50	187.00	7489.39	455.59	-455.60	9.14	455.70	178.85	8 16	169 10L	-8 0
	7569.00	9 40	185.70	7520.91	461.09	-461 10	8.53	461.18	178.94	3.51	99.16L	-3.4
	7601 00	9.30	180.30	7552.48	466.27	-466.28	8.26	466.36	178 99	2.76	20.54L	-0.3
	7633.00	10.10	178.60	7584.03	471.66	-471.68	8.31	471.75	178 99	2 66	2.81L	2.5
	7664.00	11.30	178.30	7614.49	477.42	-477.43	8.47	477.50	178.98	3 88	90.00R	3.8
	7696.00	11.30	179.30	7645 87	483.69	-483.70	8.60	483.77	178.98	0 61	159.15R	0 0
	7728.00	11.00	179.90	7677.26	489.87	-489.89	8.64	489.96	178.99	1.01	166.11L	-0.9
	7759.00	10.70	179.50	7707.71	495.71	-495.72	8.67	495.80	179.00	1.00	153 92R	-0.9
	7791.00	10.30	180.60	7739.17	501.54	-501.55	8.67	501.63	179.01	1.40	170 25R	-1.2
	7823.00	9.90	181.00	7770.68	507.15	-507.16	8.59	507.24	179.03	1.27	3.38L	-1 2
	7854.00	10.20	180.90	7801.20	512.56	-512.57	8.50	512.64	179.05	0.97	5.16R	0.9
	7886.00	10.40	181.00	7832.68	518.28	-518.29	8.41	518.36	179.07	0.63	4 33R	0.6
	7918.00	10.90	181.20	7864.13	524.19	-524.21	8.29	524.27	179.09	1.57	11.19R	1.5
	7950.00	11.40	181.70	7895.53	530.38	-530.39	8.14	530.45	179.12	1.59	176.05L	1 5
	8013.00	10.60	181.40	7957.37	542.40	-542.41	7.81	542.46	179.18	1.27	166 54L	-1.2
	8076.00	.9.50	179.80	8019.40	553.39	-553.40	7 69	553.45	179 20	1.80	62.49R	-1.7
	8140.00	9.70	182.00	8082.51	564.06	-564.07	7.52	564.12	179 24	0.65	4.72R	0.3
	8171.00	11.10	182.60	8113 00	569.65	-569.66	7.29	569.71	179.27	4.53	13.96R	4.5
	8203.00	12.40	184.10	8144.33	576.16	-576.17	6.90	576.21	179.31	4.17	15.58R	4 0
	8235.00	13.40	185.30	8175.52	583.28	-583.29	6.32	583.32	179.38	3.24	1 99R	3.1
	8266.00	14.10	185.40	8205.63	590.61	-590.62	5.63	590.65	179.45	2.26	148.32L	2.2
	8298.00	13.50	183.80	8236.71	598.22	-598.23	5.01	598.25	179.52	2.22	155.15R	-1.8
	8330.00	13.40	184.00	8267.83	605.65	-605.65	4.51	605.67	179.57	0.34	14.65L	-0.3
	8393.00	15.10	182.30	8328.89	621.13	-621.14	3.67	621.15	179.66	2.78	132.44R	2.7
	8488.00	14.80	183.60	8420.67	645.61	-645.61	2.41	645.62	179.79	0.47	5.35L	-0.3
	8646.00	16.30	183.10	8572.88	687.89	-687.89	-0.06	687.89	180.00	0.95	---	0.9
Projected TD	8700.00	16.30	183.10	8624.71	703.03	-703.03	-0.88	703.03	180.07	0.00	---	0.0

OXY

WELL	FIELD	STRUCTURE
Mckittrick 10 Fed #1	Eddy County, NM	Mckittrick 10 Fed #1

Magnetic Parameters				Surface Location				NAD27 New Mexico State Planes, Eastern Zone, US Feet				Miscellaneous			
Model	IGRF 2005	Dip	60 303°	Date	January 05, 2007	Lat	N32 24 19 447	Northing	511236 60 ftUS	Grid Conv	-0 08511640°	Slot	Mckittrick 10 Fed #1	TVD Ref	RKB (0 00 ft above)
		Mag Dec	+8 532°	FS	49106 8 nT	Lon	W104 29 31 776	Easting	450982 40 ftUS	Scale Fact	0 9999118427	Plan	Mckittrick 10 Fed #1 sur...	Srvy Date	January 05, 2007



