

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-33677
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator OXY USA WTP Limited Partnership		6. State Oil & Gas Lease No. B-10715
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250		7. Lease Name or Unit Agreement Name: OXY Cottontail State
4. Well Location Unit Letter <u>L</u> : <u>1470</u> feet from the <u>south</u> line and <u>750</u> feet from the <u>west</u> line Section <u>13</u> Township <u>18S</u> Range <u>27E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>3522'</u>		9. OGRID Number <u>192463</u>
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		10. Pool name or Wildcat Undsg. Red Lake Atoka-Morrow

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attachment

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE David Stewart TITLE Sr. Regulatory Analyst DATE 5/12/05

E-mail address:

Type or print name David Stewart

Telephone No. 432-685-5717

For State Use Only

FOR RECORDS ONLY

MAY 19 2005

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

OXY COTTONTAIL STATE #1

02/18/2005 CMIC: henrich

road unit & crew to loc., move in matting boards & pipe racks, spot & rig up, miru key reverse unit, nu 5k hyd. bop, unload, rack & tally 323 jts. 2 3/8" L-80 8 rnd. 4.7# prod. tbg., rih w/4 3/4" bit, 5.5" csg. scraper & 229 jts. 2 3/8" tbg., tag up @ 7459', ru power swivel, break circ., test csg. to 2500#(OK), push wiper plug to 7498', drill cmt. & wiper plug to 7502' in 40 min., chc, sisd! (will pooh w/csg. scraper in am)

02/19/2005 CMIC: henrich

0# sip, pooh w/230 jts. tbg., csg. scraper & bit, rih w/4 3/4" bit, 6 - 3 1/8" drill collars & 225 jts. 2 3/8" tbg., tag up @ 7502', ru power swivel, break circ., drill rest of wiper plug & dv tool in 41 min., chc, test csg. to 2500#(OK), rih w/89 jts. 2 3/8" tbg., tag up @ 10,405', pooh, lay down drill collars, rih w/4.800" od string mill & 104 jts. tbg. to 3408', sisd!

02/22/2005 CMIC: henrich

rih w/126 jts. 2 3/8" tbg., ru power swivel, dress dv tool @ 7502', rd swivel, rih w/89 jts. to 10,401', miru halliburton, pump 300 gals. xylene, 500 gals. of 7.5% pickle acid, displace to tank w/226 bbls. of 6% kcl containing clay stabilizers & pkr. fluid, test csg. to 2500#(OK), rd halliburton, pooh w/tbg. & string mill, load csg., sisd!

02/23/2005 CMIC: henrich

0# sip, miru baker atlas w/rih w/cbl tools, tag pbt @ 10,395', run cbl from 10,395' to 1500' w/0# csg. press., rerun log w/1000# csg. press., toc @ 1706', pooh, sisd!

02/24/2005 CMIC: henrich

rih w/4" tag guns loaded w/predator charges @ 2 spf, correlate to open hole log dated 02-03-05, perforate morrow formation as follows (9936' - 9946', 9956' - 9958', 9966' - 9970') (38 holes) no fl change or press., pooh, rd w/rih w/baker model M pkr. w/ on/off tool & 302 jts. 2 3/8" tbg., set pkr. @ 9833', test pkr. & csg. to 1500#(OK), ru swab, swab tbg. dry, no show of oil or gas, sisd!

02/25/2005 CMIC: henrich

sitp 900#, open well to tank on 20/64" choke, well bled down to 0# in 10 min., miru halliburton, acidize well w/2000 gals. of 7.5% kcl acid & 60 7/8" 1.3 spg frac balls, max. treating press. 5312#, avg. 5225#, avg. rate 3.9 bpm, isip 3485#, 5 min. 2809#, 10 min. 2535#, 15 min. 2288#, si, rd halliburton, sitp 1200#, open well to tank on 12/64" choke, well bled down to 0# in 2 min., ru swab, rec. 56 bw in 6 hrs., ifl surface, ffl 9500', sisd! (36 blwtr)

02/26/2005 CMIC: henrich

sitp 1600#, open well to tank on 15/64" choke, well bled down to 0# in 40 min., rec. 0 bf, ru swab, rec. 4 bw in 1 hr., ifl 7500' fs, ffl dry, rd swab, pmp. 25 bw down tbg., release pkr., rih w/8 jts. tbg. to knock balls off perfs., pooh w/tbg. & pkr., nd bop, nu 5 k frac valve, nu bop, sisd!

