

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

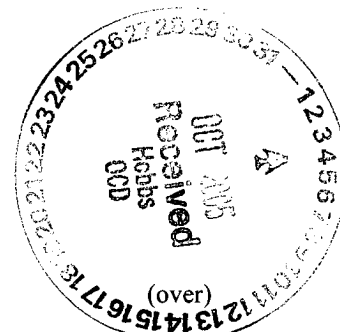
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-37291
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" 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. 34851
3. Address of Operator P.O. DRAWER 1416 SNYDER, TX 79550		7. Lease Name or Unit Agreement Name NATHANIEL 29 STATE
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>990</u> feet from the <u>WEST</u> line Section <u>29</u> Township <u>17-S</u> Range <u>34-E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4085'		9. OGRID Number <u>141928</u>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat VACUUM; MORROW (GAS)
Pit type <u>Synthetic</u> Depth to Groundwater <u>135'</u> Distance from nearest fresh water well <u>4000'</u> Distance from nearest surface water <u>None</u>		
Pit Liner Thickness: <u>12</u> mil Below-Grade Tank: Volume <u>15000</u> bbls; Construction Material <u>Synthetic</u>		

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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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.

07/28/05 Moved in & rigged up.  
07/29/05 425' - Drilled, surveyed & started running casing. Spudded well @4:00 p.m. 07/28/05. (Bit #1 - <sup>12.5</sup>12 7/8")  
07/30/05 425' - Finished running 10 jts of 12 3/8" 48# H40 STC casing (set @425'). Cemented w/500 sx class "C" w/2% CCL + 1/4#/sk flocele. Circulated 170 sx to pit. Plug down @8:00 a.m. 07/30/05. Waited on cement.  
07/31/05 1460' - Drilled & surveyed. Bit #2 (12 1/4")  
08/01/05 2170' - Drilled & surveyed.  
08/02/05 2827' - Drilled & surveyed.  
08/03/05 3210' - Drilled, surveyed & trip for bit #3 (12 1/4")  
08/04/05 3656' - Drilled & surveyed.  
08/05/05 4175' - Drilled & surveyed.  
08/06/05 4370' - Drilled & trip for bit #4 (12 1/4").  
08/07/05 4560' - Drilled & surveyed.  
08/08/05 4765' - Drilled.



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 Nolan von Roeder TITLE Engineer DATE 09/28/05

Type or print name Nolan von Roeder  
**For State Use Only**

E-mail address:

Telephone No. 325-573-1938

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE OCT 12 2005  
Conditions of Approval (if any):

08/09/05 4800' - Drilled, surveyed & ran 110 jts 9-5/8" casing w/10 centralizers. KB setting depth - 4800'. Cemented w/2200 sx Halliburton Lite w/5% salt + 1/4 #sk flocele & 250 sx Premium Plus w/1% CaCl. Circulated 300 sx to reserve pit.

08/10/05 4800' - Plug down @5:01 a.m. 08/10/05. Waiting on cement.

08/11/05 5143' - Drilled cement, float & collar and drilled. Bit #5 (8-3/4").

08/12/05 5745' - Drilled & surveyed.

08/13/05 6185' - Drilled & surveyed.

08/14/05 6727' - Drilled & surveyed.

08/15/05 7160' - Drilled & surveyed.

08/16/05 7595' - Drilled & surveyed.

08/17/05 7772' - Drilled & trip for bit #6 (8-3/4").

08/18/05 8241' - Drilled & surveyed.

08/19/05 8700' - Drilled & surveyed.

08/20/05 9151' - Drilled & surveyed.

08/21/05 9545' - Drilled & surveyed.

08/22/05 9632' - Drilled & trip for bit #7 (8-3/4")

08/23/05 10,078' - Drilled & surveyed.

08/24/05 10,505' - Drilled & surveyed.

08/25/05 10,560' - Drilled & DST #1 (10,490' - 10,560')

08/26/05 10,725' - Finished DST & drilled (bit #8 - 8-3/4")

08/27/05 11,092' - Drilled & surveyed.

08/28/05 11,092' - DST #2.

08/29/05 11,092' - Finished DST #2 (11,029' - 11,056').

08/30/05 11,279' - Drilled & surveyed.

08/31/05 11,438' - Drilled.

09/01/05 11,642' - Drilled.

09/02/05 11,705' - Drilled & trip for bit #9 (8-3/4")

09/03/05 11,840' - Drilled.

09/04/05 11,990' - Drilled & surveyed.

09/05/05 12,110' - Drilled & surveyed.

09/06/05 12,240' - Drilled.

09/07/05 12,376' - Drilled & surveyed.

09/08/05 12,530' - Drilled.

09/09/05 12,680' - Drilled.

09/10/05 12,740' - Drilled surveyed & trip for bit #10 (8-3/4")

09/11/05 12,900' - Drilled.

09/12/05 13,042' - Drilled.

09/13/05 13,131' - Drilled, slope test & trip in hole for bit #11 (8-3/4")

09/14/05 13,266' - Trip out of hole & drilled.

09/15/05 13,368' - Drilled.

09/16/05 13,477' - Drilled.

09/17/05 13,595' - Drilled.

09/18/05 13,630' - Logging

09/19/05 13,630' - Finished logging (logger's TD @13,635').

09/20/05 13,630' - Spotted 60 sacks class "H" cement @13,600' for a 100' plug. Pulled up to 11,400' to circulate.

09/21/05 13,630' - Circulating - waiting on casing.

09/22/05 13,630' - Circulating & laid down drill pipe.

09/23/05 13,630' - Ran 253 jts of 5 1/2" P110 LTC casing w/25 centralizers & 22 turbolizers. KB setting depth - 11,394.19'. Cemented w/400 sx HLH + 5% salt + 3/10% HR-7 retarder & 300 sx HSH w/.5% Lap 1 + .4% dispersant + .25% anti foamer + .25% retarder. Plug down @7:00 p.m. Rig released @4:30 a.m. 09/23/05.