

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

WELL API NO. 30-025-37823
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 35602
7. Lease Name or Unit Agreement Name GEN MONTCALM 25 STATE
8. Well Number 1
9. OGRID Number 141928
10. Pool name or Wildcat

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 ☐ Gas Well ☒ Other

2. Name of Operator

PATTERSON PETROLEUM LP

3. Address of Operator P.O. DRAWER 1416
SNYDER, TX 79550

4. Well Location

Unit Letter H : 1980 feet from the NORTH line and 1260 feet from the EAST line
Section 25 Township 17-S Range 33-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4088' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Synthetic Depth to Groundwater 150' Distance from nearest fresh water well 1200' Distance from nearest surface water 50' to high mark of Playa
Lake Pit Liner Thickness: 12,000 mil Below-Grade Tank: Volume 15,000 bbls; Construction Material Synthetic

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.

06/14/06 Moved in rigged up. Spudded well

06/15/06 431' - Drilled

06/16/06 440' - Drilled & surveyed. Ran 10 jts 13-3/8" 48# H40 casing, set @440'. Cemented w/500 sx Premium Plus w/2% CaCl.
Circulated 101 sx to pit. Plug down @5:00 p.m. MST.

06/17/06 440' - Waiting on cement

06/18/06 1200' - Drilled & surveyed. Bit #2 - 12 1/4".

06/19/06 2160' - Drilled & surveyed.

06/20/06 2809' - Drilled & surveyed.

06/21/06 2849' - Drilled. Trip for Bit #3 (12 1/4") & change BHA.

06/22/06 3191' - Drilled & surveyed.

06/23/06 3536' - Drilled & surveyed.

06/24/06 3804' - Drilled.

06/25/06 4085' - Drilled & surveyed.

06/26/06 4381' - Drilled.

06/27/06 4589' - Drilled & surveyed.

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 NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE Engineer DATE 10/3/06

Type or print name
For State Use Only

E-mail address:

Telephone No.

APPROVED BY:

[Signature]

TITLE

OC DISTRICT SUPERVISOR/GENERAL MANAGER
OCT 25 2006

DATE

06/28/06 4646' - Drilled, surveyed & trip for bit #4 (12¼")

06/29/06 4810' - Drilled & started running casing.

06/30/06 4810' - Ran 120 jts 9-5/8" 40# J55 & N80 LTC casing, set @4810'. Cemented w/1600 sx HLLPP + 5% salt & ¼#/sk flocele. Tailed w/250 sx + 1% CaCl. Circulated 19 sx to the pit. Plug down @9:00 p.m. MST 06/29/06.

07/01/06 4810' - NU & test BOP (waited on cement). Drilled cement.

07/02/06 5560' - Drilled & surveyed. Bit #5 (8-3/4")

07/03/06 6337' - Drilled & surveyed.

07/04/06 6990' - Drilled & surveyed.

07/05/06 7610' - Drilled & surveyed.

07/06/06 8164' - Drilled & surveyed.

07/07/06 8516' - Drilled, surveyed & trip for bit #6 (8-3/4").

07/08/06 8850' - Drilled & surveyed.

07/09/06 9310' - Drilled & surveyed.

07/10/06 9788' - Drilled & surveyed.

07/11/06 10,280' - Drilled & surveyed.

07/12/06 10,544' - Drilled, surveyed & trip for bit #7 (8-3/4")

07/13/06 10,870' - Drilled.

07/14/06 11,285' - Drilled & surveyed.

07/15/06 11,700' - Drilled.

07/16/06 11,970' - Drilled.

07/17/06 12,147' - Drilled & surveyed.

07/18/06 12,157' - Drilled, trip, inspected drill collars & tested BOP.

07/19/06 12,185' - Trip for bit #8 (8-3/4"), nipple up & test BOP, drilled.

07/20/06 12,500' - Drilled.

07/21/06 12,680' - Drilled, circulated waiting on loggers.

