

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

OXY USA WTP Limited Partnership

3a. Address

P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FNL 660 FWL NWNW(D) Sec 23 T17S R27E

5. Lease Serial No.

NM025527A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

OXY Rosenkavlier 1
Federal

9. API Well No.

30-015-30908

10. Field and Pool, or Exploratory Area

Logan Draw Morrow

11. County or Parish, State

Eddy NM

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

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☒ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Perf Add'l

Morrow & Return

to Production

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 recompleat 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 recompleat 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 final site is ready for final inspection.)

See Attached

ACCEPTED FOR RECORD

SEP 22 2005

LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

9/21/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

OXY ROSENKAVLIER FEDERAL #1

08/11/2005 CMIC: Davis

MIRU SITP 1100#. Bleed pressure off tubing. Pump 55 bbls. 6% KCL water down tubing. Nipple down tree. Nipple up BOP. Unset packer and tally out of hole with 1 joint 2 3/8 tubing-6' X 2 3/8 tubing sub-8' X 2 3/8 tubing sub-10' X 2 3/8 tubing sub-294 jts 2 3/8 tubing-4' X 2 3/8 tbg. sub(marker sub) 1 jts 2 3/8 tubing-4 1/2 Baker Loc-set packer-10' X 2 3/8 tubing sub and Mechanical gun release. SION

08/12/2005 CMIC: Davis

Well on vacuum. Rig up Halliburton wireline. RIH with 3.78 gauge ring and junk basket to 9600'. POOH with gauge ring and junk basket. RIH with 4 1/2 CIBP on wireline. Correlated plug on depth and set at 9510'. POOH with setting tool. RIH with 3 1/2 od Dump Bailer and cap CIBP with 38' class C cement. POOH with dump bailer. RIH with 3 3/8 casing gun loaded with Millennium 25 gram charges. 40.4" penetration-.50 hole) correlate gun on depth and shoot the Morrow formation from 9252' - 9261'. (20 holes). POOH and rig down wireline. RIH with 2 3/8 wireline entry guide-4 1/2 Baker loc-set packer-L-10 on/off tool with 1.81 F profile on 286 jts 2 3/8 tubing. Set packer at 9090'. Nipple down BOP. Nipple up Tree. Load backside with 30 bbls. 6% KCL water. Test to 1000#. Held. Bleed off pressure. SION

08/13/2005 CMIC: Davis

120# pressure on tubing. Rig up Tree Saver and Halliburton. Test lines to 9000#. Load back-side and pressure up to 1500#. Acidize the Morrow formation with 2,000 gal of 50 quality CO2 foamed acid, dropping 10 ball sealers for diversion, flush with 1200 gal treated water and 3 tons of CO2 per Halliburton's recommendation. Max treating pressure=5813#. Avg treating pressure=4424#. Max treating rate=4.4 BPM. Avg treating rate of 4.0 BPM. ISIP=3477#. 5 min.=2987#. 10 min.=2770#. 15 min.=2582#. Close well in. Rig down Halliburton and TSI. Hook up Weatherford 1325# SITP opened well to frac tank on 10/64 choke had fluid to surface instantly pressure decreased to 600# in 15 mins increased choke to 1/4" FTP leveled off @ 1230 hrs FTP increased to 650# on 1/4" choke. At 1300 hrs 500# FTP on 1/4" choke @ 737 MCFPD, 1400 hrs 400# FTP on 5/16" choke @ 971 MCFPD, 1500 hrs 450# FTP on 5/16" choke @ 1092 MCFPD, 1600 hrs 200# FTP on 5/16" choke @ 485 MCFPD. 1700 hrs 20# FTP on 1/2" choke @ 125 MCFPD, 1800 hrs 0 FTP slight blow, 1900 hrs 0 FTP slight blow. At 2000 hrs SI to build pressure. 0200 910# SITP opened well on 3/4" choke TP fell to 100# in 10 mins without any fluid. Well decreased to slight blow @ 0300. Left well at slight blow at report time.

08/14/2005 CMIC: Davis

RU swab IFL @ 6000' & scattered made 7 hourly runs. Last run dry REC 8 BW (3 BLWTR) had slight blow. SI well due to weather.

