

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. ... Arts, NM 88240 District II 1301 W. ... Artesia, NM 88210 District III 1000 R... Rd. ... 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-105 Revised June 10, 2003 WELL API NO. : 30 015 34701 5. Indicate Type of Lease STATE FEE X State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL GAS WELL X DRY ☐ OTHER ☐ b. Type of Completion: NEW X WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR.		7. Lease Name or Unit Agreement Name Red Bat Fee
2. Name of Operator: OGX Resources, LLC 3. Address of Operator P.O. Box 2064, Midland, TX 79702		8. Well No.: 1 9. Pool name or Wildcat: Black River, Morrow (Gas)
4. Well Location Unit Letter O : 660' Feet From The South Line and 1830' Feet From The East Line Section 8 Township 24S Range 27E NMPM Eddy County		
10. Date Spudded 8-25-06	11. Date T.D. Reached 9-22-06	12. Date Compl. (Ready to Prod.) 12-2-06
13. Elevations (DF& RKB, RT, GR, etc.) 3169' GR		14. Elev. Casinghead
15. Total Depth: 12,344'	16. Plug Back T.D.: 12,260'	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		Rotary Tools: X Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 11,840-60'; 11,994-12,010'; 12,242-56' - Morrow		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run: GR/CCL/CBL		22. Was Well Cored: No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB. FT.	DEPTH SET
13 3/8"	48#	532'
9 5/8"	36#	2031'
7"	26#	9300'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
4 1/2"	8996'	12,344'
26. Perforation record (interval, size, and number): Morrow @ 11,840-12,256' w/4 shots/ft Morrow @ 11,644-11,760' CIBP @ 11,800' pushed down to 12,182' washed out hole to 12,260' (Jan 07).		27. ACID. SHOT. FRACTURE. CEMENT. SQUEEZE. ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,840-12,256" 495 bbl frac w/40000# ultraprop w/196 tons C02 11,644-11,760" 3000 gals 7.5% HCL/22900 gal frac w/48500# prop
28. PRODUCTION		
Date First Production: 12-3-06		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing
Well Status (Prod. or Shut-in) Producing		
Date of Test 2-1-07	Hours Tested 24	Choke Size 32/64"
Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 340
Water - Bbl. 28	Gas - Oil Ratio	
Flow Tubing Press. 200=	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl.	Gas - MCF	Water - Bbl.
29. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By
Sales		
30. List Attachments Logs & inclination, C-104.		
Signature  Name : Ann E. Ritchie Title: Regulatory Agent Date: 3-13-07 E-mail Address: ann.ritchie@wtor.net		

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 11,128'	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzie
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand 2106'	T. Todilto	T.
T. Drinkard	T. Bone Springs 6520'	T. Entrada	T.
T. Abo	T. Morrow 11,502'	T. Wingate	T.
T. Wolfcamp 8821'	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

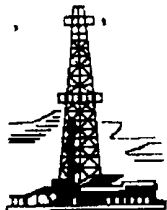
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
			Delaware @ 2106' Cherry Canyon @ 2808' Bone Spring @ 5500' Lst Bone Spring @ 6502' 2 nd Bone Spring @ 7039' 3 rd Bone Spring @ 8448' Wolfcamp @ 8821' Atoka @ 11,128' Morrow @ 11,502' Upper Morrow @ 11,612' Middle Morrow @ 11,817' Lower Morrow @ 12,130'				



Permian Drilling Corporation

P. O. Box 726

(505)397-3798

Fax (505)393-2448

Hobbs, New Mexico 88241

INCLINATION REPORT

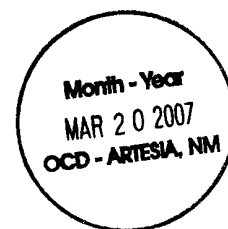
DATE: 11/15/2006

WELL NAME AND NUMBER: Red Bat #1

LOCATION:

