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Form 3160-4
April 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NM 92757							
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 OGX Resources, LLC		7. Unit or CA Agreement Name and No.							
3. Address P.O. Box 2964, Midland, TX 79702		8. Lease Name and Well No. New Man Federal Com. #1							
3a. Phone No. (include area code) 432 685-1287		9. AFI Well No. 30 015 33848-34903							
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface 1905' FSL & 660 FEL, Section 20, T24S, R28E (I) At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Malaga Morrow, West							
14. Date Spudded 07/04/2006		11. Sec., T., R., M., on Block and Survey or Area Sec 20, T24S, R28E							
15. Date T.D. Reached 09/02/2006		12. County or Parish Eddy							
16. Date Completed ☐ D & A ☒ Ready to Prod.		13. State NM							
18. Total Depth: MD TVD 12,870'		17. Elevations (DF, RKB, RT, GL)* 3040' GR							
19. Plug Back T.D.: MD TVD 12,822'		20. Depth Bridge Plug Set: MD TVD 12600' & 12,500'							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/Laterolog		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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	652'		341 bbls PP		surface	none
12 1/4"	9 5/8"	36#	0	2604'		1071 sx C/PP		surface	none
8 3/4"	7"	26#	0	10,583'	5038'	411 bbls H/C		5038'	none
						630 sx C/PP	261 bbls	5500' calc.	none
6 1/4"	4 1/2"	11.6#	10232	12868'		280 sx H		9900'	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)	
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record		Perforated Interval		Size	No. Holes
A) Morrow		12244	12436	12648-56' & 12,625-32'		2 SPF		30	CIBP @ 12,600 w/10' cmt
B)				12,542-62'		4 SPF		80	CIBP @ 12,500' w/10' cmt
C)				12372-12436; 12244-12355		2 & 4		266	open
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
12,382-12,436'									
12,244-12,355'		41,000# 20/40 sand w/182 tons CO ₂ , pad w/20,000 gals 40# frac fluid							
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
12/01/2006	12/22/2006	24	→	0	5905	28		0.5570	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64"		2030	→		5995	28		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)

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. Fwgs. 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. Fwgs. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

SALES

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
UPPER MORROW	12,244	12,436'			
LOWER MORROW	12,542	12,656'			

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. RITCHIE

Title REGULATORY AGENT

Signature

Date 03/05/2006

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.



McVAY DRILLING COMPANY
P.O. Box 2450
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: New Man Fed # 1

Location: Sec 20, T24S, R28E Eddy County, NM

Operator: Oxy

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth	
1	2055	1 3/4	9161
1 3/4	2557	1 3/4	9627
3/4	2955	1/2	9786
1/4	3900	1	9850
1/2	4401	1	10564
1	5354	3/4	11161
1	5878	3/4	11525
1	6377	1	11871
1 1/2	7098	1 3/4	12340
1 1/4	7347	1	12695
1	7820		
1 3/4	8321		
1/2	8692		

