

Submit 3 Copies To Appropriate

District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103
Revised June 10, 2003

WELL API NO.

30 015 35270

5. Indicate Type of Lease

STATE X FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Full Choke Com

8. Well Number

1

9. OGRID Number

217955

10. Pool name or Wildcat:

Malaga-Morrow West

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well Gas Well X Other (Injection)

2. Name of Operator

OGX Resources, LLC

3. Address of Operator

P.O. Box 2064 Midland, TX 79702

4. Well Location

Unit Letter C : 660 feet from the North line and 1340 feet from the West line

Section 29 Township 24S Range 28E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.): 3041

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Submit gas well test Form C-122

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

8-6-07: Multipoint and One Point Back Presssure Test for Gas Well performed.

NMOCD Form C-122 attached. Well completed on 4-10-07.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Regulatory Agent

DATE: 9-19-07

Type or print name Ann E. Ritchie

E-mail address: ann.ritchie@wtor.net

Telephone No. 432 684-6381

(This space for State use)

FOR RECORDS ONLY

APPROVED BY

TITLE

DATE

SEP 25 2007

Conditions of approval, if any:

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 LLC				Lease or Unit Name FULL CHOKE FED. COM.			
Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 8/6/07	Well No. 1
Completion Date 4-10-07		Total Depth 12800		Plug Back TD 12770'		Elevation 3041'	Unit Ltr - Sec - TWP - Rge C, 32, 24S, 28E
Csg. Size 4 1/2" LN	Wt. d	Set At 9077-12800	Perforations: From: 12332 To: 12368			County EDDY	
Tbg. Size 2 3/8	Wt. 4.7	d 1.995	Set At 12150	Perforations: From: 12602 To: 12644			Pool Malaga, Morrow, West
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 12150		Formation MORROW	
Producing Thru TBG		Reservoir Temp. °F 197.3 @ 12332	Mean Annual Temp. °F 60	Baro. Press. - P _a 13.2		Connection Enterprise 4-10-07	
L 12332	H 12332	Gg 0.573	%CO ₂ 0.8858	%N ₂ 0.7433	%H ₂ S N/A	Prover N/A	Meter Run 3.068
Taps FLG							

FLOW DATA				TUBING DATA				CASING DATA		Duration of Flow
No.	Prover Line Size	Orifice x Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F	Press p.s.i.g.	Temp. °F	
SI						3850	74	PKR		24 HRS
1	3	X 2.000	590	30.1	66	1300		"		24 HRS
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	134.75	603.2	0.9943	1.321	1.046	3,947
2							
3							
4							
5							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	789.4	Mcf bbl.
1	0.89	526	1.52	0.914	A.P. I. Gravity of Liquid Hydrocarbons	56.0 @ 60	Deg.
2					Specific Gravity Separator Gas	0.573	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX	GMIX = .581
4					Critical Pressure	672	P.S.I.A. 672 P.S.I.A.
5					Critical Temperature	346	R. 350 R

P _c 3863.2		P _{c2} 14924.3	
No.	P _t ²	P _w	P _w ²
1		1506.2	2268.8
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.179}{79825}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.179}{4.655}$

