

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

SEP - 3 2008

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD-ARTESIA

Lease Serial No.
NM 100541

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 Resrvr		7. Unit or CA Agreement Name and No.							
Other _____									
2. Name of Operator OGX RESOURCES, LLC		8. Lease Name and Well No. PURDY 8 FEDERAL, WELL #1							
3. Address P.O. BOX 2064, MIDLAND, TX 79702		9. AFI Well No. 30 015 36273							
3a. Phone No (include area code) 432 685-1287/684-6381		10. Field and Pool or Exploratory CARSLBAD SOUTH MORROW							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1140' FNL & 1240' FEL, Section 8, T23S, R26E At top prod. interval reported below 3243' FNL & 716' FEL At total depth _____		11. Sec., T., R., M., on Block and Survey or Area Section 8, T23S, R26E							
15. Date T.D. Reached 07/27/2008		12. County or Parish EDDY COUNTY							
16. Date Completed 08/14/2008 ☐ D & A ☒ Ready to Prod		13. State NM							
17. Elevations (DF, RKB, RT, GL)*									
18. Total Depth: MD 12,415' TVD 9750'		19. Plug Back T.D.: MD TVD							
20. Depth Bridge Plug Set MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CNL		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
17 1/2"	13 3/8"	48#	0	525'		520 sx Cl C	1.35	surface	none
12 1/4"	9 5/8"	36#	0	2465'		900 sx Cl C	2.12/1.34	surface	none
8 1/2"	7"	26#	0	9750'		1200 sx Cl C	2.12/1.32	600'	none
6 1/4"	4 1/2"	13.5#	9408'	12,415'		300 sx Cl H	1.2 yield	surface	none
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"	12,237'	12,237'							
25. Producing Intervals									
Formation	Top	Bottom	Perforation Interval	Size	No Holes	Perf Status			
A) Morrow	11,982'	12,314'	12,308-12,314'	3 jspf		open			
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
12,308-12,314'	13 bbls 3% KCL								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
8/14/08	8/20/08	24	→	0	5010	3		0.6800	Flowing
Choke Size	Tbg Press Flwg. SI	Csg Press. packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64"	1610		→					Producing	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

AUG 30 2008

JERRY FANT
PETROLEUM GEOLOGIST

28b Production - Interval C

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

29 Disposition of Gas (Solid, 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
BUREAU OF LAND MGMT CARLSBAD FIELD OFFICE AUG 26 PM 3:25 RECEIVED				Basal Anhydrite	1192'
				Lamar	1590'
				Bell Canyon	1788'
				Cherry Canyon	2680'
				Brushy Canyon	3486'
				Bone Springs	5040'
				Wolfcamp	9058'
				Cisco	9832'
				Strawn	10,801'
				Atoka	11,148'
				Morrow Clastics	11,982'

32. Additional remarks (include plugging procedure):

33 Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

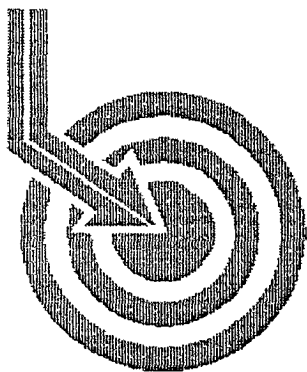
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann E. RitchieTitle Regulatory AgentSignature [Signature]Date 08/21/2008

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.

(Continued on page 3)

(Form 3160-4, page 2)



Scientific Drilling

OGX RESOURCES, LLC

Field: Carlsbad
Site: Eddy County, Texas
Well: Purdy 8 Federal #1
Wellpath: VH - Job #32K0608460
Survey: 06/19/08

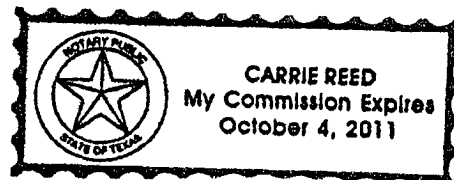
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*L. Hartman*..... Company Representative

