

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-ARTESIAFORM APPROVED
OMB NO 1004-0137
Expires November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☐ Oil Well ☐ Gas Well ☒ Dry ☐ Other		5 Lease Serial No. NMNM070522A	
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other		6 If Indian, Allottee or Tribe Name	
2 Name of Operator OXY USA WTP Limited Partnership		7 Unit or CA Agreement Name and No.	
3 Address P.O. Box 50250 Midland, TX 79710		8 Lease Name and Well No. Indian Basin 25 Federal #2	
3a Phone No (include area code) 432-685-5717		9 API Well No. 30-015-34025	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1075 FSL 2025 FEL SWSE(0) At top prod. interval reported below 659 FSL 2055 FEL SWSE(0) At total depth 661 FSL 2058 FEL SWSE(0)		10 Field and Pool, or Exploratory Indian Basin Morrow	
14 Date Spudded 1/30/07		11 Sec., T, R, M, or Block and Survey or Area Sec 25 T21S R23E	
15 Date T D. Reached 3/26/07		12 County or Parish Eddy	
16 Date Completed ☐ D & A ☒ Ready to Prod. 5/9/07		13 State NM	
17 Elevations (DF, RKB, RT, GL)* 3798'			
18 Total Depth MD 9690' TVD 9653'		19 Plug Back T D MD 9643' TVD 9606'	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CZDL\DSL\DLL\MLL\CNL\GRL	
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	1230'	598'	2300	3716	Surf-Circ	N/A
8-3/4"	7"	26#	0	8508'	5904'	1250	1628	Surf-Circ	N/A
6-1/8"	4-1/2"	13.5#	8272'	9688'	---	130	218	8272'-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)
2-3/8"	8725'							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Morrow	8814'	9576'	8814-9576'	.45	66	Open
B)						
C)						
D)						

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
9490-9576'	40# WaterFrac CMHPG + 70% CO2 w/ 38000# versaprop
8814-8824'	40# WaterFrac CMHPG + 70% CO2 w/ 12000# versaprop

ACCEPTED FOR RECORD

DEC 1 2007

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
9/12/07	10/29/07	24	→	1	137	6			
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
open	59			1	137	6		producing	

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	

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
				Bone Spring	5975'
				Wolfcamp	6443'
				Penn	7393'
				Morrow	8800'

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 StewartTitle Sr. Regulatory AnalystSignature Date 11/12/07

DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 86240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 86210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-34025	Pool Code 78960	Pool Name Indian Basin Morrow Gas Pool
Property Code	Property Name INDIAN BASIN 25 FEDERAL	Well Number 2
OGRID No. 192463	Operator Name OXY USA WTP LP	Elevation 3798'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	21-S	23-E		1075	SOUTH	2025	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	21S	23E		660 661	South	2055 2058	East	Eddy
Dedicated Acres 320	Joint or Infill Y	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
		Signature 	Date 12/8/06
		David Stewart-Sr. Reg Analyst	
		Printed Name	
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.		JUNE 21, 2006	
		Date Surveyed	MR
		Signature & Seal of Professional Surveyor 	6/28/06
		Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239	06.11.1067

Survey Report

Report Date	March 23, 2007	Survey / DLS Computation Method:	Minimum Curvature / Lubinski
Client:	OXY	Vertical Section Azimuth:	184 130°
Field	Eddy County, NM	Vertical Section Origin	N 0 000 ft, E 0 000 ft
Structure / Slot	Indian Basin 25 Federal #F-2 : OXY	TVD Reference Datum:	RKB
Well:	Indian Basin 25 Federal # F-2	TVD Reference Elevation:	0 0 ft relative to
Borehole:	Indian Basin 25 Federal #F-2	Sea Bed / Ground Level Elevation:	0 000 ft relative to
UWI/API#:		Magnetic Declination:	8 547°
Survey Name / Date:	Indian Basin 25 Federal #F-2_surveys / February 19, 2007	Total Field Strength:	49111 515 nT
Tort / AHD / DDI / ERD ratio:	62 116° / 460 99 ft / 4 459 / 0 048	Magnetic Dip:	60 326°
Grid Coordinate System:	NAD27 New Mexico State Planes, Eastern Zone, US Feet	Declination Date:	February 19, 2007
Location Lat/Long:	N 32 26 42 882, W 104 33 12 244	Magnetic Declination Model:	IGRF 2005
Location Grid N/E Y/X:	N 525763 700 ftUS, E 432111 800 ftUS	North Reference:	Grid North
Grid Convergence Angle:	-0 11806532°	Total Corr Mag North -> Grid North:	+8 665°
Grid Scale Factor:	0 99991437	Local Coordinates Referenced To:	Well Head