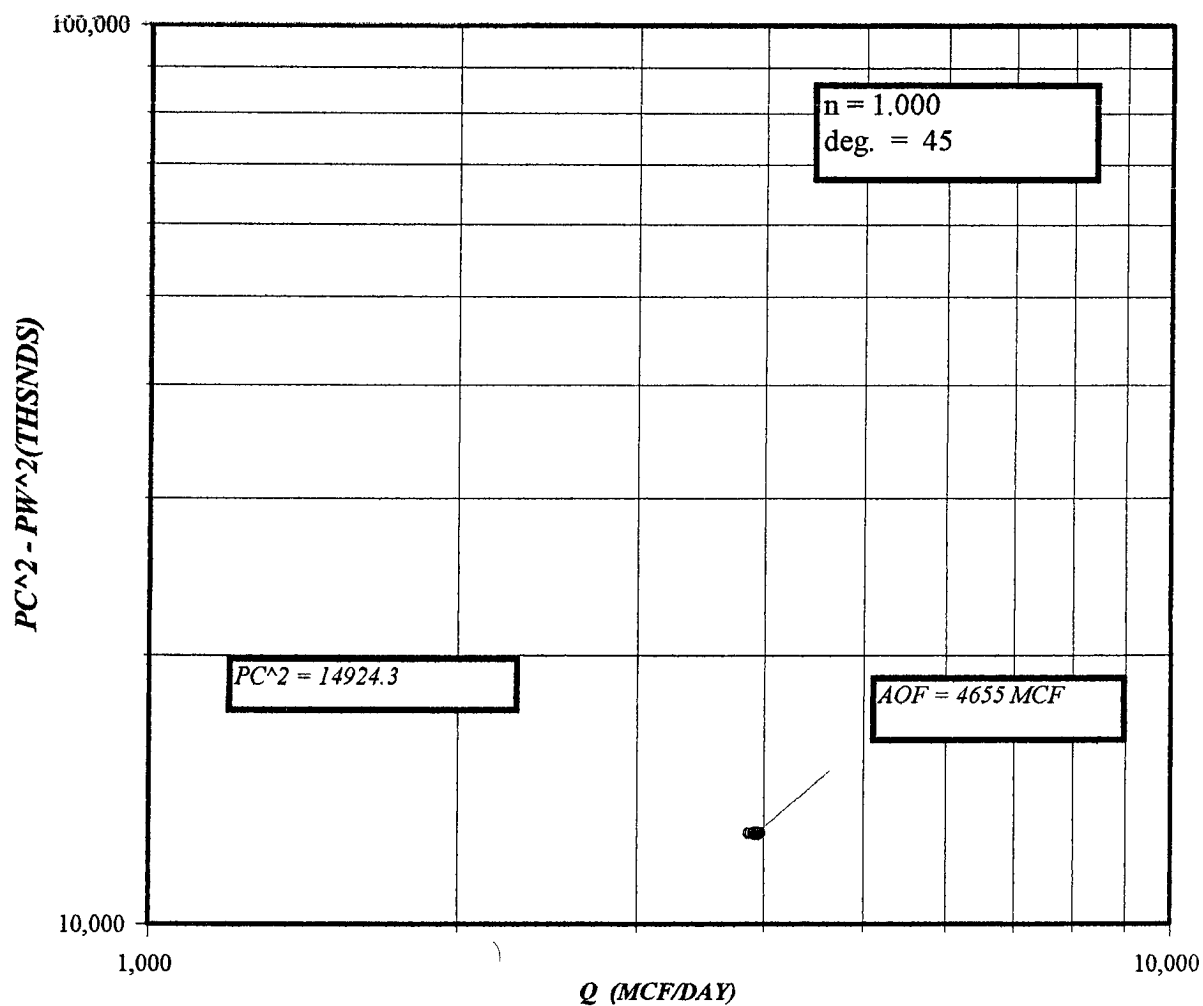
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4.655$

Absolute Open Flow	4,655	Mcf @ 15.025	Angle of Slope °	45	Slope n:	1
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Remarks: **WELL PRODUCED 22.0 BBLS H2O & 5.0 BBLS 56.0 API GR. CONDENSATE DURING TEST**

Approved By Division:	Conducted By: Sonic Petroleum Services	Calculated By: BM	Checked By: BM
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OGX RESOURCES LLC
FULL CHOKE FED. COM. # 1



