

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

☐ AMENDED REPORT
Permit renewal request

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address: OGX Resources, P.O. Box 2064, Midland, TX 79702		² OGRID Number: 217955
		³ API Number 30 - 015-33907
⁴ Property Code 34546	⁵ Property Name EKG Fee	⁶ Well No. 1
⁹ Proposed Pool 1: Wildcat-Morrow (Gas) 96070		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1980'	North/South line	Feet from the 1980'	East/West line	County
F	29	24S	28E			North		West	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code RC	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 3049'
¹⁶ Multiple No	¹⁷ Proposed Depth 12,432'	¹⁸ Formation Morrow	¹⁹ Contractor pending	²⁰ Spud Date 2-8-05
Depth to Groundwater: 300-350'		Distance from nearest fresh water well: over 1/4 mile		Distance from nearest surface water: none
²¹ Pit: Liner: Synthetic X 20_mils thick Clay <input type="checkbox"/> Pit Volume: 2000_bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water X Brine X Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13 3/8"	48#	650'	700 sx CLC	Surface
12.25	9.625"	36#	2490'	755 sx	Surface
8.5	7 5/8"	39#	9731'	850 sx	3970'
6.5	5 1/2"	20#	9429'-12,348'	360 sx	9400'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well is currently downhole commingled in the Wildcat, Cisco Gas and the Wildcat, Strawn Gas. Please see wellbore diagram attached.

We will set a 5 1/2" packer above the Morrow formation @ approx. 12,300' and test the Morrow under a packer. The well will be flow tested down the sales line & evaluated for further stimulation. Evaluation for proposed amended application to add downhole commingling Morrow with the existing Strawn & Cisco formations.

Form C-144 for this well on file.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Ann E. Ritchie

Title: Regulatory Agent

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

Date: 2-2-07

Phone: 432 684-6381

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title:

Approval Date: FEB 16 2007

Expiration Date: FEB 16 2008

Conditions of Approval Attached ☐

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State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT
 (RC)
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30 015 23850		² Pool Code 96070		³ Pool Name Wildcat, Morrow (Gas)	
⁴ Property Code 34546		⁵ Property Name EKG Fee			⁶ Well Number 1
⁷ OGRID No. 217955		⁸ Operator Name OGX Resources, LLC			⁹ Elevation: 3049'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	29	24S	28E		1980	North	1980	West	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Ann E. Ritchie</i> Date: 2-2-07 Ann E. Ritchie, Regulatory Agent Printed Name			
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. - recompletion filing Date of Survey Signature and Seal of Professional Surveyor: Merle E Shows #2189 Certificate Number			

OGX Resources LLC
EKG Fee, Well #1
1980' FNL & 1980' FWL
Sec. 29, T24S, R28E
Eddy Co., NM
30-015-33907



WELLBORE SCHEMATIC

650' - 13 3/8"

(48#) J55

Cement circ. to surface
700 sx

2,490' - 9 5/8"

(36#) J55

Cement circ. to surface
755 sx

Top of 5 1/2" liner @ 9429'

9,731' - 7 5/8"

(39#) P110'

Cement w/ 850 sx. Top of cement
3,970 by temp. survey.

Perfs - 11,010 - 11,256
Penn

Perfs - 11,504 - 11,630
Atoka

Perfs - 11,790 - 11,820
Atoka

Perfs - 11,896 - 11,936
Atoka

5 1/2", (20#), p110 @
12,348' - top @ 9,429'
Cement w/ 360 sx. Circ.
cmt above liner top.

Morrow open hole

4 3/4" open hole 12,348 - 12,432