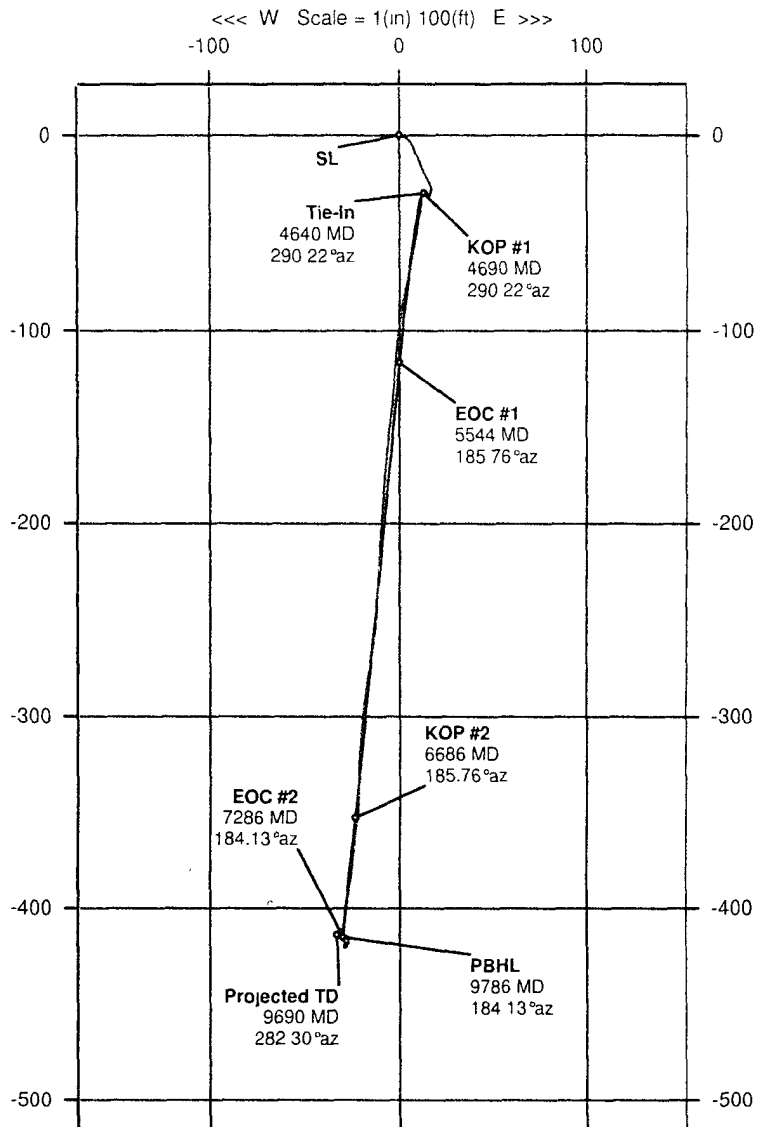
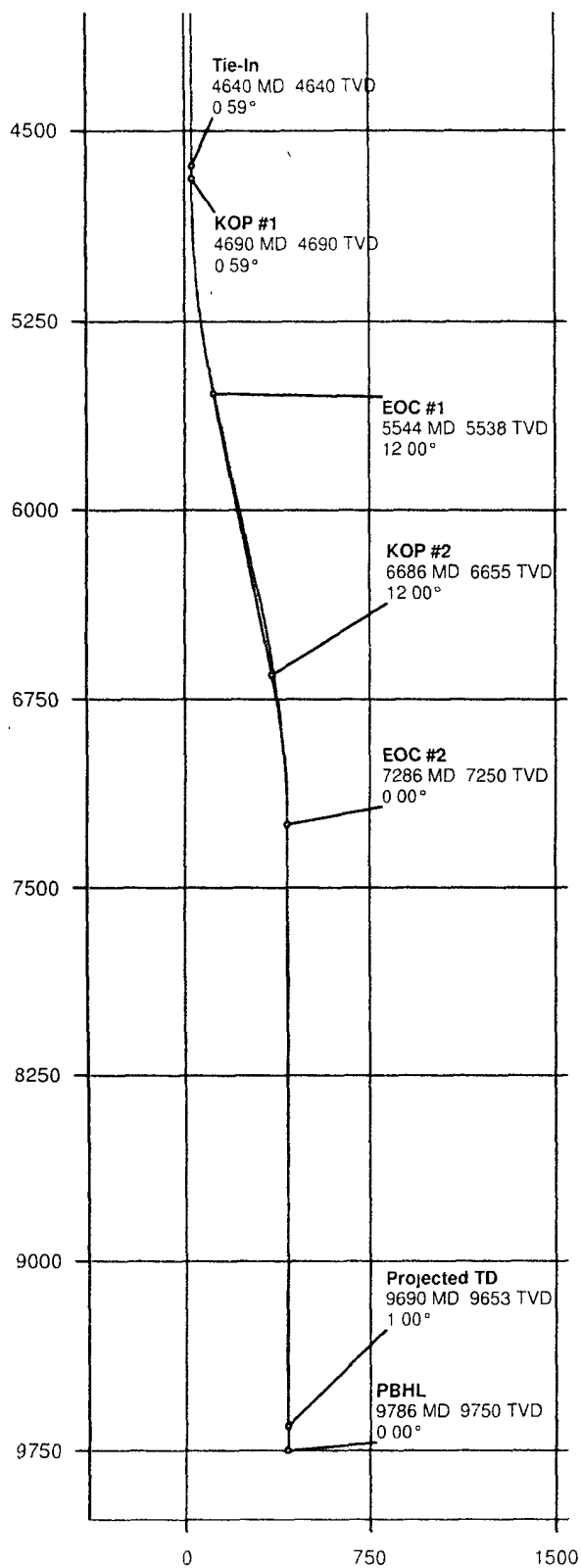
Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Mag / Grav Tool Face (deg)	Build Rate (deg/100 ft)
ie-In	4640.00	0.59	290.22	4639.76	28.64	-29.71	13.68	32.70	155.28	0.03	280.50M	-0.03
	4655.00	0.80	280.50	4654.76	28.61	-29.66	13.50	32.59	155.53	1.60	244.70M	1.41
	4686.00	0.70	244.70	4685.76	28.68	-29.70	13.12	32.47	156.17	1.52	230.70M	-0.33
	4718.00	0.80	230.70	4717.76	28.93	-29.93	12.77	32.54	156.90	0.65	205.10M	0.3
	4750.00	1.50	205.10	4749.75	29.47	-30.45	12.42	32.88	157.81	2.66	188.10M	2.15
	4781.00	1.90	188.10	4780.74	30.37	-31.32	12.17	33.61	158.76	2.06	186.70M	1.24
	4813.00	2.50	186.70	4812.71	31.59	-32.54	12.02	34.69	159.73	1.88	181.70M	1.81
	4845.00	2.80	181.70	4844.68	33.07	-34.02	11.91	36.04	160.70	1.18	184.70M	0.91
	4876.00	2.80	184.70	4875.64	34.58	-35.53	11.83	37.45	161.59	0.47	191.60M	0.01
	4908.00	2.70	191.60	4907.61	36.11	-37.05	11.61	38.82	162.60	1.08	191.20M	-0.3
	4940.00	2.90	191.20	4939.57	37.66	-38.58	11.30	40.20	163.67	0.63	195.00M	0.61