O COMPANY : OGA RESOURCES LLC LEASE : F. CHOKA FED. COR. WELL NO. : 1										FC = 3000.2 PC = 1724.5		*
UNIT :			SECTION :			TOWNSHIP :						*
L : 12332		H : 12332		L/H : 1		G/GMIX : 0.581		Pt2 = 1724.5		Pw = 1506.2		*
%CO2 : 0.8858		%N2 : 0.7433		H2S :		DATE : 8-6-07		0.0		ERR		*
d : 2		Fr : 0.018112		GH : 7164.9		RANGE :		0.0		ERR		*
=====												*
VOL 1 : 3947		PSIA 1 : 1313.2		RESV.TEMP		197.3		Pc2-Pw2= 1724.5 ^{1265.5}		Pw2 = 2268.8		*
VOL 2 :		PSIA 2 :						ERR		ERR		*
VOL 3 :		PSIA 3 :		SHUT-IN PR= 3863.2				ERR		ERR		*
VOL 4 :		PSIA 4 :						ERR		ERR		*
PCR : 672										n = 1.000		*
TCR : 350												*
										Pc2/(Pc2-Pw2) = 1.179		*
										ERR		*
										ERR		*
										ERR		*
												*
LINE	RATE 1		RATE 2		RATE 3		RATE 4				*	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND			*	
											*	
1 QM	3.947	3.947	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 = 1.179		*	
3 Ts	657.3	657.3	657.3	657.3	657.3	657.3	657.3	657.3	ERR		*	
4 T	595.7	595.7	595.7	595.7	595.7	595.7	595.7	595.7	ERR		*	
PR (est)	1.95		0.00		0.00		0.00		ERR		*	
5 Z(est)	0.871	0.856	ERR	ERR	ERR	ERR	ERR	ERR			*	
6 TZ	518.9	509.9	ERR	ERR	ERR	ERR	ERR	ERR	AOF= Q 4.655		*	
7 GH/TZ	13.807	14.051	ERR	ERR	ERR	ERR	ERR	ERR	ERR		*	
8 eS	1.678	1.694	ERR	ERR	ERR	ERR	ERR	ERR	ERR		*	
9 l-e-S	0.404	0.410	ERR	ERR	ERR	ERR	ERR	ERR	ERR		*	
10 Pt	1313.2	1313.2	0.0	0.0	0.0	0.0	0.0	0.0			*	
11 Pt2 /1000	1724.5	1724.5	0.0	0.0	0.0	0.0	0.0	0.0			*	
12 Fr	0.018112	0.018112	0.018112	0.018112	0.018112	0.018112	0.018112	0.0181123			*	
13 Fc=FrTZ	9.399	9.236	ERR	ERR	ERR	ERR	ERR	ERR			*	
14 FcQm	37.10	36.45	ERR	ERR	ERR	ERR	ERR	ERR			*	
15 L/H(FcQm)	1376.3	1328.9	ERR	ERR	ERR	ERR	ERR	ERR			*	
16 Fw	556.2367	544.2930	ERR	ERR	ERR	ERR	ERR	ERR			*	
17 Pw2	2280.7	2268.8	ERR	ERR	ERR	ERR	ERR	ERR			*	
18 Ps2	3827.6	3842.6	ERR	ERR	ERR	ERR	ERR	ERR			*	
19 Ps	1956.4	1960.3	ERR	ERR	ERR	ERR	ERR	ERR			*	
20 P	1634.8	1636.7	ERR	ERR	ERR	ERR	ERR	ERR			*	
21 Pr	2.43	2.44	ERR	ERR	ERR	ERR	ERR	ERR			*	
22 Tr	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70			*	
23 Z	0.856	0.856	ERR	ERR	ERR	ERR	ERR	ERR	FORM C122-D		*	

Equivalent Diameter Program

Author: Bob Murray

Date: December 26, 1990

L1 =	186 ft.	L5 =	0 ft.	Lt =	12332 ft.
D1 =	3.826 in.	D5 =	1 in.	C =	0.10797
L2 =	12150 ft.	L6 =	0 ft.		
D2 =	1.995 in.	D6 =	1 in.	Deff =	2.000 in.
L3 =	0 ft.	L7 =	0 ft.	Fr =	0.01765
D3 =	1 in.	D7 =	1 in.		
L4 =	0 ft.	L8 =	0 ft.		
D4 =	1 in.	D8 =	1 in.		

NEW MEXICO G.O.R./G. MIX

NO. OF BBLs PRODUCED = 5.0

API GRAVITY @ 60 DEG. = 56.0

SPECIFIC GRAVITY OF GAS = 0.5770

XX

TOTAL GAS PRODUCED = 3947

G.O.R. = 789.400

G.MIX = 0.581