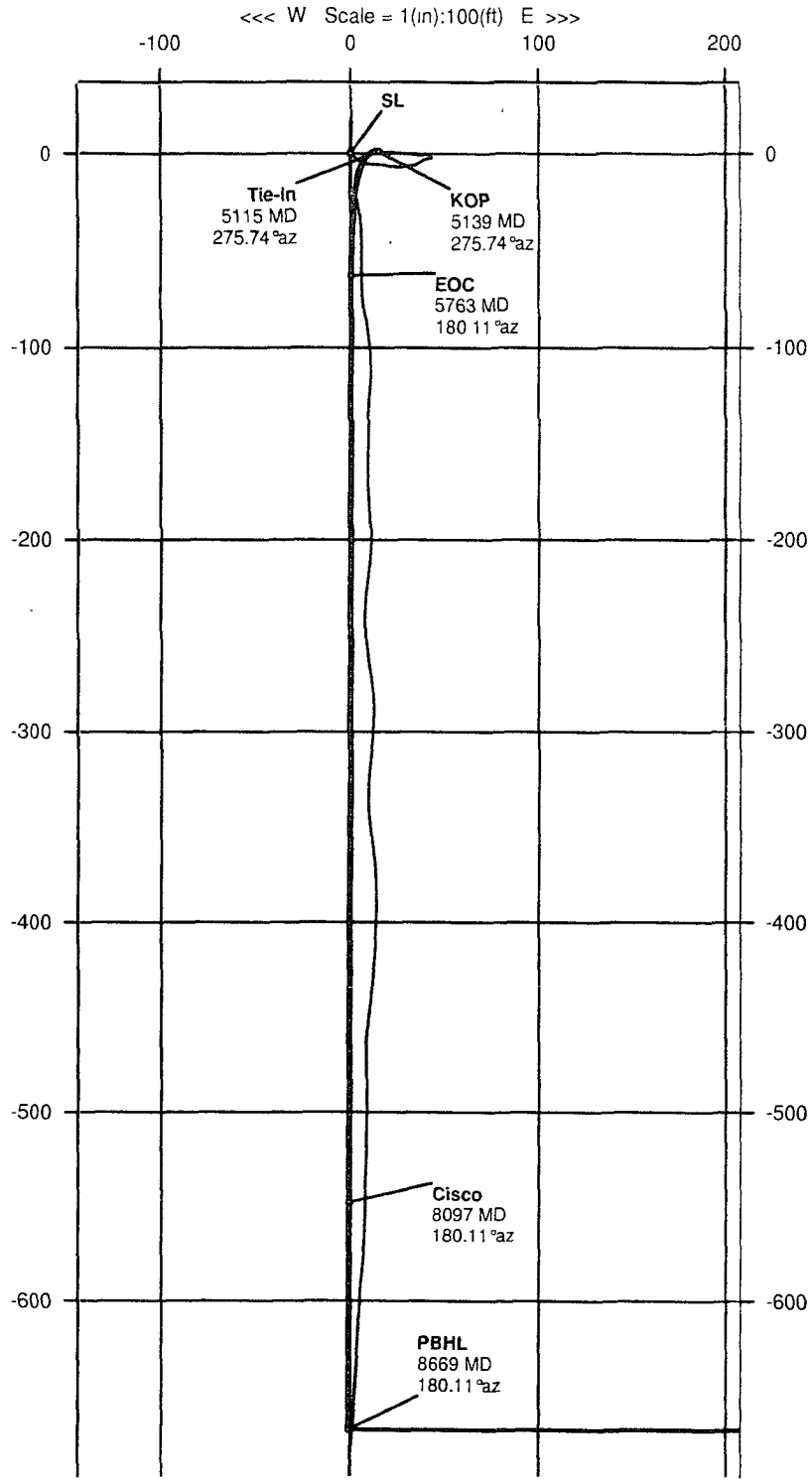
Vertical Section (ft) Azim = 180.08°, Scale = 1(in):750(ft) Origin = 0 N/-S, 0 E/-W

