

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

MAR 24 2009 Form C-101
June 16, 2008

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address OGX Resources, LLC, Box 2064, Midland, TX 79702		OGRID Number 217955	
Property Code 32350		API Number 30- 015 32799	
Property Name Tesque 2 State		Well No. 1	
Proposed Pool 1 Wildcat Brushy Draw - Delaware		Proposed Pool 2	

7 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	2	26S	29E		660	North	1980	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

Work Type Code Re-entry	Well Type Code SWD	Cable/Rotary	Lease Type Code State	Ground Level Elevation 3050'
multiple	Proposed Depth 5192'	Formation Bell/Cherry Canyon	Contractor TBA	Spud Date re-entry: 3-30-09

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	581'	650 sx	surface circulated
7 7/8"	5 1/2"	15.5#	6010'	1800 sx	surface circulated

" 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 P&A February 2007, Devon Energy Production Company.

Well permitted for injection Administrative Order SWD-1164, copy attached.

Wellbore diagram attached, will drill out cement plugs @ surface 0-60', 380-631' and 2701-2950'.

Injection interval perforations: 3456-4482'.

Will utilize all steel above ground tanks for re-entry. No H2S anticipated as per offset well production.

BOP diagram attached.

" I hereby certify 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.wtor@gmail.com

Date 3-23-09

Phone 432 684-6381

OIL CONSERVATION DIVISION

Approved by

Geologist

Title

Approval Date MAR 26 2009

Expiration Date 3/26/2011

Conditions of Approval Attached ☐

Current Wellbore Configuration

OGX Resources, LLC

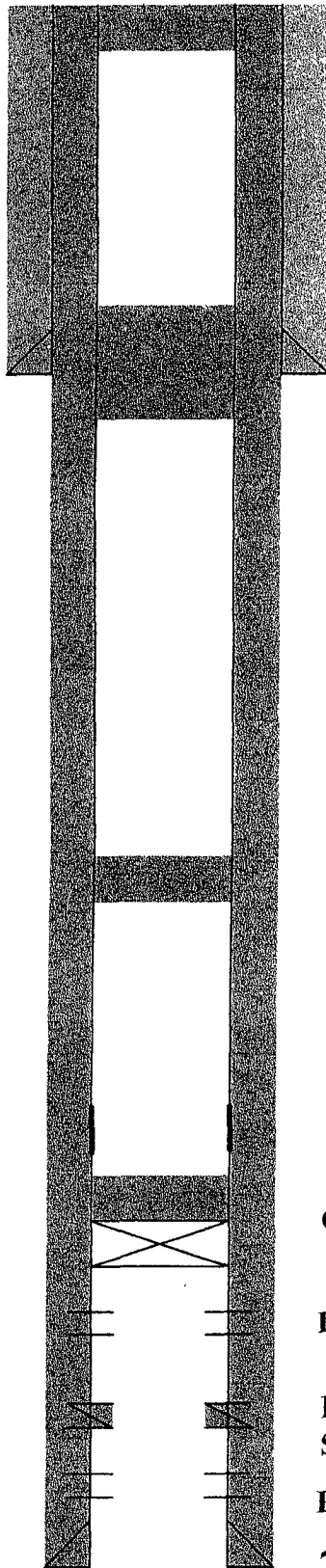
Tesuque "2" State No. 1

API No. 30-015-32799

660' FNL & 1980' FWL (Unit C)

Section 2, T-26 South, R-29 East, NMPM

Eddy County, New Mexico



10 Sx. Surface
Plug 0-60'

12 1/4" Hole; Set 8 5/8" 24# J-55 Csg. @ 581'
2 stage cement job. 1st stage- 200 Sx. Class H
2nd stage-250 Sx. Class C. Pumped 200 Sx.
via 1". Cement circulated to surface.

Set 25 Sx. 380'-631' (Tagged)

9.5 lb. mud placed
between plugs

25 Sx. 2,701'-2,950'

D.V. Tool @ 4,988'

CIBP @ 5,231' w/ 39' of cement on top

Perforations: 5,256'-5,343'

Perforations: 5,585'-5,606',
Squeezed w/ 320 Sx.

Perforations: 5,915'-5,930'

7 7/8" Hole; Set 5 1/2" 15.5# J-55 Csg. @ 6,010'
2 stage cement job. 1st stage: 500 Sx. Class C.
2nd stage: 1300 Sx. Class C. DV Tool @ 4,988'
Cement circulated to surface.

T.D. - 6,010'

Well was drilled in May, 2003 and
completed in the Cherry Canyon and
Brushy Canyon members of the Delaware
formation. Well was uneconomic to
produce. Well was TA'd in July, 2006
and was subsequently plugged and
abandoned in February, 2007.