OPERATOR: OGX Resources, LLC

DRILLING CONTRACTOR: PERMIAN DRILLING CORPORATION



The undersigned hereby 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:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
1.00	337	2.25	2980	0.75	9008
0.25	814	1.25	3480	1.50	9707
0.50	1288	1.50	3960	2.00	10191
2.00	1511	1.50	4467	0.50	11000
7.00	1699	1.00	5013	1.00	11404
5.50	1769	0.75	5518	0.50	11827
6.00	1861	1.00	5980	1.00	12305
5.50	1893	0.75	7027		
4.50	1950	0.75	6521		
3.50	2092	1.00	7500		
3.00	2285	1.00	8003		
2.00	2568	1.00	8509		

Drilling Contractor:
Permian Drilling Incorporation

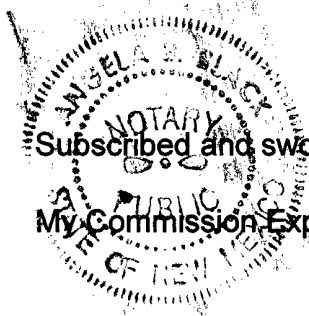
By Sherry Cookrey
Sherry Cookrey
Regulatory Clerk

Subscribed and sworn to before me on this 29th day of November, 2006.

My Commission Expires:

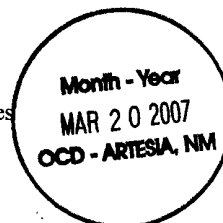
June 12, 2016

Angel Black



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 RED BAT Fee				
Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 12/19.06		Well No. 1		
Completion Date		Total Depth		Plug Back TD		Elevation		Unit Ltr - Sec - TWP - Rge	
Csg. Size 7" 4 1/2 LN	Wt. d	Set At 4.082 12344		Perforations: From: 11842 To: 12261			County EDDY		
Tbg. Size 2 3/8	Wt. 4.7	Set At d 2.096 9048		Perforations: From: To:			Pool		
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE					Packer Set At 9048		Formation MORROW ATOKA		
Producing Thru TBG		Reservoir Temp. °F 172 @ 11842		Mean Annual Temp. °F 60		Baro. Press. -P _a 13.2		Connection	
L 11842	H 11842	Gg 0.572	%CO ₂	%N ₂	%H ₂ S	Prover N/A	Meter Run 3.068	Taps FLG	
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	Press p.s.i.g.	Temp. °F
SI					74	2250			
1	3 X	1.000	524	3.9	54	550			
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									301
2				TOTAL	FLOW	METER			
3									
4									
5									
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio DRY Mcf bbl.				
1					A.P. I. Gravity of Liquid Hydrocarbons DRY GAS Deg.				
2					Specific Gravity Separator Gas 0.572 XXXXXXXX				
3			N/A		Specific Gravity Flowing Fluid XXXXXX N/A				
4					Critical Pressure P.S.I.A. 672 P.S.I.A.				
5					Critical Temperature R. 346 R				
P _c 2263.2 P _{c2} 5122.1									
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.044}{\quad}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.044}{\quad}$				
1		465.9	217.1	4905					
2									
3									
4									
5									
AOF = Q					$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{0.314}{\quad}$				
79825									
Absolute Open Flow		759		Mcf/d @ 15.025		Angle of Slope (°)		45	Slope n: 1
Remarks: Well produced 1008 bbls H2O during 24 hr test									
Approved By Division:			Conducted By: Sonic Petroleum Services			Calculated By: BM		Checked By: BM	

0 COMPANY : OGX RESOURCES LLC LEASE : RED BAT FEE WELL NO. : 1 Pc = 2263.2 Pc2 = 5122.1 *
 UNIT : SECTION : TOWNSHIP : *
 L : 11842 H : 11842 L/H : 1 G/GMIX : 0.572 Pt2 = 214.6 Pw = 465.9 *
 %CO2 : %N2 : H2S : DATE : 12/19/06 0.0 ERR *
 d : 2.097 Fr : 0.016004 GH : 6773.6 RANGE : 0.0 ERR *
 0.0 ERR *

VOL 1 : 301 PSIA 1 : 463.2 RESV.TEMP 172.0 Pc2-Pw2= 4905.0 Pw2 = 217.1 *
 VOL 2 : PSIA 2 : ERR ERR *
 VOL 3 : PSIA 3 : SHUT-IN PR= 2263.2 ERR ERR *
 VOL 4 : PSIA 4 : ERR ERR *