07/22/06 12,680' - Logging.

07/23/06 12,680' - Rig repair.

07/24/06 12,680' - Rig repair.

07/25/06 12,680' - Drilled, surveyed, circulated & laid down drill collars & drill pipe.

07/26/06 12,680' - Finished laying down drill collars & drill pipe, rigged up casing crew & started running 7" casing.

07/27/06 12,680' - Ran 300 jts 7" 26# P110 LTC casing w/14 centralizers, set @12,630', DV tool @10,002'. Cemented 1st stage w/250 sx Interfill-H-SBM @11.9 ppg. Tailed w/100 sx Permian Basin Super H @13.2 ppg. Plug down @1:00 p.m. Cemented 2nd stage w/550 sx Interfill-H @11.9 ppg & tailed w/100 sx Premium @15.6 ppg. Plug down @7:30 p.m.

07/28/06 12,680' - Nipple up & tested BOP, changed out liners & swabs, jetted pits & picked up drill collars & pipe.

07/29/06 12,680' - Drilled cement, float & guide shoe (bit #9 - 6-1/8"). Circulated & picked up drill pipe.

07/30/06 12,760' - Drilled & trip in hole for bit #10 (6-1/8").

07/31/06 12,922' - Drilled.

08/01/06 13,162' - Drilled.

08/02/06 13,375' - Drilled & surveyed.

08/03/06 13,462' - Drilled, surveyed & trip for bit #11.

08/04/06 13,590' - Drilled.

08/05/06 13,674' - Drilled. Encountered drilling break from 13,668 to 13,674'. PU check for flow, had strong flow. Shut well in @1:40 p.m. MDT, had 70 bbl gain. SIDP pressure 2700 psi, SICP 3800 psi. Began conditioning mud to kill well. At 9:15 p.m. 3½" pipe rams began leaking. Opened well through choke manifold on 1/8" to 1/4" choke with large flare. Pumped 150 bbls mud as conditioned at time (approximately 11.5 ppg), no pressure - 170 bbls gain. At 10:15 p.m. gas began escaping below drilling floor. At 10:25 p.m. killed all motors & evacuated all personnel from wellsite. At 10:45 p.m. notified NMOCD, Patterson-UTI Drilling, Patterson Petroleum & emergency services (Fire Department & State Police personnel). Retained services of Cudd Pressure Control personnel & they arrived at Hobbs airport @4:45 a.m. MDT. Ordered 200 bbls of 18 ppg, 200 bbls of 14 ppg & 600 bbls of 12.7 ppg premixed drilling mud to kill well. By 1:00 a.m. observations of wellsite revealed significant volumes of condensate overflowing steel pits & spilling onto & running across parts of location. Loco Hills VFD applied Blaze Out over condensate areas via snorkel unit effectively neutralizing escaped condensate. Continued monitoring well.

08/06/06 13,674' - Cudd personnel arrived on location @5:30 a.m. At 7:00 a.m. observations revealed no gas escaping from under drilling floor, minimal condensate mist & vapors eliminating from discharge of separator. Assessed conditions at wellsite & formulated plan for condensate retrieval & cleanup. Ordered appropriate equipment to begin clean up operations. At 11:00 a.m. personnel were cleared to return to wellsite. Constructed retaining dikes to contain & collect condensate – hauled & dispersed chat on location. Removed condensate on pits with vacuum trucks. At 6:00 p.m. location clean up was completed. Spotted Halliburton pump truck & began unloading kill mud. At 8:00 p.m. Halliburton began pumping kill mud. Pumped 660 bbls of 14 ppg drilling mud. By 9:20 p.m. well was effectively killed.

08/07/06 13,674' - Circulated hole. Worked drill pipe, began to pull on drill pipe. At 7:30 a.m. drill pipe parted 16' down on second joint below kelly. Well stable. Released Cudd Pressure Control team. Began inspection of BOP's & ordered fishing tools. BOP inspection revealed cut out 3½" pipe rams, cut out & significantly damaged Hydril. Ordered new BOP stack & casing packer. Made up casing packer w/equalizing valve on drill pipe & set in 7" casing @39'. Removed damaged BOP stack. Made up & nipple up BOP stack.

