

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
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

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. 30-025-36597
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator PATTERSON PETROLEUM LP		6. State Oil & Gas Lease No.
3. Address of Operator P.O. DRAWER 1416 SNYDER, TX 79550		7. Lease Name or Unit Agreement Name J. F. COOPER "19" STATE
4. Well Location Unit Letter <u>1</u> : <u>900</u> feet from the <u>NORTH</u> line and <u>804</u> feet from the <u>WEST</u> line Section <u>19</u> Township <u>17-S</u> Range <u>33-E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4112' GR		9. OGRID Number <u>141928</u>
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 _____		
10. Pool name or Wildcat WILDCAT; 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 COMPL ☐

OTHER: ☐

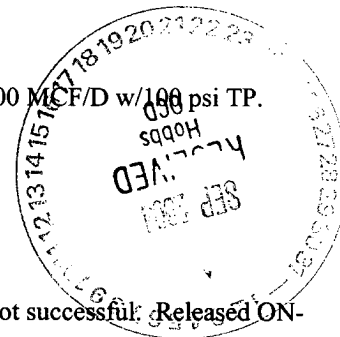
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/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.

05/24/04 Moved in Pool Unit #1106. NUBOP. Ran 4-3/4" bit & drilled out DV Tool @7000'. Tested to 2000 psi.
05/25/04 Ran tubing & bit to 13,592'. Circulated well w/brine water. POOH w/tubing. Ran GR/CBL/CCL. Top of cement @3700'.
05/26/04 Perforated Morrow (13,466-70'), (13,535-40') & (13,553-63') w/casing gun, 4 spf. Ran packer in hole to 4150'. Hit tight spot in casing.
05/27/04 Milled out tight spot in casing @4150' w/4-3/4" string mill. Ran 5 1/2" Arrowset packer to 13,400'.
05/28/04 Set packer @13,368'. NDBOP. NU tree. Swabbed down tubing to 13,300'. Weak gas blow. Acidized perms (13,466-13,563') w/3000 gals of Claysafe H + 100 ball sealers.
05/29/04 Flowed & swabbed back 90 bbls load water. Had a steady weak gas blow. SWIFN.
05/30/04 SITP - 1200 psi. Flowed back 10 bbls load water. Making a steady 90 MCF/D. SWIFN.
06/01/04 SITP - 300 psi. Flowed & swabbed 11 bbls load water. Turned well through test separator @100 MCF/D w/100 psi TP.
06/02/04 Flow testing to flare. 142 MCF FTP - 100 psi.
06/03/04 Flow test 132 MCF FTP - 100 psi.
06/04/04 Flow test 152 MCF FTP - 100 psi
06/05/04 Shut well in for 72 hour pressure buildup
06/09/04 SITP - 3270 psi. BHP = 6138 psi. Left well shut in to wait on pipeline & frac job.
08/16/04 SITP - 3850 psi. Flowed well down overnight.
08/17/04 Gas rate - 160 MCF/D. Killed tubing w/brine water. NUBOP. Attempted to release packer. Not successful. Released ON-OFF Tool.
08/18/04 Pulled tubing. Ran overshot, drill collars, jars & bumper sub to 4135'. Hit tight spot in casing, could not go down.
08/19/04 Ran 4-3/8" overshot to 13,300'.
08/20/04 Jarred packer loose @13,375'. POOH w/packer. Ran in the hole with tubing to 4130'.
08/21/04 Ran downhole video camera in well to look at tight spot in casing. Could not see any extensive damage or restricted I.D.
08/23/04 POOH w/tubing. NU 7-1/16" 10K frac valve. Tested to 7000 psi.
08/25/04 Rigged up casing saver & Schlumberger frac equipment. Frac well down 5 1/2" casing w/62,764 gals of 65 quality CO2 YF835 Foam & 45,600 lbs of 20/40 bauxite. Avg Rate = 28 BPM. Avg Psi = 7709 psi. Total load = 891 bbls. Rigged down Schlumber. NU flowback manifold. Flowed well overnight to tank.



08/26/04 Recovered 334 bbls load water. CP = 120 psi. Rigged up wireline. Ran 4.60" gauge ring to 4113', would not go through tight spot. Ran 5 1/2" Arrowset packer w/4.57" O.D., still would not go. Pumped 30 bbls brine water down casing to kill well, ND frac valve. NUBOP! RIH w/tubing to 13,350'. Left casing open to tank.
08/27/04 CP - 30 psi. Made 67 bbls load water. Ran tubing to 13,438'. NDBOP. NUWH. Shut in casing. TP = 200 psi. Left tubing flowing to tank.
08/28/04 TP - 200 psi, CP - 450 psi. Flowed 18 bbls fluid in 17 hrs. Turned well into test separator. Rate - 900 MCF/D. Opened gas down Duke line. Rigged down pulling unit.
08/29/04 TP - 150 psi, CP - 550 psi. Gas rate - 980 MCF/D. 21 bbls fluid, 50% oil.
08/31/04 TP - 150 psi, CP - 500 psi. Gas rate - 1080 MCF/D. 15 BO & 5 BW.

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  TITLE ENGINEER DATE 09/02/04

Type or print name NOLAN VON ROEDER
For State Use Only

E-mail address: ~~nolan.vonroeder@patenergy.com~~ vonroedern@patenergy.com Telephone No. 325/573-1938

APPROVED BY:  TITLE PETROLEUM ENGINEER DATE SEP 24 2004

Conditions of Approval (if any):