

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

SUNDRY NOTICES AND REPORTS ON WELLS

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OCT 25 2007

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

OCD-ARTESIA

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

192463

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)

725 FSL 809 FWL SWSW(M) Sec 28 T24S R28E

5. Lease Serial No

NM-36975

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Mossberg Federal #1Y

9. API Well No

30-015-35533

10. Field and Pool, or Exploratory Area

Undsg. Malaga 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

- | | | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input checked="" type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input checked="" type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Completion</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input 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 recomple 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 recomple 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

OCT 22 2007

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

10/4/07

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.

Accepted for record - NMOCB

10/4/07

OXY Mossberg Fed-1

Date	Remarks
6/20/07	Set anchors. Clean and level location. MIRU Key Well Serv and Lucky Rev. Unit. NDWH. NU BOP. Test BOP, found bad closure unit. Change out closure unit. Rack and tally 427 joints of 2 3/8 L-80 tubing. RIH with 6 1/8 Varel bit - bit sub - 6 3 1/8 od drill collars - top sub on 33 joints 2 3/8 tubing.
6/21/07	Continue to RIH with 6 1/8 bit - 3 1/8 drill collars on tubing. Tag up at 8031' on 248 joints 2 3/8. CHC. Test liner top to 1000#. OK. Rig down swivel. POOH with tubing and collars. Change out bit. RIH with 3 3/4 Varel bit - bit sub - 6 3 1/8 drill collars - top sub on 270 joints 2 3/8 tubing to 8732'.
6/22/07	Continue to RIH with 3 3/4 od bit - bit sub - 6 3 1/8 drill collars - top sub on 400 joints 2 3/8 tubing. Tagged up at 12843'. Rig up reverse unit. Clean out to 12890'(float collar) Displace hole with 400 bbl 6% KCL water. Test casing to 1000#. Held. POOH Laying down 2 jts 2 3/8. Stand 200 stands in derrick. Lay down drill collars.
6/25/07	RIH with Baker dress off mill for liner top. Tag up on liner at 8031' on joint 254 Dress off liner top. POOH laying down 16 joints 2 3/8 tubing. Stand 384 joints in derrick. Rig up Baker Atlas WL trk. RIH with CBL tool. Pull CBL log from 12888'(by wireline) to liner top at 8032'(by wireline. 2nd pass held 1000# on casing. POOH with logging tool.
6/26/07	Rig up Baker Atlas. RIH with gamma ray and perf gun. Corrolate gun on depth and shoot the "Upper Morrow" formation from 12498' - 12318' (2 SPF 120degree phasing - 72 holes total) with 23 gram 311NT charges in 2 runs.(.36 EH - 26" pent.) Upper Morrow Perforation Interval 12318 - 12323 ft (MD) 12346 - 12355 ft (MD) 12382 - 12387 ft (MD) 12410 - 12414 ft (MD) 12486 - 12490 ft (MD) 12495 - 12498 ft (MD) POOH and RD Halliburton. RIH with Baker 4 1/2 Retrie a matic packer - 2 3/8 seating nipple on 386 jts 2 3/8 tubing. Set packer at 12228' in 14000# compression. Test packer to 1000#. Packer did not hold. Move packer up hole to 12196' and reset. Test packer to 1000#. Packer did not hold. Release packer and POOH with 385 joints 2 3/8 tubing - 2 3/8 s/n and packer. Secure Well. SD. RIH with Baker 4 1/2 Retrie a matic packer - 2 3/8 seating nipple on 386 jts 2 3/8 tubing. Set packer at 12228' in 14000# compression. Test packer to 1000#. Packer did not hold. Move packer up hole to 12196' and reset. Test packer to 1000#. Packer did not hold. Release packer and POOH with 385 joints 2 3/8 tubing - 2 3/8 s/n and packer.
6/27/07	Open well up with 900# SIP. Bleed off pressure. RIH with 2 3/8 WLEG - 1.81 F-nipple - 6' X 2 3/8 tubing sub - 4 1/2 Baker mechanical set Hornet packer - inverted on/off tool with 1.875 profile on 386 jts 2 3/8 tubing. Set packer at 12226' in 10,000# compression Rig up Halliburton. Acidize the "Morrow" formation using 4000 gal. 7 1/2% HCL acid: Dropping 100 7/8od 1.3 SG bioballs as diversion. Flush acid to bottom perf with 6% KCL water. ISIP = 2440#. 5 min = 2333#. 10 min. =2281#. 15 min = 2237. Close well in and RD Halliburton. Well Broke at 6449#. Max press = 6100#. Avg press. = 4550#. Max rate = 4.0 BPM. Avg. rate = 3.5 BPM. . Open well up to flow back tank on 24/64 choke @ 2100#. Flow well for 3 hours. Recovered 121 bbl. fluid. Well flowing at 70# thru wide open 2" valve at 5:00pm. Reduce flow to 24/64" choke. Flowing pressure went to 400# in 15 minutes.
6/28/07	Open well up with 4700# of shut in pressure. Install piping for MIT test. Test 9-5/8" X 7" annulus to 500#. Lost 10# in 30 minutes. Test witnessed by J.D. Whitlock. Flow tubing down to 200#. Pump 20 bbls of 6% followed by 100 bbls of 10# brine down tubing. Bleed pressure off of tubing. Open tubing to flow. Tubing started to flow back. Shut in tubing. Pressure went to 500# in 15 seconds. Open tubing back to flow. Recover 100 bbls in one hour. Well was flowing on a 24/64 choke @ 300# after one hour. Recover 100 bbls.
6/29/07	Open well up with 3800# of SITP. Blow well down to 0#. Pump 47 bbls 10# brine down tubing. SI tubing with 1250#. Blow down tubing. Recover 40 bbls of fluid. Tubing flowing @ 50# on a 24/64 choke. RIH W/ pulling tool. Latch onto plug. POOH. RIH W/ "FSG" plug. Set and test plug - OK.