Notorized this date 7th of July, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Carrie Reed
2/17



Scientific Drilling International Survey Report

Company: OGX RESOURCES, LLC	Date: 07/03/2008	Time: 15:30:19	Page: 1
Field: Carlsbad	Co-ordinate(NE) Reference:	Site: Eddy County, Texas, Grid North	
Site: Eddy County, Texas	Vertical (TVD) Reference:	SITE 0.0	
Well: Purdy 8 Federal #1	Section (VS) Reference:	Well (0.00N,0.00E,166.46Azi)	
Wellpath: VH - Job #32K0608460	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 06/19/08	Start Date: 06/19/2008
Company: Scientific Drilling Internatio	Engineer: Madrid w/GeoGyro
Tool: KSRG;Keeper Gyro	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	359.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.39	165.50	100.00	0.34	-0.33	0.09	0.39	0.34	165.50
200.00	0.90	309.42	200.00	0.05	-0.16	-0.44	1.24	0.46	249.83
300.00	0.88	317.36	299.98	-1.24	0.90	-1.56	0.12	1.81	300.02
400.00	0.84	339.49	399.97	-2.64	2.15	-2.34	0.33	3.18	312.64
500.00	1.02	339.36	499.96	-4.25	3.67	-2.91	0.18	4.69	321.61
600.00	1.37	346.03	599.94	-6.33	5.67	-3.51	0.38	6.67	328.21
700.00	1.75	352.82	699.90	-9.05	8.34	-3.99	0.42	9.25	334.42
800.00	1.89	353.68	799.85	-12.20	11.50	-4.36	0.14	12.30	339.21
900.00	1.89	351.44	899.80	-15.48	14.77	-4.79	0.07	15.52	342.02
1000.00	1.48	348.72	999.75	-18.41	17.66	-5.29	0.42	18.44	343.33
1100.00	1.09	20.06	1099.73	-20.49	19.82	-5.22	0.79	20.50	345.26
1200.00	1.21	36.21	1199.71	-21.97	21.57	-4.27	0.34	21.99	348.81
1300.00	1.02	20.54	1299.69	-23.39	23.25	-3.33	0.36	23.49	351.85
1400.00	0.85	1.62	1399.68	-24.84	24.83	-3.00	0.35	25.01	353.12
1500.00	0.76	2.62	1499.67	-26.19	26.23	-2.95	0.09	26.40	353.59
1600.00	0.69	357.20	1599.66	-27.42	27.50	-2.94	0.10	27.65	353.89
1700.00	0.69	359.87	1699.65	-28.60	28.70	-2.98	0.03	28.85	354.08
1800.00	0.61	7.45	1799.64	-29.68	29.83	-2.91	0.12	29.97	354.43
1900.00	0.48	31.37	1899.64	-30.48	30.72	-2.62	0.26	30.83	355.12
2000.00	0.53	30.85	1999.64	-31.10	31.47	-2.17	0.05	31.54	356.06
2100.00	0.50	14.69	2099.63	-31.82	32.29	-1.82	0.15	32.34	356.78
2200.00	0.47	32.31	2199.63	-32.49	33.06	-1.49	0.15	33.09	357.42
2300.00	0.64	15.57	2299.62	-33.26	33.94	-1.12	0.23	33.96	358.11
2400.00	0.52	16.76	2399.62	-34.14	34.92	-0.84	0.12	34.93	358.62
2500.00	0.60	21.64	2499.61	-34.96	35.84	-0.51	0.09	35.84	359.18
2600.00	0.53	8.52	2599.61	-35.82	36.78	-0.25	0.15	36.78	359.61
2700.00	0.38	350.28	2699.61	-36.58	37.56	-0.24	0.21	37.57	359.63
2800.00	0.44	351.52	2799.60	-37.29	38.27	-0.35	0.06	38.27	359.47
2900.00	0.49	340.51	2899.60	-38.10	39.05	-0.55	0.10	39.06	359.19
3000.00	0.44	344.90	2999.60	-38.91	39.83	-0.79	0.06	39.84	358.86
3100.00	0.49	341.73	3099.59	-39.72	40.60	-1.03	0.06	40.62	358.55
3200.00	0.30	344.56	3199.59	-40.40	41.26	-1.23	0.19	41.28	358.29
3300.00	0.38	347.62	3299.59	-41.00	41.84	-1.37	0.08	41.86	358.12
3400.00	0.22	351.58	3399.59	-41.52	42.35	-1.47	0.16	42.38	358.01
3500.00	0.30	5.00	3499.59	-41.96	42.80	-1.48	0.10	42.83	358.02
3600.00	0.29	6.65	3599.59	-42.45	43.32	-1.43	0.01	43.34	358.12
3700.00	0.27	13.70	3699.58	-42.89	43.80	-1.34	0.04	43.82	358.25
3800.00	0.24	3.14	3799.58	-43.30	44.23	-1.27	0.06	44.25	358.35
3900.00	0.22	321.35	3899.58	-43.68	44.59	-1.38	0.17	44.61	358.23
4000.00	0.18	312.55	3999.58	-43.98	44.85	-1.62	0.05	44.88	357.93
4100.00	0.25	300.09	4099.58	-44.26	45.07	-1.92	0.08	45.11	357.56
4200.00	0.32	285.88	4199.58	-44.55	45.25	-2.38	0.10	45.31	356.99
4300.00	0.28	289.58	4299.58	-44.82	45.41	-2.88	0.04	45.50	356.37
4400.00	0.33	291.20	4399.58	-45.12	45.60	-3.38	0.05	45.72	355.76
4500.00	0.26	199.86	4499.58	-45.09	45.49	-3.72	0.42	45.64	355.32
4600.00	0.35	253.18	4599.58	-44.89	45.18	-4.09	0.29	45.37	354.83
4700.00	0.39	268.12	4699.57	-44.94	45.08	-4.72	0.10	45.33	354.02
4800.00	0.35	264.53	4799.57	-45.05	45.04	-5.37	0.05	45.36	353.20