Proposed Wellbore Configuration

OGX Resources, LLC

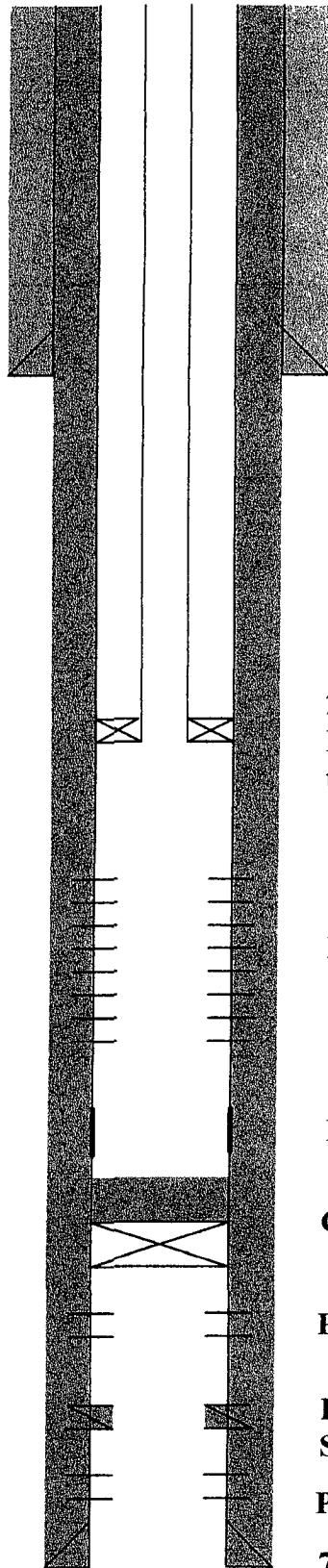
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2 stage cement job. 1st stage- 200 Sx. Class H
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via 1". Cement circulated to surface.

2 7/8" IPC Tubing set in a
Baker AD-1 or similar
type IPC packer @ 3,356'

Cement plugs will be drilled out and the
well perforated from 3,456'-4,482' in the
Bell Canyon and Cherry Canyon
members of the Delaware formation.
2 7/8" IPC tubing will be set in a packer
@ 3,356'

Injection Perforations: 3,456'-4,482'

Formation Tops:

Bell Canyon-2,940'
Cherry Canyon-4,021'
Brushy Canyon-5,663'

D.V. Tool @ 4,988'

CIBP @ 5,231' w/ 39' of cement on top

Perforations: 5,256'-5,343'

Perforations: 5,585'-5,606',
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New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



Administrative Order SWD-1164

March 10, 2009

Ann Richie as Agent for
OGX Resources, LLC
PO Box 953
Midland, TX 79702

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Rule 26.8B., OGX Resources, LLC seeks an administrative order to utilize its Tesuque 2 State Well No. 1 (**API 30-015-32799**) located 660 feet from the North line and 1980 feet from the West line, Unit C of Section 2, Township 26 South, Range 29 East, NMPM, Eddy County, New Mexico, for produced water disposal purposes.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 26.8B. Satisfactory information has been provided that affected parties as defined in Rule 26.8B.(2) have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 26.8 will be met and the operator is in compliance with Division Rule 5.9.

IT IS THEREFORE ORDERED THAT:

The applicant OGX Resources, LLC, is hereby authorized to utilize its Tesuque 2 State Well No. 1 (**API 30-015-32799**) located 660 feet from the North line and 1980 feet from the West line, Unit C of Section 2, Township 26 South, Range 29 East, NMPM, Eddy County, New Mexico, for disposal of produced water into the Bell Canyon and Cherry Canyon members of the Delaware Mountain Group from 3456 feet to 4482 feet through 2-7/8 inch or smaller diameter, plastic-lined tubing set within 100 feet of the disposal interval.

As preparation and prior to commencing disposal, the operator shall perform the following work on the subject well:

- 1) Set a cast iron bridge plug within 200 feet below the bottom of the injection interval and cap the plug with cement.
- 2) Perforate the injection interval and swab test the new perforations for



hydrocarbon potential and have a water sample analyzed. The Division's district office shall be noticed prior to this test and given the opportunity to witness the swab test. The results of the swab test and water analysis shall be sent to the Division attached to a sundry notice.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the disposed water enters only the proposed disposal interval and is not permitted to escape to other formations or onto the surface.

After installing tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 691 psi**. In addition, the disposal well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface tubing pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in tubing pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the disposed fluid from the target formation. Such proper showing shall be demonstrated by an acceptable Step-Rate-Test.

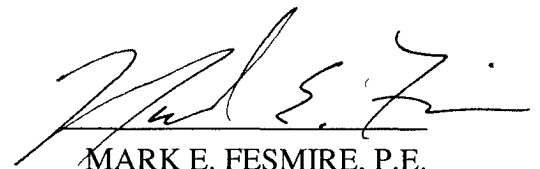
The operator shall notify the supervisor of the Division's district II office in Artesia of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of disposal to the Division's district II office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 26.13 and 7.24.

