

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. 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)

915-685-5717

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

1980 FNL 860 FEL SENE(H) Sec 19 T17S R31E

5. Lease Serial No.

LC-029395A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

OXY Cherry Vanilla #1
Federal

9. API Well No.

30-015-32463

10. Field and Pool, or Exploratory Area

Cedar Lake Morrow, North

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 | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other <u>Completion</u> |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Convert to Injection | ☐ Plug Back | ☐ 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 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 OTHER SIDE AND ATTACHED

ACCEPTED FOR RECORD

MAY 19 2003

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

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 CHERRY VANILLA FEDERAL NO. 1

12/21/2002 CMIC: gary henrich

set tie down anchors, miru baker atlas w/rih w/cbl tools, tag up @ 11,674', pressure csg. to 2500#, run cmt. bond log from 11,674' to 6200', found top of cmt. @ 6414', bleed csg. down, pooh, rd w/rih, move in matting boards & pipe racks, miru pulling unit, nu 5K hyd. bop, sisd!

12/22/2002 CMIC: gary henrich

unload, rack & tally 363 jts. 2 3/8" L-80 tbgs., riw w/4 3/4" bit, 5 1/2" csg. scraper & 362 jts. 2 3/8" tbgs., tag up @ 11,705', pu to 11,684', ru bj services, pump 300 gals. xylene & 500 gals. 15% hcl pickle acid down tbgs. & displace to pit w/280 bbls. 3% kcl containing clay stabilizers & pkr. fluid, test csg. to 2500#(OK), rd bj, sisd!

12/24/2002 CMIC: gary henrich

pooh w/2 3/8" tbgs., csg. scraper & bit, ru baker atlas w/rih w/4" tag guns loaded w/predator charges @ 4 spf, perforate morrow formation from 11,229'-11,236'(29 holes) no sign of gas or fluid level change, pooh, rd w/rih w/production pkr. & 2 3/8" tbgs., set pkr. @ 11,150' & test to 1500#(OK) nd bop, nu tree, sisd!

1-2 3/8" wleg	-	.41
1-2 3/8"x 1.81"F nipple	-	.98
1-2 3/8"N-80 pup jt.	-	4.11
1-2 3/8"x 5 1/2" model M reliant pkr.	-	6.34
1-2 3/8"x 1.87"F x 4 1/2" on/off tool	-	2.31
344-jts. 2 3/8"L-80 8 rnd. tbgs.	-	11,128.88
total	-	11,143.03
kb	-	19.00
bottom of pipe	-	11,162.03
1.81 @ 11,160.64 pkr. @ 11,150.19 1.87 @ 11,147.88		

12/25/2002 CMIC: gary henrich

0# sitp, nu tree saver, ru bj services, acidize well w/1500 gals. 7.5% hcl acid containing 30% methanol & 1000 scf per bbl. n2 & 24 ball sealers as follows, pump 3 bbls. acid, 20,000 scf n2 pad & 33 bbls. acid comingled w/1000 scf n2 per bbl., flush to top perf. w/3% kcl containing clay stabilizers & pkr. fluid comingled w/1000 scf n2 per bbl., formation broke @ 7840#, minimum treating pressure 5070#, max. 8394#, aver. 7900#, aver. inj. rate 3.5 bpm total rate, isdp 6200#, 5 min. 6149#, 10 min. 6076#, 15 min. 6033#, bleed well down to 3830#, rd bj, nd tree saver, sitp 4700#, open well to pit on 8/64" choke, rec. 9 bw in 3 hrs. & well died, ru swab, rec. 3 bw in 1 hr., ifl 8000'fs, ffl dry, had 6' flare @ end of day, sisd!

12/27/2002 CMIC: gary henrich

38 hr. sitp 2850#, open well to pit on 12/64" choke, rec. 0 fluid in 30 min. & well died down to 25#, load tbgs. w/48 bw, nd tree, nu 5k manual frac valve & 5k hyd. bop, release pkr. & pooh w/2 3/8" tbgs. & pkr., sisd!