PCR : 672 n = 1.000 *
 TCR : 346 *
 Pc2/(Pc2-Pw2) = 1.044 *

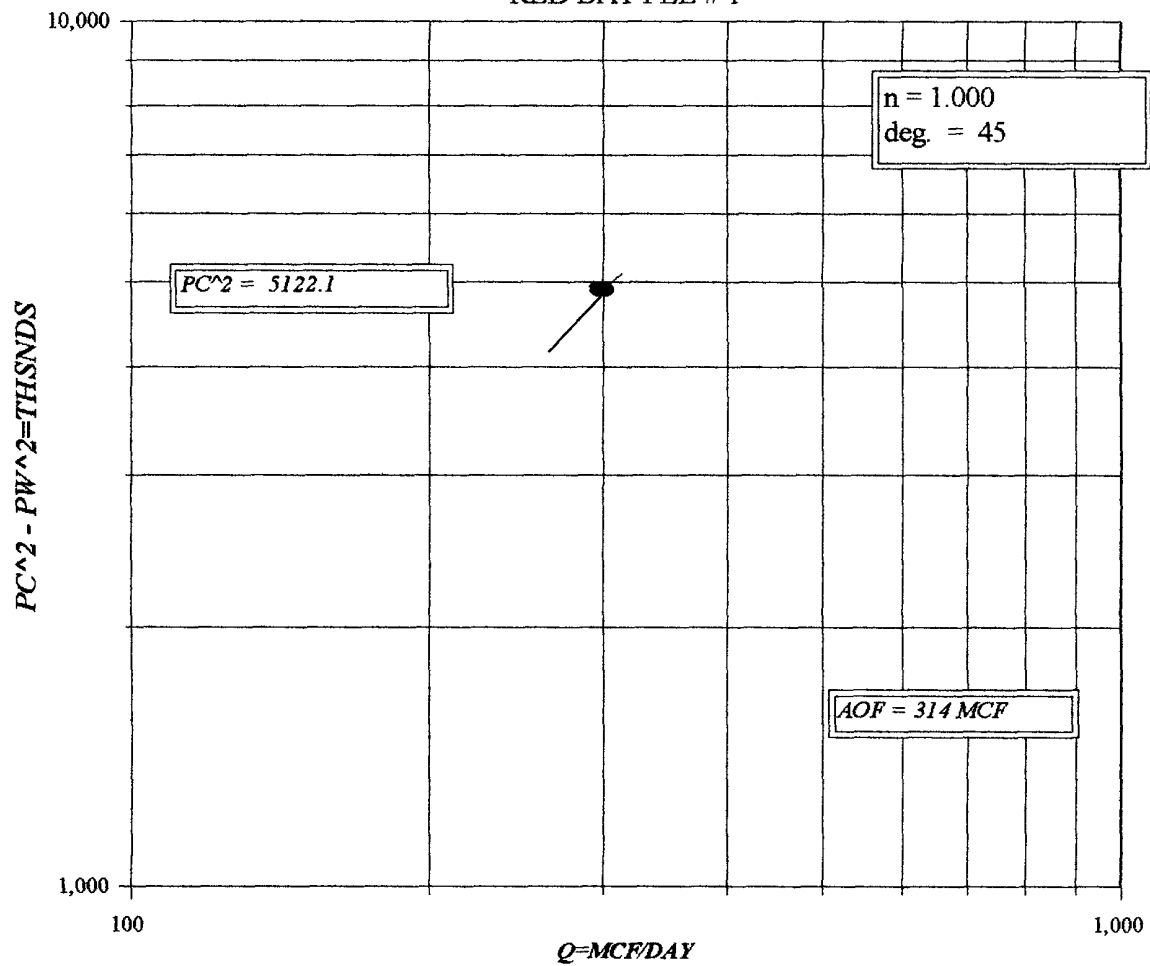
LINE	RATE 1		RATE 2		RATE 3		RATE 4		
	1ST	2ND	1ST	2ND	1ST	2ND	1ST	2ND	
1 QM	0.301	0.301	0.000	0.000	0.000	0.000	0.000	0.000	
2 TW	534	534	534	534	534	534	534	534	[Pc2/Pc2-Pw2]n = 1.044 *
3 Ts	632.0	632.0	632.0	632.0	632.0	632.0	632.0	632.0	ERR *
4 T	583.0	583.0	583.0	583.0	583.0	583.0	583.0	583.0	ERR *
PR (est)	0.69		0.00		0.00		0.00		ERR *
5 Z(est)	0.931	0.926	ERR	ERR	ERR	ERR	ERR	ERR	
6 TZ	543.0	539.7	ERR	ERR	ERR	ERR	ERR	ERR	AOF= Q 0.314 *
7 GH/TZ	12.474	12.550	ERR	ERR	ERR	ERR	ERR	ERR	ERR *
8 eS	1.596	1.601	ERR	ERR	ERR	ERR	ERR	ERR	ERR *
9 l-e-S	0.374	0.375	ERR	ERR	ERR	ERR	ERR	ERR	ERR *
10 Pt	463.2	463.2	0.0	0.0	0.0	0.0	0.0	0.0	
11 Pt2 /1000	214.6	214.6	0.0	0.0	0.0	0.0	0.0	0.0	
12 Fr	0.016004	0.016004	0.016004	0.016004	0.016004	0.016004	0.016004	0.016004	
13 Fc=FrTZ	8.691	8.639	ERR	ERR	ERR	ERR	ERR	ERR	
14 FcQm	2.62	2.60	ERR	ERR	ERR	ERR	ERR	ERR	
15 L/H(FcQm)	6.8	6.8	ERR	ERR	ERR	ERR	ERR	ERR	
16 Fw	2.556664	2.537950	ERR	ERR	ERR	ERR	ERR	ERR	
17 Pw2	217.1	217.1	ERR	ERR	ERR	ERR	ERR	ERR	
18 Ps2	346.6	347.6	ERR	ERR	ERR	ERR	ERR	ERR	
19 Ps	588.7	589.5	ERR	ERR	ERR	ERR	ERR	ERR	
20 P	526.0	526.4	ERR	ERR	ERR	ERR	ERR	ERR	
21 Pr	0.78	0.78	ERR	ERR	ERR	ERR	ERR	ERR	
22 Tr	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	
23 Z	0.926	0.926	ERR	ERR	ERR	ERR	ERR	ERR	FORM C122-D *