Without limitation on the duties of the operator as provided in Division Rules 30 and 29, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

In accordance with Division Rule No 26.12.C., the disposal authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request, mailed by the operator prior to the termination date, may grant an extension thereof for good cause. One year after disposal into the well has ceased, the authority to dispose will terminate *ipso facto*.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the disposal authority granted herein.



MARK E. FESMIRE, P.E.
Director

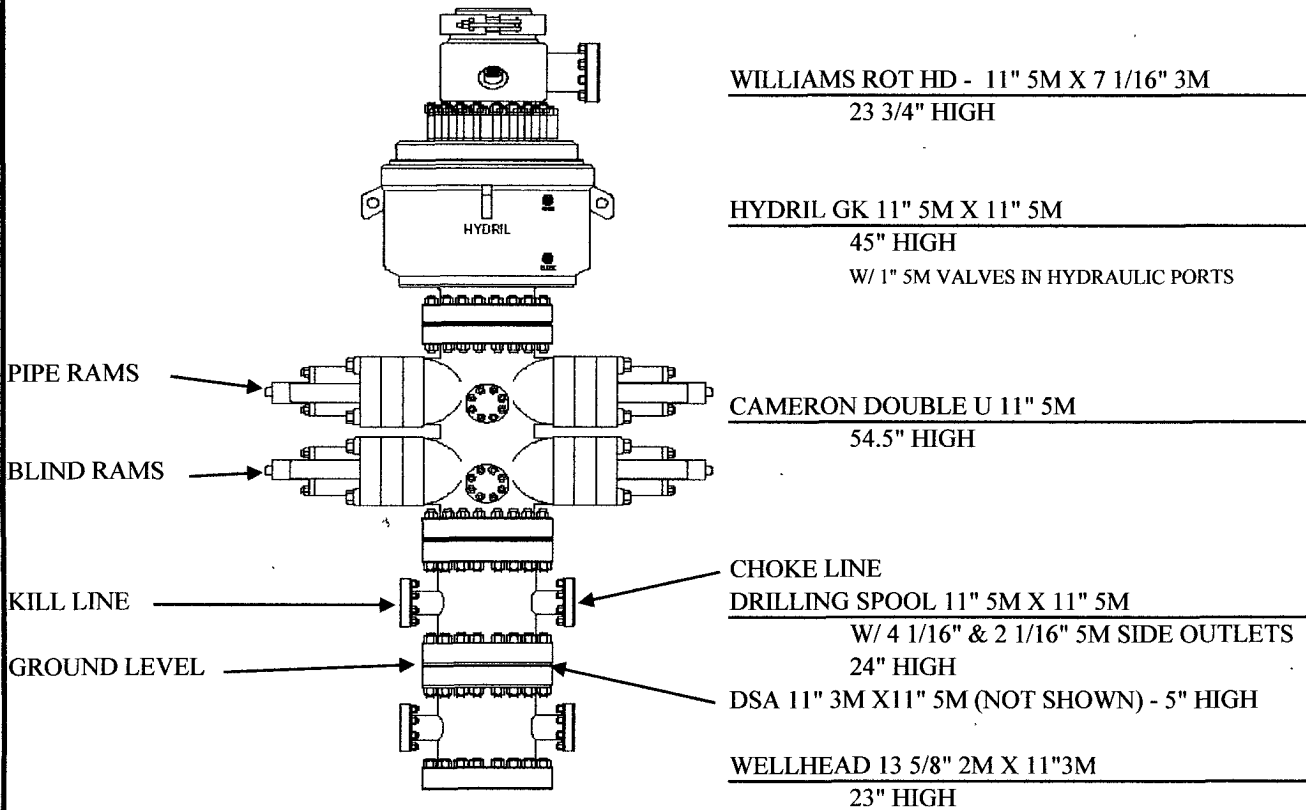
MEF/wvjj

cc: Oil Conservation Division – Artesia

OGX RESOURCES BOP SCHEMATIC

WELL: Tesuque 2 State, Well #1

DATE: 23-Mar-09



WELLHEAD (NORTH)

W/ 1 1/16" 3M WKM VALVE

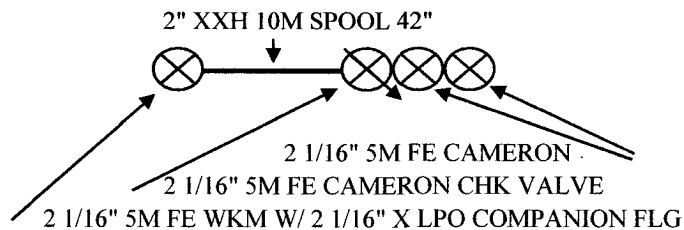
WELLHEAD (SOUTH)

W/ 1 2" TAPPED BP W/ NEEDLE VALVE

2" 3M BLIND FLG

TOTAL HEIGHT F/ TOP WELLHEAD TO TOP ROT HD = 147.67" = 12.3'

KILL LINE



CHOKE LINE