	4972.00	3.20	195.00	4971.52	39.34	-40.23	10.91	41.69	164.82	1.13	195.50M	0.91
	5003.00	3.40	195.50	5002.47	41.10	-41.96	10.44	43.24	166.02	0.65	191.20M	0.61
	5036.00	3.60	191.20	5035.41	43.08	-43.92	9.98	45.04	167.19	1.00	189.50M	0.6
	5067.00	4.20	189.50	5066.34	45.18	-45.99	9.61	46.98	168.20	1.97	187.60M	1.91
	5099.00	5.10	187.60	5098.23	47.77	-48.56	9.22	49.42	169.24	2.85	7.41R	2.8
	5131.00	5.80	188.50	5130.09	50.80	-51.56	8.80	52.31	170.32	2.20	25.13R	2.11
	5162.00	6.40	191.00	5160.91	54.07	-54.81	8.24	55.43	171.45	2.12	4.84L	1.91
	5194.00	7.30	190.40	5192.68	57.87	-58.56	7.53	59.04	172.67	2.82	HS	2.8
	5226.00	7.80	190.40	5224.41	62.05	-62.70	6.77	63.06	173.84	1.56	28.41R	1.56
	5258.00	8.40	192.60	5256.09	66.52	-67.11	5.87	67.37	175.00	2.11	17.62L	1.81
	5289.00	9.10	191.20	5286.73	71.19	-71.73	4.90	71.89	176.09	2.36	1.91R	2.21
	5321.00	9.60	191.30	5318.30	76.35	-76.83	3.88	76.92	177.11	1.56	9.95R	1.56
	5353.00	10.10	191.80	5349.83	81.78	-82.19	2.79	82.24	178.06	1.59	20.63L	1.56
	5384.00	10.80	190.40	5380.31	87.36	-87.71	1.71	87.72	178.89	2.40	37.50L	2.21
