

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

Form C-103
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30 015 35270- 35346
5. Indicate Type of Lease STATE X FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Buckshot State Com
8. Well Number 1
9. OGRID Number 217955
10. Pool name or Wildcat. Undes Salt Draw, 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) SEP 25 2007

2. Name of Operator
OGX Resources, LLC OCD-ARTESIA

3. Address of Operator
P.O. Box 2064 Midland, TX 79702

4. Well Location
Unit Letter I : 1980 feet from the South line and 1250 feet from the East line
Section 31 Township 24S Range 28E NMPM Eddy County

11 Elevation (Show whether DR, RKB, RT, GR, etc.): 3033

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.

8-18-07: Multipoint and One Point Back Pressure Test for Gas Well performed.
NMOCD Form C-122 attached. Well completed on 7-15-07.

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

SIGNATURE [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 [Signature] TITLE [Signature] 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 BUCK SHOT COM.				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8/18/07		Well No. 1		
Completion Date 7-15-07		Total Depth 12848'		Plug Back TD 12804'		Elevation 3033'		Unit Ltr - Sec - TWP - Rgc 1, 31, 245, 28E	
Csg. Size 4 1/2" LN	Wt. 	d 	Set At 9165-12804	Perforations From: 12330 To: 12430			County EDDY		
Tbg Size 2 3/8	Wt. 4.7	d 1.995	Set At 11960	Perforations: From: 12498 To: 12648'			Pool Undes. Salt Draw, Morrow West		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 11960			Formation MORROW		
Producing Thru TGB		Reservoir Temp. °F 197.3 @ 12330		Mean Annual Temp °F 60		Baro. Press. -P _a 13.2		Connection 7-11-07	
L 12330	H 12330	Gg 0.577	%CO ₂ 0.7471	%N ₂ 0.6812	%H ₂ S 	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						4250	74	PKR		24 HRS
1	3	X 2.000	677	32.4	65	3750		"		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	149.54	690.2	0.9952	1.316	1.053	4,397
2							
3							
4							
5							

No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	628.1	Mcf bbl.
1	1.02	525	1.51	0.902	A P I Gravity of Liquid Hydrocarbons	56.0 @ 60	Deg
2					Specific Gravity Separator Gas	0.577	XXXXXXX
3					Specific Gravity Flowing Fluid	XXXXXX	GMIX = .582
4					Critical Pressure	672	P.S.I.A. 672 P.S.I.A.
5					Critical Temperature	346	R. 350 R

P _c 4263.2		P ₂ 18174.9	
No.	P _t ²	P _w	P _w ²
1		3858.8	14890.7
2			
3			
4			
5			

(1)
$$\frac{P_c^2}{P_c^2 - P_w^2} = \frac{5.534}{79825}$$

(2)
$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{5.534}{24.333}$$

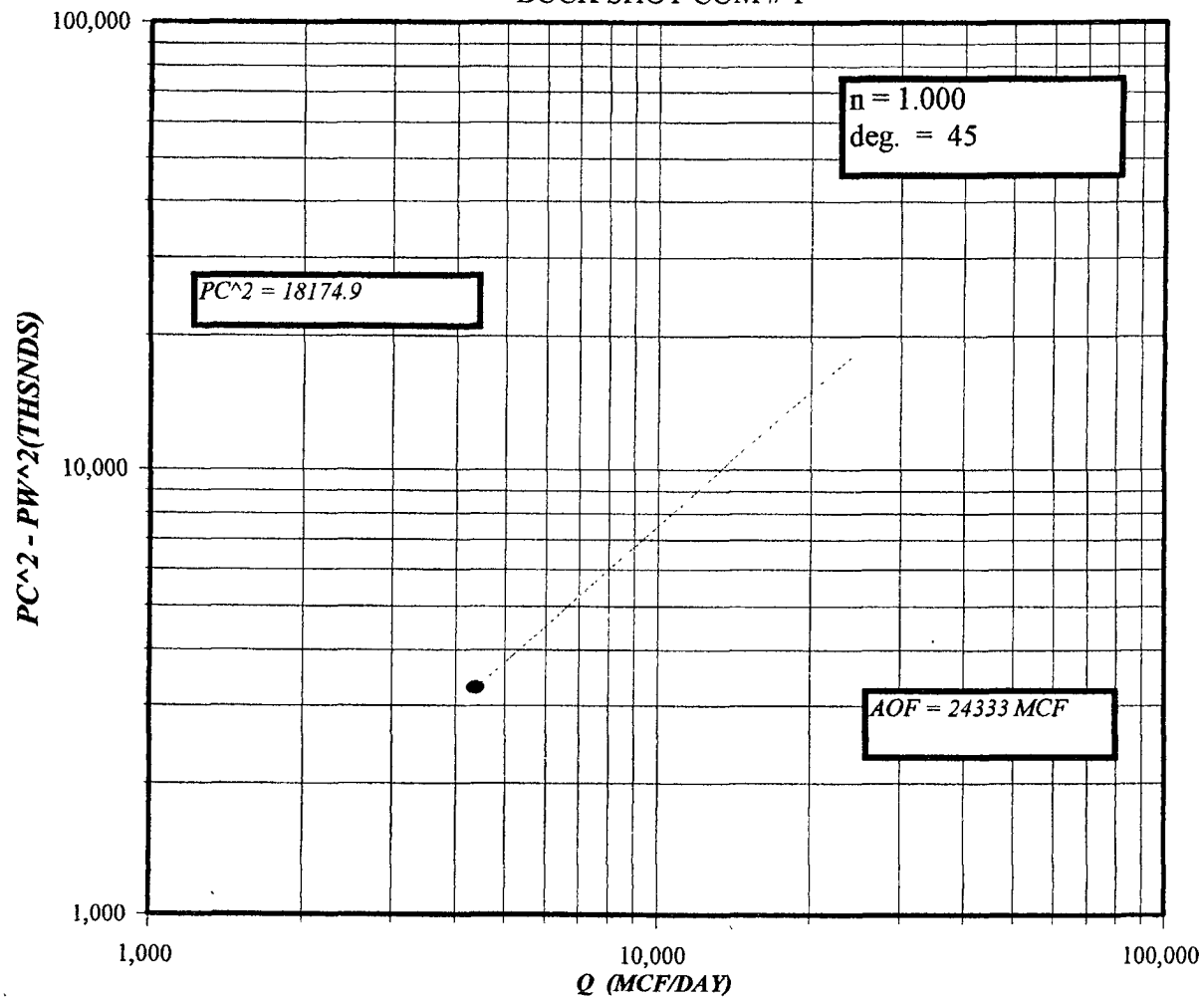
AOF = Q
$$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 24.333$$

