

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

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-07755
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Warren McKee Unit
8. Well Number 461
9. OGRID Number 192463
10. Pool name or Wildcat Warren McKee

**Received**  
Hobbs  
OCD

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.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator OXY USA WTP Limited Partnership
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	4. Well Location Unit Letter <u>N</u> : <u>990</u> feet from the <u>south</u> line and <u>2310</u> feet from the <u>west</u> line Section <u>7</u> Township <u>20S</u> Range <u>38E</u> NMPM County <u>Lea</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3563'	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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 _____	

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: ☐

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

Approved as to plugging of the Well Bore.  
Liability under bond is retained until  
surface restoration is completed.

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 11/3/07

Type or print name David Stewart

E-mail address:

Telephone No. 432-685-5717

For State Use Only

OCD FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY Gay W. Wink TITLE \_\_\_\_\_ DATE JAN 10 2007

Conditions of Approval, if any

**WARREN MCKEE UNIT 401**



**11/28/2006** CMIC: Ed Bowley

Drive rig & crew to location. HTGSM. RUPU. NDWH, install BOP. SWI & SDON.

**11/29/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. Rig up floor & tongs. TIH w/4.75" bit, 6-3.5" drill collars. Pick-up 103 jts of 2.875 workstring, tag cement @ 3560'. RU Swivel & stripper. Drill out 7' of cement & tagged retainer. Drill Out retainer to 3568. Circulate well clean. SWI & SDON.

**11/30/2006** CMIC: Ed Bowley

DCTL (icy roads this AM). Well dead this AM. Rig up power swivel & break circulation. Continue drilling cement retainer from 3568 to 3569. Drill cement from 3569 to 3723. Circulate well clean. SWI & SDON.

**12/01/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. RU power swivel. Drill cement from 3723 to 3975. Circulate well clean, lay down power swivel. SWI & SDON.

**12/02/2006** CMIC: Ed Bowley

DCTL. HTGSM. Tag cement @ 3975, RU power swivel. Drill cement from 3975 to 4249, made 8 connections. Circulate well clean. Change out hydraulic pump on pulling unit. SWI & SDON.

**12/04/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. RU power swivel. Drill cement from 4249 to 4343. Circulate hole clean. RD power swivel, take off stripper. POOH w/132 jts of 2.875 tbg, stand back drill collars, lay down worn bit. TIH w/4.75" blade bit with corners cut off, on 132 jts of 2.875 tbg. Tag cement @ 4343, RU power swivel, install stripper. Drill cement from 4343 to 4374. Circulate well clean. SWI & SDON.

**12/05/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. RU power swivel. Drill cement from 4374 to 4625. Circulate well clean. Lay down power swivel. SWI & SDON.

**12/06/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. RU power swivel, continue drilling cement from 4625 to 4939. Circulate well clean. RD power swivel. SWI & SDON.

**12/07/2006** CMIC: Ed Bowley

DCTL. HTGSM on rigging up power swivel. Drill cement from 4,939' to 4,944'. Unable to make further progress. CHC. POOH w/Tbg & BHA. Change out 4-3/4" Blade Bit w/4-3/4" RB. RIH w/BHA & 151 Jts tag @ 4,944'. Ru power swivel. Establish reverse circulation w/FW & Dril out cement from 4944' to 5,032'. CHC. SWI & SDN.

**12/08/2006** CMIC: Ed Bowley

DCTL. HTGSM. RU power swivel. Drill bad casing & cement from 5032 to 5092, could not make any more hole. Circulate well clean. Lay down power swivel. POOH w/tbg, collars & bit. SWI & SDOWE.

**12/11/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well on vacuum this AM. TIH w/4.75" tapered mill, 6-3.5" drill collars, on 152 joints of 2.875 tbg. Tag @ 4915, mill from 4915 to 4920 & fell out. Continue in hole & tag again @ 5885. Mill from 5885 to 5110. Circulate well clean, pull above tight spor to 5850'. SWI & SDON.

**12/12/2006** CMIC: Ed Bowley

DCTL. HTGSM. RU power swivel. Tag @ 5110, break circulation. Mill metal, cement, & iron sulfide from 5110 to 5128. Circulate well clean. RD power swivel. SWI & SDON.

**12/13/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well on slight vacuum this AM. RU power swivel, break circulation. Mill from 5128 to 5141, well went on vacuum & ran out of water before truck arrived on loction. Fill reverse pit with water. Break circulation, continue miling from 5141 to 5161 & fell out on 158 jts. Circulate well clean. RD power swivel, take off stripper. TIH to 6484. Pull up to 4872 & tbg was plugged. SWI & SDON.

**12/14/2006** CMIC: Ed Bowley

DCTL. HTGSM. POOH w/4 stands & fluid was standing in tbg. Make 4 swab runs. Continue POOH w/2.875 workstring. Lay down 4.75" mill & 6-3.5" drill collars. Mill had pieces of casing in it. TIH w/2.875 perforated sub on 271 joints of 2.875 tbg & tagged up on something @ 8530. Called NMOCD & they asked to attempt to clean out to CIBP @ 9050. POOH w/224 joints of 2.875 tbg. SWI & SDON.

**12/15/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. Continue POOH w/2.875 tbg & perforated sub. TIH w/4.75" bit & bit sub on 167 jts of 2.875 tbg & tag up @ 5236. Turn bit & could not work through tight spot. POOH w/2.875 tbg & bit. TIH w/4.75" tapered mill on 176 jts of 2.875 tbg & tag @ 5232. RU swivel & stripper. Mill from from 5232 to 5260 & fell out. TIH to 5321. RD swivel & stripper. Pull tools above tight spot. SWI & SDOWE.