	5416.00	11.00	189.60	5411.74	93.38	-93.67	0.66	93.67	179.60	0.78	22.36L	0.61
	5448.00	11.80	188.00	5443.11	99.68	-99.92	-0.31	99.92	180.18	2.69	46.73L	2.51
	5479.00	12.10	186.50	5473.43	106.09	-106.28	-1.12	106.29	180.60	1.39	39.35L	0.9
	5511.00	12.50	185.00	5504.70	112.90	-113.07	-1.80	113.08	180.91	1.60	55.44L	1.21
	5543.00	12.70	183.70	5535.93	119.88	-120.03	-2.33	120.05	181.11	1.08	90.00R	0.61
	5574.00	12.70	184.80	5566.17	126.70	-126.82	-2.83	126.85	181.28	0.78	90.00L	0.01
	5606.00	12.70	184.70	5597.39	133.73	-133.83	-3.42	133.88	181.46	0.07	123.90R	0.01
	5638.00	12.50	186.10	5628.62	140.71	-140.78	-4.07	140.84	181.66	1.14	113.40R	-0.61
	5669.00	12.40	187.20	5658.89	147.39	-147.42	-4.85	147.50	181.88	0.83	90.00L	-0.31
	5701.00	12.40	186.70	5690.14	154.25	-154.24	-5.68	154.35	182.11	0.34	90.00L	0.01
	5733.00	12.40	186.00	5721.39	161.12	-161.07	-6.44	161.20	182.29	0.47	74.62L	0.01
	5764.00	12.50	184.40	5751.67	167.80	-167.73	-7.04	167.87	182.40	1.16	90.00R	0.31
	5796.00	12.50	184.90	5782.91	174.72	-174.63	-7.60	174.79	182.49	0.34	90.00R	0.01