03/01/2005 CMIC: henrich

miru stinger, nu 5.5" isolation tool, miru halliburton, frac morrow formation as follows;

stage 1; pump 9030 gals. of 65.8% co2 foam pad, mtp 5298#, atp 4555#, air 28.0 bpm

stage 2; pump 1610 gals. of 67.1% co2 foam carrying 2800# of 18/40 mesh sand @ 0.5 ppg, mtp 5222#, atp 5118#, air 31.0 bpm

stage 3; pump 1914 gals. of 67.2% co2 foam carrying 5800# of sand @ 1.0 ppg, mtp 5115#, atp 4979#, air 30.4 bpm

stage 4; pump 2063 gals. of 68.1% co2 foam carrying 8500# of sand @ 1.5 ppg, mtp 4974#, atp 4910#, air 30.0 bpm

stage 5; pump 2379 gals. of 67.4% co2 foam carrying 12300# of sand @ 2.0 ppg, mtp 5120#, atp 5014#, air 29.9 bpm

stage 6; pump 2055 gals. of 66.6% co2 foam carrying 12200# of sand @ 2.5 ppg, mtp 5429#, atp 5290#, air 29.9 bpm

stage 7; pump 1258 gals. of 65.6% co2 foam carrying 7200# of sand @ 3.0 ppg, mtp 5540#, atp 5458#, air 29.7 bpm

stage 8; flush to top perf. w/4077 gals. of 53.6% co2 foam, mtp 6320#, atp 5891#, air 25.9 bpm isip 5296#, total sand 50,000#, (load 746 bw)

si, rd halliburton, nd csg. saver, sicp 4000#, open well to tank on 20/64" choke, rec. 37 bw in 17 hrs., ffcp 1450# on 18/64" choke, est. rate 3393.0 mcf/d, con't flow back! (742 tblwtr) (co2 100%)

OXY COTTONTAIL STATE #1

03/02/2005 CMIC: henrich

fcf 70# on f/o choke,rec.0 bo,199 bw in 24 hrs.,est. rate 1014.3 mcf,con't flow back.(co2 40%)(543 blwltr)

03/03/2005 CMIC: henrich

ffcp 55# on open flow thru 2" manifold valve,rec. 35 bw in 11 hrs.,est. rate 1639.0 mcf,sisd!(co2 @ 30%)(508 blwltr)

03/04/2005 CMIC: henrich

14 hr. sicp 2100#,miru baker atas w/rih w/4.6" gauge ring & junk basket,tag up on sand @ 10,259'(289' below bottom perf.)(pbt 10,395')pooh,rih w/prod. pkr. w/plug in place on w/set pkr. @ 9910',pooh,rd w/sicp 2300#.open well to tank on 20/64" choke,well bled down to 0# in 1 hr.,rih w/seal assy,inverted on/off tool & 2 3/8" prod. tbg.,space out,sisd!

03/05/2005 CMIC: henrich

0# sip,displace hole w/230 bbls. 6% kcl containing clay stabilizers & pkr. fluid,latch onto pkr.,land tbg. in 12 pts. comp.,nd bop,nu tree,test csg. to 1500#(OK),ru swab,swab tbg. down to 4900',rd swab,miru pro slickline truck,rih w/pulling tool,fish eq prong & pooh,redress tools & rih & fish plug,pooh,rd slickline,rig pulling unit down,sitp 1000#,open well to tank on 24/64" choke,rec. 5 bo,71 bw in 15 hrs.,fftp 545# on 20/64" choke,est. rate 1275.3 mcf,con't flowback.(co2 @ 20%)(437 blwltr)