Month - Year
MAR 20 2007
OCD - ARTESIA, NM

OGX RESOURCES LLC

RED BAT FEE # 1



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OGX Resources, LLC P.O. Box 2064 Midland, TX 79702		² OGRID Number: 217955	
⁴ API Number 30 - 015 34701		³ Reason for Filing Code/ Effective Date NW 12-2-06	
⁵ Pool Name Black River; Morrow (Gas)		⁶ Pool Code 72170	
⁷ Property Code: 35473		⁸ Property Name Red Bat Fee	
		⁹ Well Number # 1	

II. ¹⁰ Surface Location

UL or lot no. O	Section 8	Township 24S	Range 27E	Lot Idn	Feet from the 660	North/South Line South	Feet from the 1830	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 12-14-06	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
037627	Enterprise Field Services LLC P.O. Box 4324, Houston, TX 77210		G	Sec 8, T24S, R27E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 8-25-06	²⁶ Ready Date 12-2-06	²⁷ TD 12,344'	²⁸ PBTD 12,260'	²⁹ Perforations 11,644-12,256'	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17 1/2"	13 3/8"	532'	730 sx		
12 1/4"	9 5/8"	2031'	800 sx		
8 3/4"	7 "	9300'	1250 sx		
Liner	8996-12,344"				

VI. Well Test Data

³⁵ Date New Gas 12-2-06	³⁶ Gas Delivery Date 12-14-06	³⁷ Test Date 2-1-07	³⁸ Test Length 24	³⁹ Tbg. Pressure 200#	⁴⁰ Csg. Pressure
⁴¹ Choke Size 32/64"	⁴² Oil 0	⁴³ Water 28	⁴⁴ Gas 340	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Printed name: Ann E. Ritchie

Title: Regulatory Agent

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

Date: 3-13-07

Phone: 432 684-6381

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

MAR 20 2007