INTREPID
Directional Drilling Specialists

OXY

WELL	FIELD	STRUCTURE
Mckittrick 10 Fed #1	Eddy County, NM	Mckittrick 10 Fed #1

Magnetic Parameters					Surface Location				NAD27 New Mexico State Planes Eastern Zone US Feet				Miscellaneous				
Model	IGRF 2005	Dip	60.303°	Date	January 05, 2007	Lat	N32 24 19 447	Northing	511236 00 ftUS	Grid Conv	-0 08511640°	Slot	Mckittrick 10 Fed #1	TVD Ref	RKB (0 00 ft above)
		Mag Dec	-8 532°	FS	49106 6 nT	Lon	W104 29 31 776	Easting	450982 40 ftUS	Scale Fact	0 9999118427	Plan	Mckittrick 10 Fed #1 surveys	Srvy Date	January 05 2007



INTREPID
Directional Drilling Specialists

Scientific Drilling

Scientific Drilling International
Survey Report

Company:	OCCIDENTAL PERMIAN LTD.	**Date:** 01/29/2007	**Time:** 20:28:04	**Page:**	1
Field:	McKittrick Hills	**Co-ordinate(NE) Reference:**	Site: Eddy County, NM, Grid North		
Site:	Eddy County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	McKittrick 10 Federal #1	**Section (VS) Reference:**	Well (0.00N,0.00E,180.00Azi)		
Wellpath:	VH - Job #32K0107012	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	01/04/07 KSRG 0'-5115'	**Start Date:**	01/04/2007
Company:	Scientific Drilling Internatio	**Engineer:**	Gonzales w/GeoGyro
Tool:	Keeper;Keeper Surface Readout	**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 09	0 00	0 00	0.00	0.00	0.00	0.00	0.00
100.00	0.36	130.08	100.00	0 20	-0.20	0.24	0 36	0.31	130.08
200 00	0.33	114.43	200 00	0.52	-0 52	0.74	0.10	0.91	125.18
300 00	0.29	119.46	300 00	0 77	-0.77	1.23	0.05	1.45	122.05
400.00	0.49	143.62	399.99	1.24	-1.24	1.70	0.25	2.10	126.03
500.00	0.52	133.82	499.99	1.89	-1.89	2.28	0.09	2.96	129.72
600.00	0.55	130.41	599.99	2 52	-2 52	2.97	0.04	3.90	130.28
700.00	0.59	128.98	699.98	3.15	-3.15	3.74	0.04	4.89	130.16
800.00	0.79	117.94	799.97	3.80	-3.80	4.75	0.24	6.08	128.68
900.00	0.86	119.76	899 96	4.50	-4.50	6.01	0 07	7.51	126.81
1000.00	1.31	98.48	999.95	5.04	-5.04	7.79	0 60	9.28	122.89
1100.00	1.41	94.38	1099.92	5.30	-5.30	10.15	0 14	11.45	117.58
1200.00	1.64	92.83	1199.88	5.47	-5.47	12.80	0.23	13.92	113.11
1300.00	1.67	97.13	1299.84	5.72	-5.72	15.68	0.13	16.69	110.03