Drilling Contractor: McVay Drilling Company

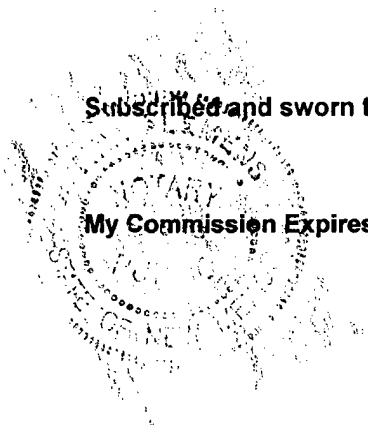
By: H.H. Conrad Jr

Subscribed and sworn to before me this 7th day of February, 2007

Tina Flemer

Notary Public
Lea County, New Mexico

My Commission Expires: 9-16-09



30-015-34903

Submit in duplicate to
appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OGX RESOURCES				Lease or Unit Name NEWMAN FEDERAL			
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12/4/06	Well No. 1
Completion Date		Total Depth		Plug Back TD		Elevation	Unit Ltr - Sec - TWP - Rge
Csg. Size 7"	Wt. 28#	d 6.214	Set At	Perforations: From: 12382 To: 12436			County EDDY
Tbg. Size N/A	Wt.	d	Set At	Perforations: From: To:			Pool
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At N/A		Formation MORROW	
Producing Thru CSG		Reservoir Temp.-F 178 @12382	Mean Annual Temp. °F 60	Baro. Press.-P _a 13.2			Connection
L 12382	H 12382	Gg 0.557	%CO ₂	%N ₂	%H ₂ S	Prover N/A	Meter Run 3.068
FLOW DATA				TUBING DATA		CASING DATA	
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
SI					74	N/A	3100
1	3 X	2.000	445	25.8	53	N/A	2650
2							
3							
4							
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q, Mcfd
1	21.32	108.73	458.2	1.007	1.34	1.035	3,238
2							
3							
4							
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio DRY Mcf bbl.		
1	0.68	513	1.52	0.933	A.P. I. Gravity of Liquid Hydrocarbons DRY GAS Deg.		
2					Specific Gravity Separator Gas 0.557 XXXXXXXX		
3					Specific Gravity Flowing Fluid XXXXXX N/A		
4					Critical Pressure 673 P.S.I.A. P.S.I.A.		
5					Critical Temperature 336 R. R.		
P _c 3113.2 P ₂ 9692							
No.	P _t ²	P _w	P _w ²	P _c ² -P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{3.73}{79825}$		
1		2663.4	7093.6	2598.4	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{3.73}{12.078}$		
2							
3							
4							
5							
Absolute Open Flow 12,078					Mcf @ 15.025	Angle of Slope (°): 45	Slope n: 1
Remarks: Well produced 72 bbls H2O & no oil during test							
Approved By Division:		Conducted By: Sonic Petroleum Services		Calculated By: BM		Checked By: BM	

0 COMPANY : OGY RESOURCES LEASE : NNEWMAN FEDERAL WELL NO. : 1 Pc = 3113.2 Pc2 = 9692.0 *
 UNIT : SECTION : TOWNSHIP : *
 L : 12382 H : 12382 L/H : 1 G/GMIX : 0.557 Pt2 = 7092.6 Pw = 2663.4 *
 %CO2 : %N2 : H2S : DATE : 12-04-06 0.0 ERR *
 d : 6.214 Fr : 0.000948 GE : 6896.8 RANGE : 0.0 ERR *
 0.0 ERR *

VOL 1 : 3238 PSIA 1 : 2663.2 RESV.TEMP 178.0 Pc2-Pw2= 2598.4 Pw2 = 7093.6 *
 VOL 2 : PSIA 2 : ERR ERR *
 VOL 3 : PSIA 3 : SHUT-IN PR= 3113.2 ERR ERR *
 VOL 4 : PSIA 4 : ERR ERR *

PCR : 673 n = 1.000 ✓ *
 TCR : 336 *
 Pc2/(Pc2-Pw2) = 3.730 ✓ *

LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND	
1 QM	3.238	3.238	0.000	0.000	0.000	0.000	0.000	0.000	
2 TW	534	534	534	534	534	534	534	534	[Pc2/Pc2-Pw2]n = 3.730 ✓
3 Ts	638.0	638.0	638.0	638.0	638.0	638.0	638.0	638.0	ERR
4 T	586.0	586.0	586.0	586.0	586.0	586.0	586.0	586.0	ERR
PR (est)	3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	ERR
5 Z(est)	0.859	0.868	ERR	ERR	ERR	ERR	ERR	ERR	
6 TZ	503.3	508.5	ERR	ERR	ERR	ERR	ERR	ERR	AOF= Q 12.078 ✓
7 GH/TZ	13.703	13.563	ERR	ERR	ERR	ERR	ERR	ERR	ERR
8 eS	1.672	1.663	ERR	ERR	ERR	ERR	ERR	ERR	ERR
9 l-e-S	0.402	0.399	ERR	ERR	ERR	ERR	ERR	ERR	ERR
10 Pt	2663.2	2663.2	0.0	0.0	0.0	0.0	0.0	0.0	
11 Pt2 /1000	7092.6	7092.6	0.0	0.0	0.0	0.0	0.0	0.0	
12 Fr	0.000948	0.000948	0.000948	0.000948	0.000948	0.000948	0.000948	0.000948	
13 Fc=FrTZ	0.477	0.482	ERR	ERR	ERR	ERR	ERR	ERR	
14 FcQm	1.55	1.56	ERR	ERR	ERR	ERR	ERR	ERR	
15 L/H(FcQm)	2.4	2.4	ERR	ERR	ERR	ERR	ERR	ERR	
16 Fw	0.959475	0.971762	ERR	ERR	ERR	ERR	ERR	ERR	
17 Pw2	7093.6	7093.6	ERR	ERR	ERR	ERR	ERR	ERR	
18 Ps2	11858.8	11796.5	ERR	ERR	ERR	ERR	ERR	ERR	
19 Ps	3443.7	3434.6	ERR	ERR	ERR	ERR	ERR	ERR	
20 P	3053.4	3048.9	ERR	ERR	ERR	ERR	ERR	ERR	
21 Pr	4.54	4.53	ERR	ERR	ERR	ERR	ERR	ERR	
22 Tr	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	
23 Z	0.868	0.868	ERR	ERR	ERR	ERR	ERR	ERR	FORM C122-D

OGX RESOURCES
NEWMAN FEDERAL # 1