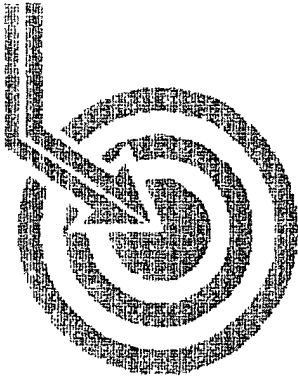
revEditor Ver SP 2 1 Bid(doc40x0001 Indian Basin 25 Federal # F-2\Indian Basin 25 Federal #F-2\Indian Basin 25 Federal #F-2 sube Generated 3/23/2007 8:55 AM Page 2

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)
	8331.00	0.30	158.60	8294.21	419.11	-418.25	-26.97	419.12	183.69	0.74	291.20M	-0.31
	8394.00	0.60	291.20	8357.21	419.16	-418.29	-27.21	419.17	183.72	1.32	273.60M	0.41
	8453.00	0.60	273.60	8416.21	419.07	-418.16	-27.81	419.08	183.80	0.31	285.80M	0.01
	8520.00	0.50	285.80	8483.20	419.02	-418.05	-28.44	419.02	183.89	0.23	306.00M	-0.11
	8570.00	0.50	306.00	8533.20	418.86	-417.87	-28.83	418.86	183.95	0.35	340.10M	0.01
	8633.00	0.40	340.10	8596.20	418.51	-417.50	-29.12	418.51	183.99	0.45	335.50M	-0.11
	8696.00	0.60	335.50	8659.20	418.02	-416.99	-29.34	418.02	184.02	0.32	340.20M	0.31
	8760.00	0.50	340.20	8723.20	417.47	-416.42	-29.57	417.47	184.06	0.17	350.30M	-0.11
	8823.00	0.40	350.30	8786.19	417.01	-415.95	-29.70	417.01	184.08	0.20	351.80M	-0.11
	8886.00	0.40	351.80	8849.19	416.58	-415.51	-29.77	416.58	184.10	0.02	339.80M	0.01
	8949.00	0.50	339.80	8912.19	416.11	-415.04	-29.89	416.11	184.12	0.22	357.80M	0.11
	9013.00	0.70	357.80	8976.19	415.47	-414.39	-30.01	415.47	184.14	0.43	355.80M	0.31
	9077.00	0.90	355.80	9040.18	414.58	-413.49	-30.06	414.58	184.16	0.32	354.00M	0.31
	9140.00	1.10	354.00	9103.17	413.50	-412.40	-30.16	413.50	184.18	0.32	132.40M	0.31
	9203.00	0.10	132.40	9166.17	412.94	-411.83	-30.18	412.94	184.19	1.87	246.90M	-1.51
	9266.00	0.40	246.90	9229.17	413.07	-411.96	-30.34	413.07	184.21	0.72	330.80M	0.41
	9329.00	1.00	330.80	9292.16	412.71	-411.56	-30.81	412.72	184.28	1.65	267.30M	0.91
	9392.00	0.60	267.30	9355.16	412.29	-411.10	-31.41	412.30	184.37	1.44	167.10M	-0.61
	9455.00	1.00	167.10	9418.15	412.86	-411.65	-31.62	412.86	184.39	1.99	176.20M	0.61
	9519.00	1.60	176.20	9482.14	414.28	-413.09	-31.43	414.28	184.35	0.99	262.30M	0.91
	9582.00	0.50	262.30	9545.13	415.21	-414.00	-31.65	415.21	184.37	2.61	282.30M	-1.71
	9653.00	1.00	282.30	9616.12	415.18	-413.91	-32.56	415.19	184.50	0.78	---	0.71
Projected TD	9690.00	1.00	282.30	9653.12	415.09	-413.77	-33.19	415.10	184.59	0.00	---	0.01