1400.00	1.64	96.10	1399.80	6.05	-6.05	18.55	0.04	19.51	108.06
1500.00	1.35	101.57	1499.76	6.44	-6.44	21.13	0.32	22.08	106.95
1600.00	1.19	94.65	1599.74	6.76	-6.76	23.31	0 22	24.27	106.17
1700.00	1.06	99.02	1699.72	6.99	-6.99	25.26	0 16	26.21	105.46
1800.00	1.07	81.36	1799.70	6.99	-6.99	27.10	0.33	27.99	104.47
1900.00	0.89	76.80	1899.69	6.67	-6.67	28.78	0.20	29.54	103.06
2000.00	0 78	80.99	1999.68	6.39	-6.39	30.21	0.13	30.88	101.95
2100.00	0.77	82.48	2099.67	6.20	-6.20	31.55	0.02	32.15	101.11
2200.00	0.70	82.55	2199.66	6.03	-6.03	32.82	0.07	33.37	100.41
2300.00	0.61	83.56	2299.65	5.89	-5.89	33.95	0.09	34.46	99.84
2400.00	0.49	63.02	2399.65	5.64	-5.64	34.86	0.23	35.31	99.18
2500.00	0.51	59.70	2499.65	5.22	-5.22	35.63	0.04	36.01	98.33
2600.00	0.51	58.83	2599.64	4.76	-4.76	36.39	0.01	36.70	97.46
2700.00	0.40	63.31	2699.64	4.38	-4.38	37.08	0.12	37.34	96.73
2800.00	0.49	50.68	2799.64	3.95	-3.95	37.73	0.13	37.93	95.97
2900.00	0.50	62.19	2899.63	3.47	-3.47	38.44	0.10	38.60	95.16
3000.00	0.42	78.84	2999.63	3.20	-3.20	39.19	0.15	39.32	94.67
3100.00	0.31	74.57	3099.63	3.06	-3.06	39.81	0.11	39.93	94.39
3200.00	0.37	63.16	3199.62	2.84	-2.84	40.36	0.09	40.46	94 02
3300.00	0.38	68.44	3299.62	2.57	-2.57	40.96	0.04	41.04	93.59
3400.00	0.34	88.71	3399.62	2.44	-2.44	41.56	0.13	41.63	93.36
3500.00	0.28	80.95	3499.62	2.40	-2.40	42.10	0.07	42.17	93.26
3600.00	0.27	94.61	3599.62	2.38	-2.38	42.57	0.07	42.64	93.20
3700.00	0.13	39.77	3699.62	2.31	-2.31	42.88	0.22	42.94	93.08
3800.00	0.24	17.31	3799.62	2.02	-2.02	43.02	0.13	43.06	92.69
3900.00	0 28	319.42	3899.62	1.64	-1.64	42.92	0.25	42.95	92.18
4000.00	0.30	326.21	3999.61	1.23	-1.23	42.62	0.04	42.63	91.66
4100.00	0.27	310.11	4099.61	0.86	-0.86	42.29	0.09	42.30	91.17
4200.00	0.43	272.12	4199.61	0.70	-0.70	41.73	0.27	41.74	90.96
4300.00	0.64	282.94	4299.61	0.56	-0.56	40.82	0.23	40.82	90.79
4400.00	1.14	265.98	4399.60	0.50	-0.50	39.28	0.56	39.28	90.74
4500.00	1.45	267.35	4499.57	0.63	-0.63	37.02	0.31	37.03	90.98
4600.00	1 74	275.13	4599.53	0.56	-0 56	34.25	0 36	34.25	90.93
4700 00	1.91	276.30	4699.48	0.24	-0.24	31.08	0.17	31.08	90.44
4800 00	2.12	274.33	4799.42	-0.09	0.09	27 58	0.22	27 58	89.82