Absolute Open Flow	24,333	Mcf @ 15.025	Angle of Slope (°)	45	Slope n:	1
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Remarks: **WELL PRODUCED 35.0 BBLs H2O & 7.0 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
BUCK SHOT COM # 1



```
Pt2 = *****  Pw = 3858.8
      0.0          ERR
      0.0          ERR
      0.0          ERR
```

PC2-PW2= 3284.2	PW2 = 14890.7
ERR	ERR
ERR	ERR
ERR	ERR

$n = 1.000$

LINE	RATE 1		RATE 2		RATE 3		RATE 4	
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND
QM	4.397	4.397	0.000	0.000	0.000	0.000	0.000	0.000
TW	534	534	534	534	534	534	534	534
Ts	657.3	657.3	657.3	657.3	657.3	657.3	657.3	657.3
T	595.7	595.7	595.7	595.7	595.7	595.7	595.7	595.7
R (est)	5.60		0.00		0.00		0.00	
(est)	0.885	0.921	ERR	ERR	ERR	ERR	ERR	ERR
TZ	527.3	548.9	ERR	ERR	ERR	ERR	ERR	ERR
GH/TZ	13.609	13.075	ERR	ERR	ERR	ERR	ERR	ERR
eS	1.666	1.633	ERR	ERR	ERR	ERR	ERR	ERR
l-e-S	0.400	0.388	ERR	ERR	ERR	ERR	ERR	ERR
Pt	3763.2	3763.2	0.0	0.0	0.0	0.0	0.0	0.0
t2 /1000	14161.7	14161.7	0.0	0.0	0.0	0.0	0.0	0.0
Fr	0.017971	0.017971	0.017971	0.017971	0.017971	0.017971	0.017971	0.017971
Fc=FrTZ	9.476	9.864	ERR	ERR	ERR	ERR	ERR	ERR
FcQm	41.67	43.37	ERR	ERR	ERR	ERR	ERR	ERR
/H(FcQm)	1736.2	1881.0	ERR	ERR	ERR	ERR	ERR	ERR
Fw	693.9594	728.9774	ERR	ERR	ERR	ERR	ERR	ERR
Pw2	14855.6	14890.7	ERR	ERR	ERR	ERR	ERR	ERR
Ps2	24747.2	24313.5	ERR	ERR	ERR	ERR	ERR	ERR
Ps	4974.7	4930.9	ERR	ERR	ERR	ERR	ERR	ERR
P	4368.9	4347.0	ERR	ERR	ERR	ERR	ERR	ERR
Pr	6.50	6.47	ERR	ERR	ERR	ERR	ERR	ERR
Tr	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
Z	0.921	0.920	ERR	ERR	ERR	ERR	ERR	ERR

$$[[Pc2/Pc2-Pw2]]_n = 5.534$$

AOF= Q 24.333

FORM C122-D

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

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NO. OF BBLS PRODUCED      =          7.0
API GRAVITY @ 60 DEG.     =          56.0
.....
SPECIFIC GRAVITY OF GAS   =          0.5770
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
TOTAL GAS PRODUCED        =          4397
      G.O.R.              =          628.143
      G.MIX               =          0.582
  
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Equivalent Diameter Program

Author: Bob Murray

Date: December 26, 1990

L1 =	374 ft.	L5 =	0 ft.	Lt =	12333 ft.
D1 =	3.826 in.	D5 =	1 in.	C =	0.10797

L2 =	11960 ft.	L6 =	0 ft.		
D2 =	1.995 in.	D6 =	1 in.		
				Deff =	2.006 in.

L3 =	0 ft.	L7 =	0 ft.	Fr =	0.01752
D3 =	1 in.	D7 =	1 in.		

L4 =	0 ft.	L8 =	0 ft.
D4 =	1 in.	D8 =	1 in.