**12/18/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. TIH w/4.75" mill on total of 167 jts of 2.875 tbg & tag up @ 5232. RU power swivel, break circulation w/110 bbls of fresh water. Mill from 5232 to 5280. Circulate well clean. RD power swivel. Continue in hole w/mill & tag up @ 8465'. RU power swivel, break circulation. Mill from 8465 to 8562. Mill started jumping (milling on junk), pull up 2' & circulate well clean. Talked to NMOC & was given permission to sport 100' cement plug from 8562 to 8462. Pull out of hole w/mill. SWI & SDON.

**12/19/2006** CMIC: Ed Bowley

Attend Oxy monthly safety meeting. DCTL. HTGSM. Well dead this AM. TIH w/2.875 X 4' perforated sub, 169 jts of 2.875 tbg to 5300 & tagged up on bad casing. Work tbg for 1.5 hrs & could get no further than 5310'. POOH w/tbg & perf sub. Wait on mill for 1.25 hrs. Found out mill will not arrive for another 2 hrs. SWI & SDON.

**12/20/2006** CMIC: Ed Bowley

DCTL. HTGSM. Wait for ice to thaw in derick 2.5 hrs. TIH w/4.25" tapered mill, XO, on 168 jts of 2.875 tbg. Tag up @ 5291. RU swivel, install stripper. Break circulation w/fresh water, mill from 5291 to 5322 & fell out. TIH to 5480 on total of 174 jts. Shut down due to windy conditions. SWI & SDON.

**12/21/2006** CMIC: Ed Bowley

DCTL. HTGSM. Well dead this AM. Continue in hole w/4.25" mill to 8561 on 272 jts of 2.875 tbg. Wait on Triple N cement equipment 5.5 hrs. Break circulation w/reverse unit. RU Triple N Cement equipment. Pump 150 bbls of brine gel, balance spot 25 sks of Class Cement from 8562 to 8462. Pull 70 jts of 2.875 tbg to 6401. Pump down tbg to make sure mill was clear. SWI & SDON.

**12/22/2006** CMIC: Ed Bowley

DCTL. HTGSM. TIH & tag cement @ 8262 on 262 jts of 2.875 tbg & mill. Lay down 45 jts of 2.875 tbg. balance spot 25 sks of cement from 6898 to 6798. Lay down 16 jts of 2.875 tbg. Balance spot 25 sks of cement from 6395 to 6295. Lay down 39 jts of 2.875 tbg. Balance spot 50 sks of cement from 5165 to 4965. POOH & lay down mill. TIH w/2.875 x 4' perforated sub on 134 jts of 2.875 tbg. Take off BOP, NUWH. RDPU. Move rig off location. Will move plugging rig in 12-26-06.

**12/23/2006** CMIC: Ed Bowley

Shut down for holiday weekend.

**12/26/2006** CMIC: Ed Bowley

NMOC, Maxie Brown, on location. Set steel rig mat, RU Triple N rig #22. NU BOP. RU wireline and RIH, tagged cmt @ 4,965', POOH w/ wireline. RIH w/ packer to 3,829'. RIH w/ wireline and perforated casing @ 4,200', POOH w/ wireline. Loaded hole, set packer, unable to establish rate into perforations at 2,000 psi, lost 200 psi in 5 minutes. RIH w/ tubing to 4,248' and pumped 25 sx C cmt w/ 2% CaCl<sub>2</sub> @ 4,248'. POOH w/ tubing. WOC and RIH w/ wireline, tagged cmt @ 4,030', PUH and cut 5½" casing @ 3,857'. POOH w/ wireline. RIH w/ packer to 630'. Loaded hole, set packer, unable to pump into cut @ 1,850 psi. POOH w/ packer and RIH w/ tubing to 3,902'. Pumped 25 sx C cmt 3,902'. POOH w/ tubing, SDFN.

**12/27/2006** CMIC: Ed Bowley

NMOC Buddy Hill on location. RIH w/ wireline and tagged cmt @ 3,535'. PUH and cut 5½" casing @ 2,514', POOH w/ wireline. ND BOP & wellhead, speared casing. Stuck in wellhead. Shot wellhead w/ primer cord, pulled slips, casing free. RU casing tools and POOH w/ 65 jts 17# R3 LT&C 5½" casing. RD casing tools, NU wellhead and BOP, and RIH w/ tubing to 2,580'. RU cementer and cleared tubing, pumped 50 sx C cmt @ 2,580'. POOH w/ tubing and SDFN.

**12/28/2006** CMIC: Ed Bowley

Notified NMOC, Buddy Hill. RIH w/ wireline, tagged cmt @ 2,335'. PUH and perforated 8-5/8 casing @ 1,500', POOH w/ wireline. ND BOP and RIH w/ 8-5/8 AD-1 packer to 1,260'. Loaded hole, set packer, unable to establish rate at 900 psi. POOH w/ packer. Called NMOC, ok'd balanced plug. RIH w/ tubing to 1,573' and pumped 50 sx C cmt w/ 2% CaCl<sub>2</sub> @ 1,573'. POOH w/ tubing and WOC 2½ hrs. RIH w/ wireline, tagged cmt @ 1,415'. Tag ok'd per Buddy Hill. PUH and perforated 8-5/8 casing @ 345', POOH w/ wireline. ND BOP and RIH w/ 8-5/8 AD-1 packer to 160'. Loaded hole, set packer, established rate of 1 BPM @ 0 psi with circulation in 8-5/8 x 13-3/8. Squeezed 100 sx C cmt w/ 2% CaCl<sub>2</sub> @ 345'. WOC 2½ hrs and POOH w/ packer. RIH w/ wireline, tagged cmt @ 220'. POOH w/ wireline. Pumped 30 sx C cmt 100' to surface. RDMO.