

N.M. Oil Cons. DIV-Dist. 2
UNITED STATES 1301 W. Grand Avenue
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Alamosa, NM 88210FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

RECEIVED

2. Name of Operator PATTERSON PETROLEUM LP

JUL 16 2004

3a. Address
P.O. DRAWER 1416, SNYDER, TX 79550

3b. Phone No. 325/573-1938

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

840' FNL & 1830' FWL SEC. 3, T21S, R27E, LOT 6

5. Lease Serial No.

NMNM-109754

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
330488. Well Name and No.
MILLER FEDERAL NO. 29. API Well No.
30-15-3306010. Field and Pool, or Exploratory Area
BURTON FLAT - MORROW11. County or Parish, State
EDDY COUNTY, NEW MEXICO

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 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.)

03/22/04 Moved in completion unit. Ran 4-3/4" bit, collars & 2-7/8" tubing. Drilled out DV Tool @7997'. Test to 2000 psi. Ran in the hole to PBTD @11,495'.

03/23/04 Circulated well w/brine water. Pulled out of the hole. Ran GR/CBL/CCL Log from 11,495' to top of cement @3050'.

03/24/04 Perforated Morrow (11,262-84') & (11,332-36'). Ran Arrowset packer on 2-7/8" tubing. Set packer @11,149' w/tailpipe to 11,185'. Pressure tested packer & tree. Swabbed back 85 bbls load water. Fluid level @9500'.

03/25/04 SITP - 10 psi. IFL - 9300'. Swabbed to 10,000'.

03/26/04 SITP - 12 psi. FL - 9900'. Acidized perfs w/3000 gals Claysafe H acid, 97,000 SCF N2 & 50 ball sealers. Flowed & swabbed 95 bbls load water. FL - 6900'.

03/27/04 SITP - 1600 psi. Swabbed 4 runs & well kicked off flowing. Gas rate 130 MCF/D @110 psi. Rigged down pulling unit.

03/28/04 FTP - 150 psi, rate = 180 MCF/D.

03/29/04 FTP - 180 psi, rate = 200 MCF/D. Ran electronic pressure gauges & shut well in for 72 hour buildup.

04/03/04 SITP - 2700 psi. BHP = 3729 psi. Left well shut in to wait on gas line connection.

05/18/04 Finished tank battery hookup & turned well down sales line.

05/20/04 FTP - 60 psi, rate 217 MCF/D.

ACCEPTED FOR RECORD

JUL 15 2004

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

NOLAN VON ROEDER

Title ENGINEER

Signature

Date

07/05/2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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.

(Instructions on page 2)

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325/572-28384. Location of Well (Footage, Sec., T., R., M., or Survey Description)
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06/01/04 Rigged up pulling unit. Killed well with brine water. Pulled out of the hole with tubing & packer. Nipple up 10M casing frac valve.
06/02/04 Frac well down casing with 35,633 gals of Medallion 3500 65 qualify binary foam with 41,250 lbs of 20/40 interprop @35 bpm. Rigged down frac equipment. Flowed back 200 bbls load water in 6 hours.
06/03/04 Well flowed down & died. Ran Arrowset packer on wireline & set @11,185'.
06/04/04 Ran 2-7/8" tubing & On-Off tool. Circulated well with 6% KCL water. Tested packer & tree. Made 5 swab runs & well kicked off flowing.
06/06/04 FTP - 45 psi, rate = 528 MCF/D.
06/16/04 Shut well in for 24 hrs.
06/17/04 Ran 4 point potential test. AOF = 2504 MCF/D. Left well flowing to sales line.

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ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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Name (Printed/Typed)

NOLAN VON ROEDERTitle **ENGINEER**

Signature

Date

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