08/15/2005 CMIC: Davis

1825# 10-1/2 hrs SITP

08/16/2005 CMIC: Davis

SITP 2200#. Open well up on 12/64 choke. Pressure down to 0 in 2 hours. Rec. 0 oil. 0 water. Pump 40 bbls. 6% KCL water down tubing. Nipple down Tree. Nipple up Frac valve and BOP. Release packer. POOH with 286 joints 2 3/8 tubing and packer. SION

08/17/2005 CMIC: Davis

RU TSI tree saver. Rig up Halliburton. Frac the Morrow formation down 4 1/2 csg. with CO2 Foam consisting of 40# Water Frac CMHPG and 65% CO2 carrying 50,000# of Versaprop at 25 BPM. Flush to top perforation as per Halliburton's recommendation. Max treating pressure=6250#. Avg. treating pressure=5724#. Max WH rate=26.9 BPM. Avg. WH rate 24.1 BPM. ISIP=4534#. 5 min SI=4327#. 10 min SI=4220#. 15 min SI=4142#. Rig down Halliburton and TSI. (568 BLWTR). RU Weatherford SICP 3950# Opened well on 14/64 choke @ 1200 hrs @ 1300 hrs had 2500# FCP on 14/64 choke @ 2790 MCFPD. 1400 hrs on 14/64 choke 2500# FCP @ 1406 MCFPD. 1500 hrs on 16/64 choke @ 1401 MCFPD producing sand. 1600 hrs on 16/64 choke @ 1180 MCFPD still making sand. 1700 hrs 700# FCP on 16/64 choke @ 1032 MCFPD. 1800 hrs 600# FCP on 16/64 choke 885 MCFPD. 2000 hrs 500# FCP on 24/64 choke @ 735 MCFPD. 2100 hrs 450# FCP on 1/2" choke @ 2822 MCFPD. 0200 hrs 300# FCP @ 1881 MCFPD. 0400 hrs 250# FCP on 1/2" choke @ 1568 MCFPD. 0500 hrs 275# FCP on 1/2" choke @ 1724 MCFPD. 0600 hrs 200# on 1/2" choke @ 1254 MCFPD at report time.

08/18/2005 CMIC: Davis

0700 hrs well flowing at 1317 MCFPD on 1/2" choke w/ 210# FCP. 1400 hrs well flowing at 1066 MCFPD on 1/2" choke CO2 tested 5% increased choke to 3/4". 1800 well flowing @ 941 MCFPD on 3/4" choke CO2 increase to 7%. At 0600 well flowing @ 1304 MCFPD on 3/4" choke w/ 90# FCP.

08/19/2005 CMIC: Davis

Continued flowing well back on 3/4" choke w/ 70# FCP at 1014 MCFPD rate. SION

08/20/2005 CMIC: Davis

SICP 1700#. Rig up Schlumberger wireline. RIH with Junk Basket and 3.81 gauge ring. Tag up at 9266'. POOH with junk basket and gauge ring. RIH with 2 3/8 WLEG-2' X 2 3/8 tubing sub-1.81 F profile nipple-4' X 2 3/8 tubing sub-Baker 4 1/2 od Hornet packer on wireline. Corrolate packer on depth and set at 9175'. POOH with setting tool and rig down wireline. Bleed off pressure on well bore. RIH with L-10 on/off tool with 1.81 F profile on 288 jts 2 3/8 tubing-8' X 2 3/8 tubing sub-6' X 2 3/8 tubing sub-1 jt. 2 3/8 tubing. Displace hole with 150 bbl 6% KCL water with packer fluid. Latch onto packer. Nipple down BOP and Frac Valve. Tree well up. Test packer to 1000#. Held. Rig up to swab well. SION

08/21/2005 CMIC: Davis

0 pressure on tubing. Swab well down to 5000'. Rig down swab. Rig up Pro slickline truck. RIH and retrieve equalizing prong and F- plug in two runs. Rig down Slick line truck. SITP 950 #. RU Weatherford RD Key pulling unit. At 1200 hrs opened well on 3/4" choke unloaded 15 bbls water. 1230 decreased choke to 1/2". At 1300 hrs well flow 330# FTP @ 2069 MCFPD on 1/2" choke. At 1600hrs well flowing on 1/2" choke with 250# FTP @ 1568 MCFPD rate CO2 @ 1.4% RD Weatherford. SI

08/22/2005 CMIC: Davis

SI 42 hrs 2200#.

08/23/2005 CMIC: Davis

SI sales meter hooking frac up to stack pack.

08/24/2005 CMIC: Davis

SI waiting on sales meter.

08/25/2005 CMIC: Davis

SI tbq pressure on new guage 2200# waiting to install sales meter.

09/02/2005 CMIC: Hobbs

Oil - 8 Water - 16 Gas - 813

09/03/2005 CMIC: Hobbs

Oil - 15 Water - 8 Gas - 816

09/04/2005 CMIC: Hobbs

Oil - Water - Gas - 703

09/06/2005 CMIC: Hobbs

Oil - 3 Water - 16 Gas - 535

08/19/2005

08/20/2005

08/21/2005