OXY

WELL Indian Basin 25 Federal # F-2	FIELD Eddy County, NM	STRUCTURE Indian Basin 25 Federal #F-2
Magnetic Parameters Magna 1000-200	Dr 60321 Mag 821	Date February 19, 2007 FS 45.11.21
Survey Location LA N22 25 42 N62 WB N14 33 12 E44	NAD83 North Arrow Scale 1:100,000 NAD83 North Arrow Scale 1:100,000 NAD83 North Arrow Scale 1:100,000	Miscellaneous SL OXY Plan Indian Basin 25 Federal #F-2, 2007





Scientific Drilling

OCCIDENTAL PERMIAN LTD.

Field: Indian Basin
Site: Eddy County, NM
Well: Indian Basin 25 Federal #2
Wellpath: VH - Job #32K0207151
Survey: 02/18/07

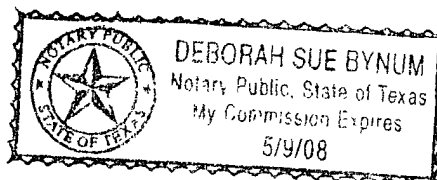
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Deborah S. Bynum*..... Company Representative

Notorized this date 4th of April, 2007.

Deborah S. Bynum
Notary Signature

County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: OCCIDENTAL PERMIAN LTD.
Field: Indian Basin
Site: Eddy County, NM
Well: Indian Basin 25 Federal #2
Wellpath: VH - Job #32K0207151

Date: 03/21/2007 Time: 16:45:30 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM. Grid North
Vertical (TVD) Reference: SITE 0 0
Section (VS) Reference: Well (0.00N,0.00E,184.13Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 02/18/07
KSRG 0'-4640'
Company: Scientific Drilling Internatio
Tool: Keeper;Keeper Surface Readout