12/28/2002 CMIC: gary henrich

sicp 650#, nu csg. saver, ru bj services, frac well as follows, pump 107 bbls. 70 Q co2 foam pad, 99 bbls. 70Q co2 foam carrying 12,326# of sintered bauxite 20/40 mesh sand, flush to bottom perf w/261 bbls. of treating fluid, minimum treating pressure 6269#, max. 7000#, aver. 6931#, aver. rate 12.3, isdp 6040#, 5 min. 5349#, 10 min. 5164#, 15 min. 5053#, open well to pit & bleed down to 4100#, si, rd bj, nd csg. saver, sicp 4270#, open well to pit on 18/64" choke, rec. 152 bw in 20 hrs., ffcip 12# on f/o choke, est. rate 180 mcfd, con't flow back! (176 blwltr)(co2 15%)

12/29/2002 CMIC: gary henrich

fcip 110# on 32/64" choke, rec. 1 bo, 10 bw in 24 hrs., est. rate 1600 mcfd, con't flow back. (166 blwltr)(12%co2)

12/30/2002 CMIC: gary henrich

fcip 40# on f/o choke, rec. 7 bo, 100 bw in 24 hrs., est. rate 580 mcfd, will tag td this am. (66 blwltr)(10%co2)

12/31/2002 CMIC: gary henrich

fcip 30# on f/o choke, ru baker atlas w/rih w/junk basket & 4.750" gauge ring, tag up @ 11,156', pooh, rd w/rih, load csg. w/130 bbls. 3% kcl, riw w/4 3/4" bit & 306 jts. 2 3/8" tbgs. to 9922' & well started kicking, shut well in, plumb up to pit, sitp 950#, open well to pit on 18/64" choke, rec. 17 bo, 129 bw in 17 hrs., fftp 15# on f/o choke, had good trace of sand throughout night, will kill well this am & clean out to td!

01/01/2003 CMIC: gary henrich

ftp 30# on f/o choke, pump 240 bbls. 3% kcl down csg. to kill well, well would not die, displace hole w/240 bbls. 10# brine, rih & tag up @ 11,192', ru power swivel, break circ., clean out sand from 11,192' to 11,202' & hit metal & quit macking hole, bit jumping & torquing, drill on metal for 40 mins. w/no progress, getting returns of metal & cmt. back, chc, pooh to 10,830', sisd!

01/03/2003 CMIC: gary henrich

sicp 100#, sitp 400#, bleed well down, rih & tag @ 11,202', break circ., circ. bottoms up twice, pooh w/tbg. & bit, rih w/4 1/2" impression block, 1-4' x 2 3/8" perf. sub & 2 jts. 2 3/8" tbg. on sandline, tag up @ 11,202', pooh, block showed impression of collapsed csg., sisd!

01/04/2003 CMIC: gary henrich

0# sip, rih w/3 7/8" bit & 346 jts. 2 3/8" tbg., tag up @ 11,202', ru power swivel, break circ., clean out sand, cmt. & formation to 11,212' & bit started jumping & torquing, drill on metal for 30 mins., could not make any more hole, chc, had metal in returns, pooh w/tbg. & bit, sisd!

01/07/2003 CMIC: gary henrich

sip 0#, nd bop & frac valve, nu bop, sisd due to high winds!

01/08/2003 CMIC: gary henrich

0# sip, rih w/production pkr. & 2 3/8" tbg., set pkr. @ 11,150', test pkr. & csg. to 1500# (OK), nd bop, nu tree, ru swab, rec. 2 bo, 40 bw in 6 hrs., ifl 1400', ffl dry, well swabbed dry in 3 hrs., made 1 run per hr. rest of hr., had no fluid entry, had 12' to 15' flare, rd swab, sisd!

01/09/2003 CMIC: gary henrich

14 hr. sitp 2500#, 0# on csg., open well to pit on 9/64" choke, try to hold 1000 mcf/d rate, well bled down to 40# in 4 hrs., rec. 3 bw, ru swab, rec. 2 bo, 14 bw in 5 hrs., ifl scattered from 9300' fs to pkr., ffl same, had 12' to 15' flare, rd swab, miru pro well testers 250,000 btu test unit, turn well over to pro, pinch well in to let tbg. pressure build, set back press. @ 250#, rec. 0 bo, 0 bw in 9.5 hrs., ftp 250# on f/o choke, 250# bp, rate 200 mcf/d, con't flow testing.