Scientific
Drilling

Scientific Drilling International

Survey Report

Company:	OGX RESOURCES, LLC	Date:	07/03/2008	Time:	15:30:19	Page:	2
Field:	Carlsbad	Co-ordinate(NE) Reference:	Site: Eddy County, Texas, Grid North				
Site:	Eddy County, Texas	Vertical (TVD) Reference:	SITE 0:0				
Well:	Purdy 8 Federal #1	Section (VS) Reference:	Well (0.00N,0.00E,166.46Azi)				
Wellpath:	VH - Job #32K0608460	Survey Calculation Method:	Minimum Curvature			Db:	Sybase

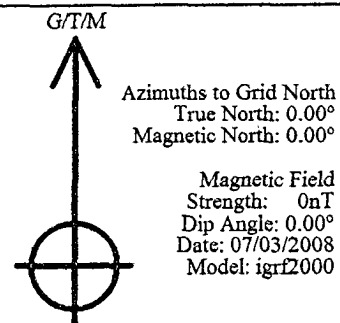
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DES deg/100ft	ClsD ft	ClsA deg
4900.00	0.37	266.50	4899.57	-45.15	45.00	-5.99	0.02	45.39	352.41
5000.00	0.39	236.35	4999.57	-45.09	44.79	-6.60	0.20	45.27	351.62
5100.00	0.61	250.50	5099.56	-44.92	44.42	-7.39	0.25	45.03	350.56
5200.00	0.90	222.17	5199.56	-44.42	43.66	-8.41	0.46	44.46	349.09
5300.00	0.80	213.69	5299.54	-43.50	42.50	-9.33	0.16	43.51	347.62
5305.00	0.95	214.28	5304.54	-43.45	42.44	-9.37	3.01	43.46	347.55