Start Date: 02/18/2007
Engineer: Gonzales/Rando
Tied-to: From Surface

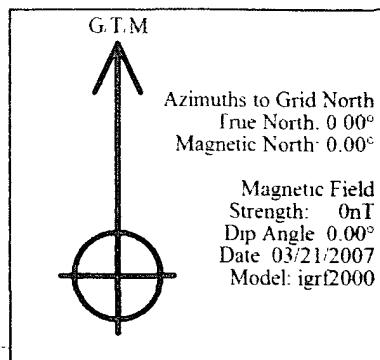
Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.38	281.70	100.00	-0.04	0.07	-0.32	0.38	0.33	281.70
200.00	0.30	296.47	200.00	-0.19	0.25	-0.88	0.12	0.92	285.87
300.00	0.12	356.34	300.00	-0.39	0.47	-1.13	0.26	1.22	292.80
400.00	0.18	19.25	400.00	-0.65	0.73	-1.08	0.08	1.30	303.91
500.00	0.58	111.12	499.99	-0.65	0.69	-0.56	0.61	0.89	321.08
600.00	0.87	115.43	599.99	-0.23	0.19	0.59	0.30	0.62	72.43
700.00	0.89	119.54	699.97	0.38	-0.52	1.95	0.07	2.02	104.93
800.00	0.83	117.91	799.96	1.00	-1.24	3.27	0.06	3.50	110.82
900.00	0.82	126.43	899.95	1.68	-2.01	4.48	0.12	4.91	114.11
1000.00	0.82	137.07	999.94	2.55	-2.96	5.55	0.15	6.28	118.05
1100.00	0.88	146.11	1099.93	3.64	-4.12	6.46	0.15	7.66	122.50
1200.00	0.79	152.38	1199.92	4.83	-5.37	7.21	0.13	8.99	126.65
1300.00	0.77	162.59	1299.91	6.04	-6.62	7.73	0.14	10.18	130.56
1400.00	0.75	156.26	1399.90	7.25	-7.86	8.20	0.09	11.35	133.80
1500.00	0.79	162.41	1499.89	8.47	-9.11	8.67	0.09	12.58	136.44
1600.00	0.79	150.04	1599.89	9.68	-10.37	9.22	0.17	13.87	138.36
1700.00	0.73	162.66	1699.88	10.84	-11.57	9.75	0.18	15.14	139.88
1800.00	0.75	153.63	1799.87	12.00	-12.77	10.23	0.12	16.36	141.29
1900.00	0.70	157.66	1899.86	13.11	-13.92	10.76	0.07	17.59	142.30
2000.00	0.68	153.44	1999.85	14.17	-15.02	11.26	0.05	18.77	143.15
2100.00	0.67	153.48	2099.85	15.18	-16.07	11.78	0.01	19.93	143.75
2200.00	0.63	152.94	2199.84	16.15	-17.08	12.29	0.04	21.05	144.26
2300.00	0.62	159.43	2299.83	17.12	-18.08	12.73	0.07	22.11	144.84
2400.00	0.62	150.50	2399.83	18.06	-19.06	13.19	0.10	23.18	145.31
2500.00	0.56	152.94	2499.82	18.93	-19.96	13.68	0.06	24.20	145.58
2600.00	0.53	147.44	2599.82	19.72	-20.79	14.15	0.06	25.15	145.76
2700.00	0.46	152.56	2699.81	20.43	-21.54	14.59	0.08	26.01	145.89
2800.00	0.44	149.29	2799.81	21.09	-22.22	14.97	0.03	26.79	146.04
2900.00	0.40	155.94	2899.81	21.71	-22.87	15.31	0.06	27.52	146.21
3000.00	0.47	144.68	2999.81	22.34	-23.53	15.68	0.11	28.28	146.31
3100.00	0.46	150.91	3099.80	22.99	-24.21	16.12	0.05	29.09	146.35
3200.00	0.42	158.63	3199.80	23.66	-24.91	16.45	0.07	29.85	146.56
3300.00	0.49	162.60	3299.80	24.38	-25.65	16.71	0.08	30.61	146.93
3400.00	0.47	158.45	3399.79	25.15	-26.44	16.99	0.04	31.43	147.29
3500.00	0.45	178.20	3499.79	25.91	-27.22	17.15	0.16	32.17	147.79
3600.00	0.47	188.85	3599.79	26.71	-28.01	17.10	0.09	32.82	148.60
3700.00	0.48	193.92	3699.78	27.53	-28.83	16.93	0.04	33.43	149.57
3800.00	0.47	198.81	3799.78	28.34	-29.62	16.70	0.04	34.00	150.58
3900.00	0.23	187.69	3899.78	28.94	-30.21	16.54	0.25	34.44	151.29
4000.00	0.32	192.71	3999.78	29.41	-30.68	16.45	0.09	34.81	151.79
4100.00	0.14	200.81	4099.78	29.81	-31.07	16.35	0.18	35.10	152.24
4200.00	0.22	286.05	4199.78	29.89	-31.13	16.12	0.25	35.06	152.62
4300.00	0.24	296.56	4299.77	29.77	-30.98	15.75	0.05	34.76	153.05
4400.00	0.40	291.71	4399.77	29.58	-30.76	15.24	0.16	34.33	153.64
4500.00	0.40	328.47	4499.77	29.19	-30.33	14.73	0.25	33.72	154.09
4600.00	0.60	290.46	4599.77	28.76	-29.85	14.06	0.37	33.00	154.77
4640.00	0.59	290.22	4639.76	28.65	-29.71	13.68	0.02	32.71	155.28