Scientific Drilling

Scientific Drilling International
Survey Report

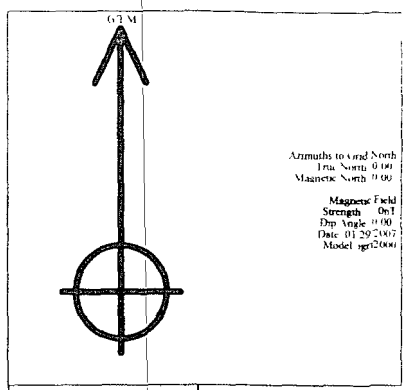
Company:	OCCIDENTAL PERMIAN LTD.	**Date:** 01/29/2007	**Time:** 20:28:04	**Page:**	2
Field:	McKittrick Hills	**Co-ordinate(NE) Reference:**	Site: Eddy County, NM, Grid North		
Site:	Eddy County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	McKittrick 10 Federal #1	**Section (VS) Reference:**	Well (0.00N,0.00E,180.00Azi)		
Wellpath:	VH - Job #32K0107012	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

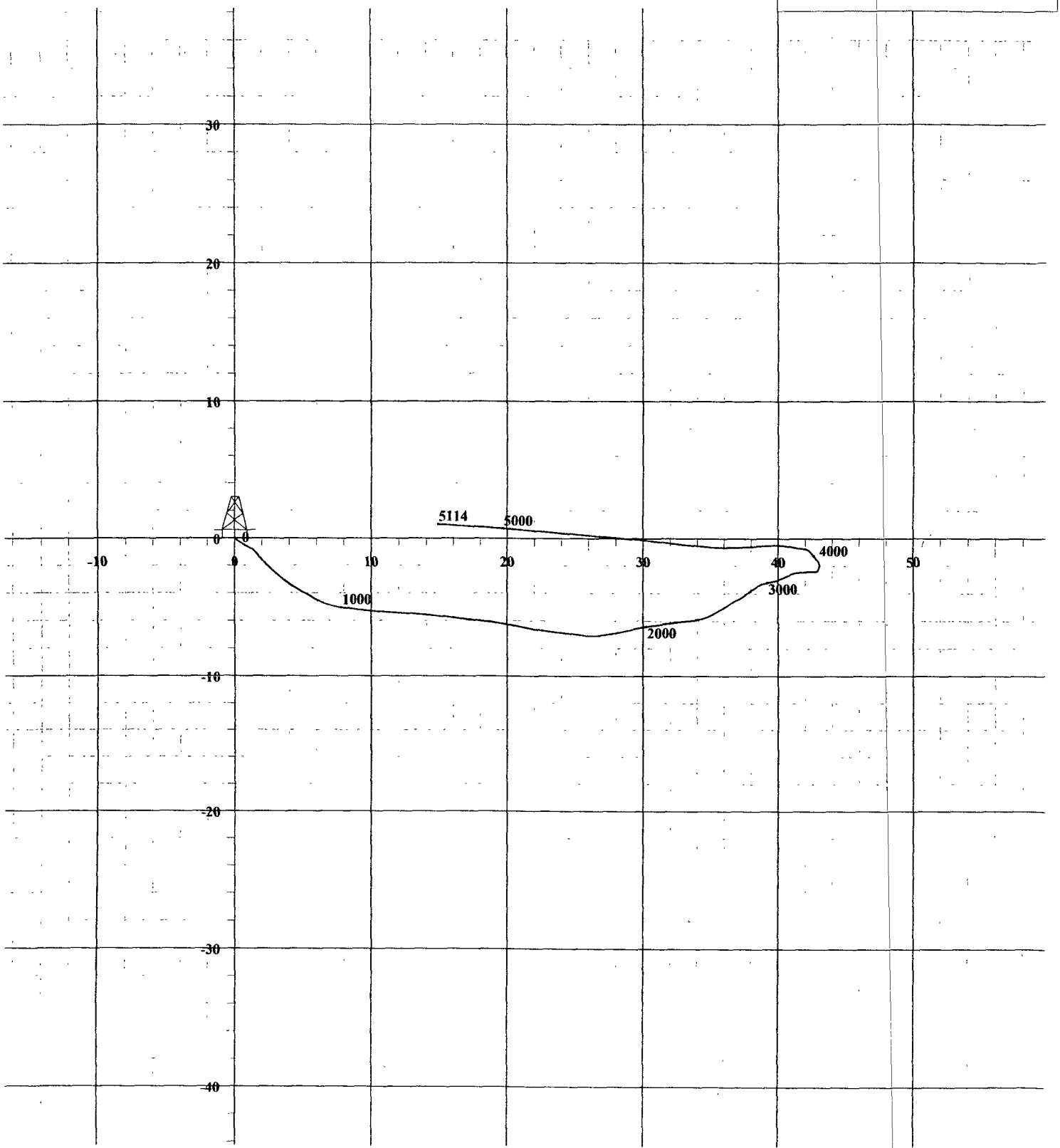
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	2.20	275.08	4899 35	-0.40	0 40	23.82	0.08	23.82	89.05
5000.00	2.47	274.25	4999 26	-0.72	0 72	19.76	0.27	19.77	87.90
5100.00	2.40	272.71	5099.17	-0 98	0.98	15.52	0.10	15.55	86.37
5115 00	2.48	275.74	5114.16	-1.03	1 03	14 88	1.01	14.92	86.04

Scientific Drilling

Field: McKittrick Hills
Site: Eddy County, NM
Well: McKittrick 10 Federal #1
Wellpath: VH - Job #32K0107012
Survey: 01/04/07





OPERATOR OCCIDENTAL PERMIAN/OXY
WELL/LEASE McKittrick 10 Fed #1
COUNTY Eddy Co., NM

508-0096

STATE OF NEW MEXICO
DEVIATION REPORT

245	0.50
699	0 75
1,206	1 75
1,365	1.75
1,819	1 00
2,294	0.75
2,768	0 75
3,245	0.25
3,721	0.25
4,196	0.25
4,670	2 00
4,797	2.00

BY

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on January 25, 2007, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Notary Public for Midland County, Texas
My Commission Expires. 4/08/07

JONI D. HODGES
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 4-8-2007