

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NM-9022
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.
TMBR/SHARP 21 Fed Com #1
9. API Well No.
30-025-35251
10. Field and Pool, or Exploratory Area
Lusk, Morrow/ N
11. County or Parish, State
Lea, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

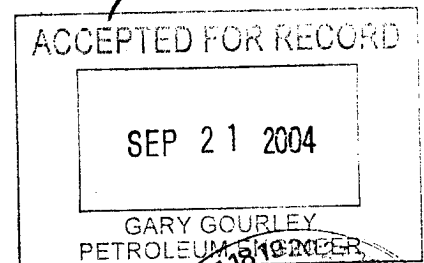
1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other
2. Name of Operator
Patterson Petroleum LP
- 3a. Address
P.O. Box 1416, Snyder, Tx. 79550
- 3b. Phone No. (include area code)
325-573-1938
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FSL & 990' FWL, Sec.21,T-18S,R-32E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 site is ready for final inspection.)

SEE ATTACHED



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Lonnie Arnold

Title Production Sup't

Signature

Lonnie Arnold

Date 9-13-04

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, make 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.

KZ

PATTERSON PETROLEUM, LP
TMBR/Sharp "21" Fed Com No. 1
1980' FSL & 990' FWL
Sec. 21, T-18S, R-32E
Lea County, NM

TMBR/Sharp Rig #22

Spud: 11/30/00

PTD: 13,000'

Csg: 13-3/8" @ 1136'

9-5/8" @ 4267'

5-1/2" @ 13,046'

- 08/17/04 FTP – 120 psi bled to 0 psi. Pump 80 bbls 10# brine down tubing to 0 psi. Nipple down tree and nipple up BOP. Release on/off tool and let well equalize. Latch on to packer. Work packer from 80,000 to 110,000 lbs. Packer came free. Pooh w/413 jts 2-7/8" 6.50# L-80 8rd tubing. Lay down 1-8' sub and 1-2' sub and packer. Shut well in and SDFN.
- 08/18/04 SICP - 0 psi. Rig up wireline GIH with 5-1/2" CIBP – GR – CCL. Run correlation log. Set CIBP @ 12,750 ft. Pooh w/wireline. Load 5-1/2" csg. Test CIBP to 2000 psi – OK. GIH with bailer and dump 10' cement on top of plug. RD wireline and RU testers. Pick up 5-1/2" redressed Baker model M packer with on/off tool & 2.25" profile nipple. GIH w/36 jts 2-7/8" tbg testing to 8000 psi. Shut well in and SDFN.
- 08/19/04 SICP - 0 psi. SITP – 0 psi. GIH with 2-7/8" L-80 6.50# tubing tested to 8000 psi. Ran a total of 413 jts. Left tailpipe at 12,708 ft (KB). Shut well in and SDFN.
- 08/20/04 Rig up Howco and spot 250 gals 1 ½% morrow acid; pull 11 jts 2 7/8" tubing and set packer; release on/off tool and circulate packer fluid; latch back on packer and land tubing @ 12,352' (402 jts.); nipple down BOP and nipple up wellhead; rig up wireline and perforate well as follows: 12,717 – 12, 719' & 12,694 – 12,699' (4 jspt, 36 holes, .26 diameter); rig up Howco and pump away spot acid; broke formation @ 1 bpm @ 4427 psi; increase rate to 3.2 bpm @ 3800 psi; ISIP vac; SWI SDFN.
- 08/21/04 SITP – 150 psi. IFI – 3500 ft. Well swabbed down to 8400' in 2 hrs. Strong gas blow behind swab. Swabbed a total of 39 bbls in 8 hrs FFL – 12,100' steady gas blow after swab. 400' fluid entry last hour. SWI.
- 08/22/04 SITP – 1450 psi. Open to tank well flowing after 1 hr. Shut well in. Rig up flowline. Open to sales well stabilized at 115 mcf per day @ 150 psi for 3 hrs. SWI.
- 08/23/04 Well shut-in till Monday.
- 08/24/04 SITP – 1400 psi. Open to sales line. FTP decreased to line pressure of 195 psi in 3 hrs. Rig up swab, open well to tank. Went in hole with swab. No fluid in hole. Rig down swab. Turn well to sales line, FTP 175 psi, 139 mcf/day rate. Rig down completion unit. Left well open to sales.
- 08/25/04 FTP – 165 psi on open choke, 31 MCF, 0 BO & 0 BW
- 08/26/04 FTP – 165 psi on open choke, 0 BO + 0 BW + 137 MCF
- 08/27/04 FTP – 165 psi on open choke, 0 BO + 0 BW + 95 MCF
- 08/28/04 FTP – 165 psi on open choke, 0 BO + 0 BW + 110 MCF
- 08/29/04 FTP – 165 psi on open choke, 0 BO + 0 BW + 115 MCF

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TMBR/Sharp "21" Fed Com No. 1
1980' FSL & 990' FWL
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08/30/04	FTP – 164 psi on open choke, 0 BO + 0 BW + 112 MCF
08/31/04	FTP – 164 psi on open choke, 0 BO + 0 BW + 120 MCF
09/01/04	FTP – 165 psi on open choke, 0 BO + 0 BW + 150 MCF
09/02/04	FTP – 165 psi on open choke, 0 BO + 0 BW + 125 MCF
09/03/04	FTP – 165 psi on open choke, 0 BO + 0 BW + 115 MCF FINAL REPORT