

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC
Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM025527A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
OXY ROSENKAVLIER FEDERAL 1

9. API Well No.
30-015-30908-00-S1

10. Field and Pool, or Exploratory
LOGAN DRAW

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
OXY USA WTP LP
Contact: JENNIFER A DUARTE
E-Mail: jennifer_duarte@oxy.com

3a. Address
HOUSTON, TX 77210

3b. Phone No. (include area code)
Ph: 713-513-6640

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 23 T17S R27E NWNW 660FNL 660FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

OXY USA WTP LP respectfully to plug-back and recomplete into the Penn Shale for the above mentioned well as described in the below procedure. Should you have any questions or concerns, please feel free to contact me at any time.

- Clean location, set & test anchors
- MIRU PU
- POOH w/ production equipment
- LD production BHA
- RIH w/ wireline & run a casing inspection log
- MU workstring BHA
- RIH w/ workstring to 8,450' & set CIBP w/ 25sx cmt to 8,250' WOC-Tag
- Pressure test 4.5' casing to 6,200# (6,200# is 80% of burst pressure for 4.5' casing)

**SUBJECT TO LIKE
APPROVAL BY STATE**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Accepted for record 1/9/2016
NMOC

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #298042 verified by the BLM Well Information System
For OXY USA WTP LP, sent to the Carlsbad
Committed to AFMSS for processing by JENNIFER SANCHEZ on 11/13/2015 (16JAS1099SE)**

Name (Printed/Typed) JENNIFER A DUARTE Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 04/13/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date JAN 11 2016

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

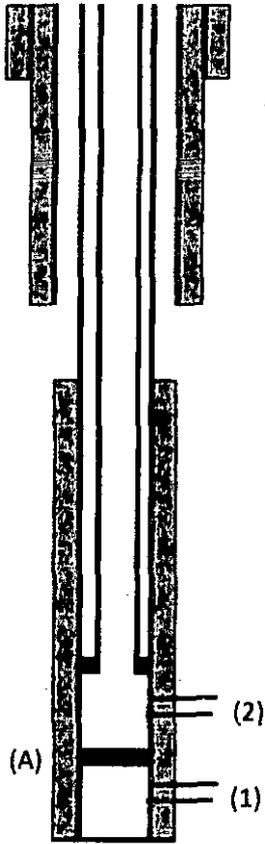
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional data for EC transaction #298042 that would not fit on the form

32. Additional remarks, continued

9. MIRU wireline
10. RIH & perforate Stage 1: 7,992? - 7,993?, 8,004? ? 8,005?, 8,010? ? 8,011?, 8,022? ? 8,023?, 8,029? ? 8,030?, 8,039? - 8,040?, 8,097? ? 8,098?, 8,107? ? 8,108?, 8,114? ? 8,115?, 8,123? ? 8,124? @ 3 spf
11. MIRU frac crew and frac in 1 stage RDMO frac crew
12. RIH to cleanout well
13. RIH w/ production equipment & tubing
14. RDMO PU
15. Turn well over to production

Current



Casing Detail:

13-3/8" 48# csg @ 409' w/ 365 sx, 17-1/2" hole, TOC-Surf-Circ

8-5/8" 32# csg @ 1,822' w/ 660 sx, 11" hole, TOC-Surf-Circ

4-1/2" 11.6# csg @ 9,797' w/ 985 sx, 7-7/8" hole, TOC-5,376'-CBL

Perfs:

(1) 9,539' - 9,549', 44 holes, currently abandoned

(2) 9,252' - 9,261', 20 holes, currently open

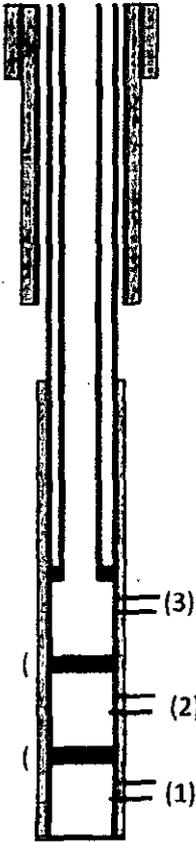
CIBP:

(A) CIBP @ 9,510' (TOC @ 9,472)

TD: 9,800'

PBTD: 9,472'

Proposed



TD: 9,800'
PBTD: 8,250'

Casing Detail:

13-3/8" 48# csg @ 409' w/ 365 sx, 17-1/2" hole, TOC-Surf-Circ

8-5/8" 32# csg @ 1,822' w/ 660 sx, 11" hole, TOC-Surf-Circ

4-1/2" 11.6# csg @ 9,797' w/ 985 sx, 7-7/8" hole, TOC-5,376'-CBL

Perfs:

(1) 9,539' - 9,549', 44 holes, abandoned

(2) 9,252' - 9,261', 20 holes, abandon

(3) 7,992' - 8,124', 30 holes, open

CIBP:

(A) CIBP @ 9,510' (TOC @ 9,472)

(B) CIBP @ 8,450' (TOC @ 8,250') *See COA*

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 570, Artesia, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

JAN 19 2016

Revised February 10, 1994

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30908	Pool Code	Pool Name Penn Shale
Property Code	Property Name OXY ROSENKAVLIER FEDERAL	Well Number 1
OGWD No. 192463	Operator Name OXY USA WTP LP	Elevation 3529'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	23	17 S	27 E		660	NORTH	660	WEST	EDDY

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

Dedicated Acres 320	Joint or Infill N	Consolidation Code	Order No.
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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

	<p>Woden Fed-1 P&A-8/6/99</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>David Stewart</i> Signature</p> <p>David Stewart Printed Name</p> <p>Regulatory Analyst Title</p> <p>11/10/99 Date</p>
		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>October 15, 1999 Date Surveyed</p> <p><i>[Signature]</i> Signature of Registered Professional Surveyor</p> <p>7977 Professional Surveyor No.</p> <p>7977 Certification No.</p> <p>BAIN SURVEYS</p>

Oxy Rosenkavlier Federal I
30-015-30908
OXY USA WTP LP
January 11, 2016
Conditions of Approval

Work to be completed by April 11, 2016.

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

- 1. Operator shall set CIBP at 9,200' (50'-100' above current perms) with a minimum of 25sx Class H cement on top. WOC and tag required.**
- 2. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.**
- 3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 4. Surface disturbance beyond the originally approved pad must have prior approval.**
- 5. Closed loop system required.**
- 6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.**
- 7. Operator to have H2S monitoring equipment on location.**
- 8. A minimum of a 3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**
- 9. Subsequent sundry required detailing work done and completion report for the new formation. Operator to include well bore schematic of current well condition when work is complete.**

10. See attached for general requirements.

JAM 011116

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet:

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.