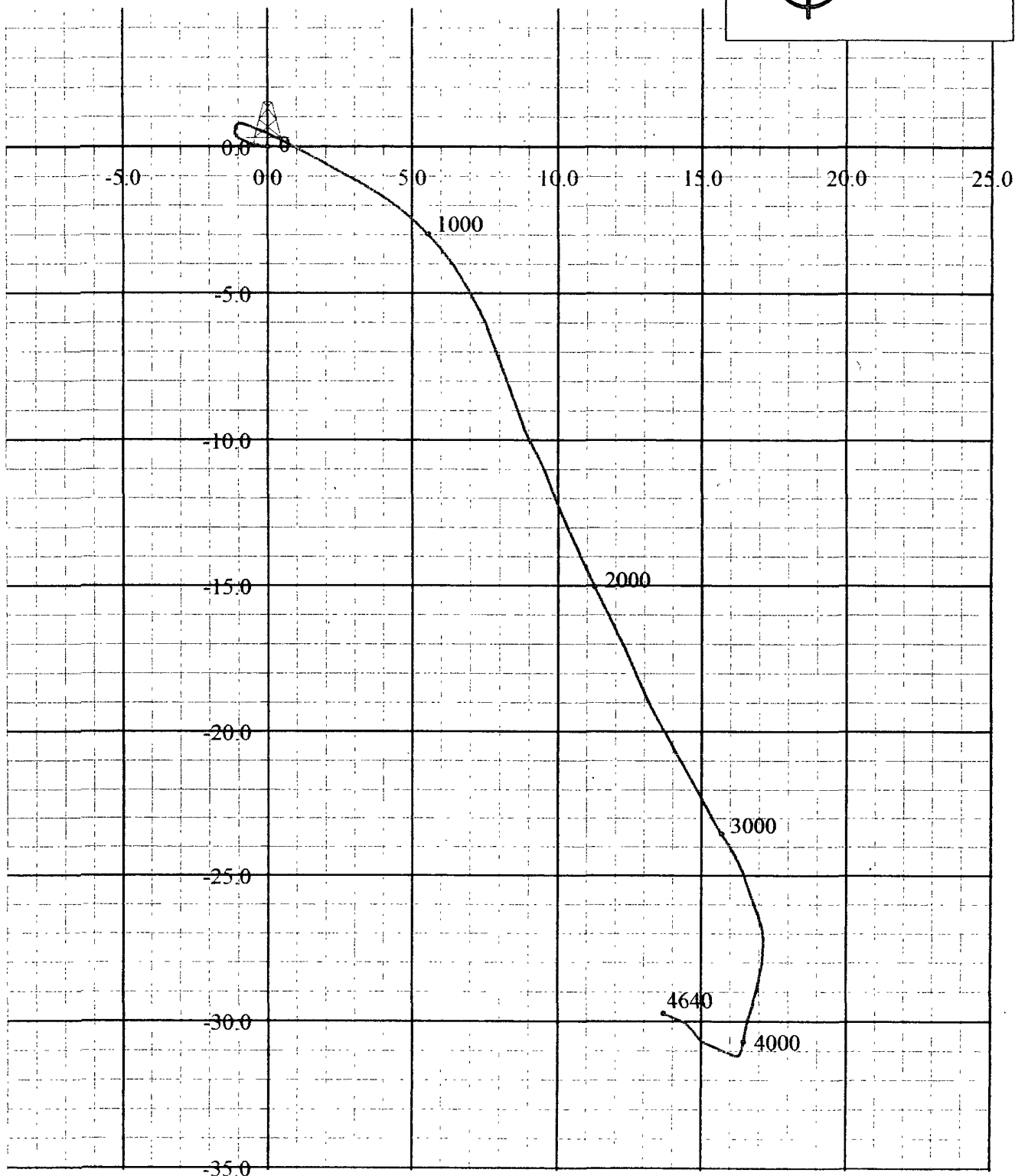


Scientific
Drilling

Field: Indian Basin
Site: Eddy County, NM
Well: Indian Basin 25 Federal #2
Wellpath: VH - Job #32K0207151
Survey: 02/18/07



South(-)/North(+) [5ft/in]



West(-)/East(+) [5ft/in]

OPERATOR
WELL/LEASE
COUNTY

OCCIDENTAL PERMIAN/OXY
INDIAN BASIN 25 FED #2
EDDY, NM

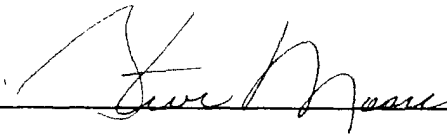
508-0097

STATE OF NEW MEXICO
DEVIATION REPORT

255	0 50
729	1 75
951	1.75
1,250	0.50
1,728	0 25
2,204	1 75
2,393	1 00
2,869	0.50
3,345	1 25
3,851	0.50
4,105	0.25
4,358	0 25

STATE OF TEXAS

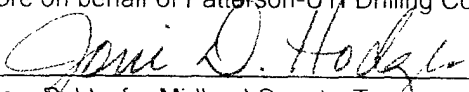
BY



COUNTY OF MIDLAND

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

March 27, 2007, by Steve


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