01/10/2003 CMIC: gary henrich

rig unit down, clean loc., move off loc., ftp 300# on 16/64" choke, rec. 3.5 bo, 6.5 bw in 21.5 hrs., 250# bp, rate 324 mcf/d, con't flow testing.

01/11/2003 CMIC: gary henrich

ftp 250# on 20/64" choke, bp 250#, rec. 10 bo, 7 bw in 24 hrs., rate 343.1 mcf/d, con't flow testing

01/12/2003 CMIC: gary henrich

ftp 250# on 20/64" choke, bp 250#, rec. 10 bo, 6 bw in 24 hrs., rate 342.6 mcf/d, con't flow testing!

01/13/2003 CMIC: gary henrich

ftp 250# on 20/64" choke, 250# bp, rec. 10 bo, 6 bw in 24 hrs., 343.1 mcf/d, con't flow testing!

01/14/2003 CMIC: gary henrich

catch gas sample, si, rig down & release all rental equip., waiting on pipeline & facilities.

TEMPORARILY DROPPING FROM REPORTS

03/07/2003 CMIC: gary henrich

Went on line 03/06/2003 @ 11:30 am.

Gas - 240 Oil - 10 Water - 0 FTP - 1137 LP - 48 Rate - 415 Choke - 9/64

03/08/2003 CMIC: gary henrich

Gas - 240 Oil - 10 Water - 0 FTP - 1137 LP - 48 Rate - 415 Choke - 9/64

03/09/2003 CMIC: gary henrich

Gas - 340 Oil - 22 Water - 0 FTP - 1254 LP - 42 Rate - 333 Choke - 9/64

03/10/2003 CMIC: gary henrich

Gas - 349 Oil - 15 Water - 7 FTP - 1217 LP - 44 Rate - 407 Choke - 9/64

03/11/2003 CMIC: gary henrich

Gas - 382 Oil - 16 Water - 4 FTP - 1165 LP - 45 Rate - 415 Choke - 9/64

03/12/2003 CMIC: gary henrich

Gas - 398 Oil - 12 Water - 3 FTP - 1132 LP - 47 Rate - 438 Choke - 9/64

03/13/2003 CMIC: gary henrich

Gas - 398 Oil - 18 Water - 4 FTP - 966 LP - 50 Rate - 475 Choke - 9/64

03/14/2003 CMIC: gary henrich

Gas - 421 Oil - 22 Water - 2 FTP - 1071 LP - 45 Rate - 404 Choke - 9/64

03/15/2003 CMIC: gary henrich

Gas - 426 Oil - 12 Water - 2 FTP - 1026 LP - 52 Rate - 504 Choke - 9/64

03/16/2003 CMIC: gary henrich

Gas - 432 Oil - 18 Water - 2 FTP - 1092 LP - 47 Rate - 450 Choke - 9/64

03/17/2003 CMIC: gary henrich

Gas - 432 Oil - 10 Water - 2 FTP - 1078 LP - 44 Rate - 377 Choke - 9/64

03/18/2003 CMIC: gary henrich

Gas - 114 Oil - 6 Water - 2 FTP - 2622 LP - 24 Rate - 400 Choke - 7/64

03/19/2003 CMIC: gary henrich

Gas - 319 Oil - 14 Water - 3 FTP - 1220 LP - 46 Rate - 394 Choke - 7/64

03/20/2003 CMIC: gary henrich

Gas - 409 Oil - 10 Water - 2 FTP - 1240 LP - 45 Rate - 389 Choke - 7/64

03/21/2003 CMIC: gary henrich

Gas - 384 Oil - 14 Water - 2 FTP - 1312 LP - 43 Rate - 362 Choke - 7/64

03/23/2003 CMIC: gary henrich

Gas - 481 Oil - 18 Water - 10 FTP - 884 LP - 49 Rate - 486 Choke - 11/64

03/24/2003 CMIC: gary henrich

Gas - 479 Oil - 20 Water - 2 FTP - 909 LP - 47 Rate - 443 Choke - 11/64

03/25/2003 CMIC: gary henrich

Gas - 470 Oil - 15 Water - 0 FTP - 951 LP - 48 Rate - 464 Choke - 11/64

Final report.

BUREAU OF LAND MANAGEMENT
HOSKINS OFFICE

2003 MAY 19 AM 7:54

RECEIVED