Date	Remarks
6/30/07	<p>Finish setting FSG plug and test -OK</p> <p>bleed pressure</p> <p>bleed pressure</p> <p>Strip out of hole with 389 joints 2 3/8 tubing - 2 3/8 seating nipple - packer.</p> <p>Rig up Guardian casing saver. Rig up Halliburton. Frac Morrow Formation 12318' - 12498' W/ 27,163 gal of 40# gel, 60,000# of PROP-PREMIUM PLUS, and 210 tons of CO2 downhole. The average treating rate was 33.7 bpm and average WH pressure was 4733 psi. The total liquid load to recover is 27,162 gal. ISIP=3,455# 5 min=3,154# 10 min=3,081# 15 min=3,037#</p> <p>Secure Well. Rig down Halliburton and guardian. Turn well over to Weatherford flow back hand.</p>
7/2/07	Well flowing at 1500# pressure on 22/63 choke at 7:00 am. Pressure came up to 1600# at 8:00 and stayed there for 9 hours.
7/3/07	<p>Open well up with 4,500# of shut in pressure. Pull CO2 sample = 1%. Rig up Halliburton wireline.</p> <p>RIH W/gauge ring and tag @ 12,768'</p> <p>RIH W/ wireline entry guide, 1.78" nipple, 6' tubing sub, 4 1/2" Hornet packer, and 1.81" nipple with on/off tool.</p> <p>Top nipple at 12,238'</p> <p>RiG down Halliburton wireline. Blow casing down to 2500'</p>
7/5/07	<p>Open well up with 2800# of pressure</p> <p>Blow down casing.</p> <p>RIH W/ 387 joints of 2 3/8" L-80 tubing.</p> <p>Circ with 350 bbls of treated 6% KCL. Engage on/off tool. Test to 1000# -OK</p> <p>Tree up well</p>
7/6/07	<p>Rig up Schlumberger slick line. Pull 1.81 plug out of packer.</p> <p>Attempt to flow well between storms. Recover 48 bbls. of fluid. (Tubing capacity 47 bbl.) Initial tubing pressure 500#. Ending tubing pressure 4400#.</p>
7/9/07	RDPU