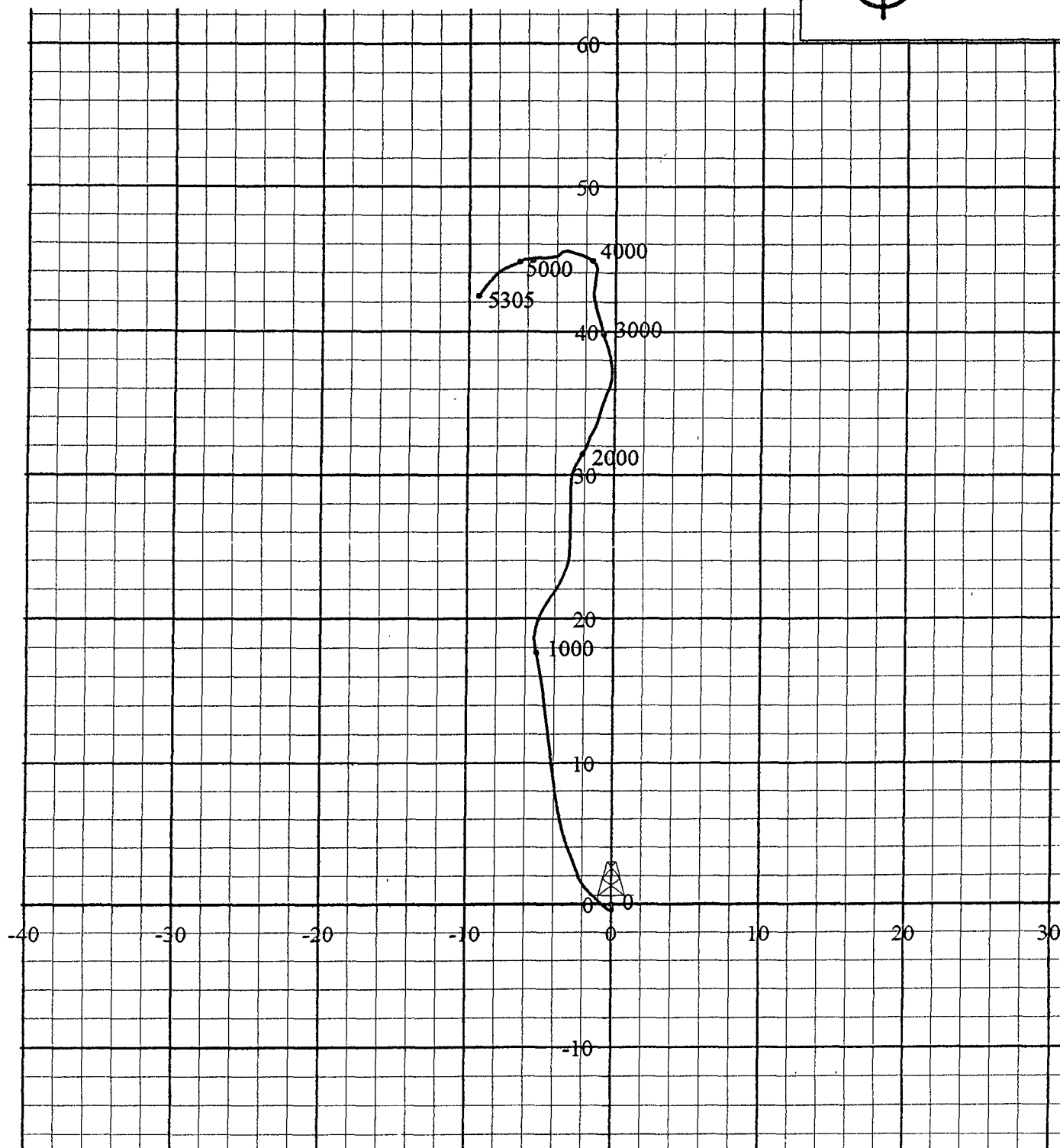


**Scientific
Drilling**

Field: Carlsbad
Site: Eddy County, Texas
Well: Purdy 8 Federal #1
Wellpath: VH - Job #32K0608460
Survey: 06/19/08



South(-)/North(+) [10ft/in]



West(-)/East(+) [10ft/in]