08/08/06 13,674' – Fishing & rig repair.

08/09/06 13,674' – Fishing for drillpipe.

08/10/06 13,674' – Fishing.

08/11/06 13,674' – Fishing.

08/12/06 13,674' – Fishing.

08/13/06 13,674' – Fishing on drill collars. .

08/14/06 13,674' – Fishing.

08/15/06 13,674' – Fishing.

08/16/06 13,674' – Fishing.

08/17/06 13,674' - Fishing.

08/18/06 13,674' - Fishing.

08/19/06 13,674' - Fishing.

08/20/06 13,674' - Top of fish @12,531'. Set CIBP @12,512'. Ran Scientific gyro survey from 12,510' to surface.

08/21/06 12,512' - Trip to check kick off plug. .

08/22/06 12,512' - Picked up Baker 3° Whipstock. Ran in the hole with gyro tool. Set whipstock @90° azimuth. Started milling.

08/23/06 12,512' - Trip to inspect drill collars & window mill.

08/24/06 12,477' - Milled on whipstock & casing from 12,471' – 12,477'.

08/25/06 12,478' - Milling window @5 fph.

08/26/06 12,478' - Circulated hole. Trip out with mills.

08/27/06 12,486' - Tripped in hole with 6-1/8" bit (#13). Drilled & milled through window from 12,480' to 12,484'.

08/28/06 12,480' - Trip for directional tools.

08/29/06 12,535' - Time drilled from 12,480' – 12,493'. Slide drilled from 12,493' – 12,504'. Rotary drill from 12,504' – 12,535'.

08/30/06 12,691' - Slide drilling & rotate from 12,539 to 12,575'.

08/31/06 12,862' – Drilled & surveyed

09/01/06 13,004' – Drilled, surveyed & trip out for bit & motor.

09/02/06 13,037' – Trip for bit #14 (6-1/8") & drilled.

09/03/06 13,165' - Drilled.

09/04/06 13,360' - Drilled.

09/05/06 13,480' - Drilled & surveyed.

09/06/06 13,650' - Drilled & surveyed.

09/07/06 13,661' - Drilled & trip in hole for bit & motor.

09/08/06 13,673' - Trip for bit #15 (6-1/8"). Drilled 12' & bit quit drilling.

09/09/06 13,673' - Trip for bit #16 (6-1/8").
09/10/06 13,710' - Drilled.
09/11/06 13,737' T.D.- Drilled. Trip & laid down BHA to log
09/12/06 13,737' - Logged to 13,512' & tool stopped. Ran in the hole with bit.
09/13/06 13,737' - Worked tight hole. Rigged up logger's & logged to 13,750' - logger's depth.
09/14/06 13,737' - Trip out of hole to pick up 5" liner
09/15/06 - 9/21/06 - Waiting on draw works drum to repair rig
09/22/06 13,737' - Finished rig repair & tripping in hole.
09/23/06 13,737' - Trip, circulating & rig repair.
09/24/06 13,737' - Trip to run liner
09/25/06 13,737' - Rig repair
09/26/06 13,737' - Rig repair & circulating on bottom w/liner. Ran 35 jts of 5" 18# P110 SJ2 liner with packer & hanger
09/27/06 13,737' - Set liner 1' off bottom. Rigged up Halliburton. Pumped 20 bbls of weighted spacer. Pumped 150 sx of premium H + .6% Halad-344 + .3% Halad-413 + .3% CFR-3 + .3% HR-7. Displaced casing with 450 bbls of fresh water. Checked casing, had no flow. Pulled out of the hole & laid down drill pipe.
Top of liner @12,154'
Bottom of shoe @13,731'
09/28/06 Rig released @5:00 a.m. 09/28/06.