1-2 3/8" wleg	-	.34
1-2 3/8" x 1.78"R" nipple	-	.82
1-2 3/8" L-80 pup jt.	-	6.20
1-2 3/8" x 1.81"F" nipple	-	.95
1-2 3/8" x 5.5" baker model DB pkr.	-	3.25
1-2 3/8" ebh anchor seal assy.	-	.52
1-2 3/8" L-80 pup jt.	-	2.06
1-2 3/8" x 1.875"F" x 4.5" inverted on/off tool	-	1.55
203-jts. 2 3/8" L-80 4.7# 8 rnd. tbg.	-	9844.57
3-2 3/8" L-80 pup jts.	-	12.24
1 jt.2 3/8" L-80 4.7# 8 rnd. tbg.	-	32.65
total	-	9905.15
kb	-	16.00
bottom of pipe	-	9921.15
1.78 @ 9919.99 1.81 @ 9912.84 pkr. @ 9909.59 1.87 @ 9905.46		

03/06/2005 CMIC: henrich

ftp 520# on 20/64" choke,rec. 7 bo,34.5 bw in 24 hrs.,est. rate 1216.8 mcf,con't flowback.(co2 @ 10%)(402.5 blwltr)

03/07/2005 CMIC: henrich

ftp 510# on 20/64" choke,rec. 5 bo,23.5 bw in 24 hrs.,est. rate 1193.4 mcf,con't flowback.(co2 @ 6%)(379 blwltr)

03/08/2005 CMIC: henrich

ftp 510# on 20/64" choke,rec. 5.5 bo,15 bw in 24 hrs.,est. rate 1193.4 mcf,con't flow back.(co2 @ 2%)(364 blwltr)

03/09/2005 CMIC: henrich

miru pro slickline truck,rih w/press. bombs @ 10:30 am mst. getting flowing gradients,set bombs on bottom @ 11:15 am mst.,pooh w/sl,con't flowing,ftp @ report time 500# on 20/64" choke,rec. 5.5 bo,24 bw in 24 hrs.,con't flowing.(co2 @ 1.5%)(340 blwltr)

03/10/2005 CMIC: henrich

fftp 500# on 20/64" choke,rec.3.5 bo,6.5 bw in 5 hrs.,est. rate 1170.0 mcf,shut well in for 100 hr. buildup,rig down & release choke manifold,sd.

03/15/2005 CMIC: henrich

miru pro slickline truck,rih & fish bottom hole press. bombs,pooh,rd,send gauges in to be down loaded,catch gas sample & send in to be tested,si,wait on sales line!

04/29/2005 CMIC: henrich

Brought on line 4-28-2005. 10:30 am - SITP-2820 FTP-2525 Rate-2075 Choke-12 LP - 553

04/30/2005 CMIC: henrich

Oil - 12 Water - 8 Gas - 866 WHP - 1735 Choke - 12/64

05/02/2005 CMIC: henrich

OIL - 18 WATER - 14 GAS - 1153 FTP - 1184 LP - 486 RATE - 1084 CHOKE - 12/64

05/03/2005 CMIC: henrich

OIL - 11 WATER - 6 GAS - 1078 FTP - 1162 LP - 482 RATE - 1033 CHOKE - 12/64

05/04/2005 CMIC: henrich

OIL - 16 WATER - 22 GAS - 1016 FTP - 1126 LP - 485 RATE - 1035 CHOKE - 12/64

05/05/2005 CMIC: henrich

Oil - 15 Water - 12 Gas - 1010 Rate - 467 LP - 1083 FTP - 987 Choke - 18/64

05/06/2005 CMIC: henrich

Oil - 32 Water - 18 Gas - 1138 Rate - 482 LP - 607 FTP - 1114 Choke - 18/64

05/07/2005 CMIC: henrich

OIL - 8 WATER - 3 GAS - 1135 FTP - 596 LP - 494 RATE - 1126 CHOKE - 18/64

05/08/2005 CMIC: henrich

OIL - 6 WATER - 8 GAS - 1093 FTP - 587 LP - 490 RATE - 1042 CHOKE - 18/64

05/09/2005 CMIC: henrich

OIL - 20 WATER - 20 GAS - 1058 FTP - 573 LP - 480 RATE - 1036 CHOKE - 18/64

05/10/2005 CMIC: henrich

OIL - 26 WATER - 25 GAS - 1025 FTP - 569 LP - 485 RATE - 1020 CHOKE - 18/64