

Form 3160-4
 (August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
 NM-9022

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
 TMBR/SHARP 21 Fed. Com.

9. API Well No.
 30-025-35251

10. Field and Pool, or Exploratory
 Lusk; Morrow, N.

11. Sec., T., R., M., on Block and
 Survey or Area 21, 185, 32E

12. County or Parish
 Lea

13. State
 NM

17. Elevations (DF, RKB, RT, GL)*
 3764' RKB

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other

b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr.,
 Other _____

2. Name of Operator
 Patterson Petroleum LP

3. Address
 P.O. Box 1416, Snyder, Tx. 79550

3a. Phone No. (include area code)
 325-573-1938

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 1980' FSL & 990' FWL, Sec 21, T-18-S, R-32E

At top prod. interval reported below

At total depth

14. Date Spudded
 11-30-00

15. Date T.D. Reached
 1-24-01

16. Date Completed
☐ D & A ☒ Ready to Prod.
 8-25-04

18. Total Depth: MD 13,043
 TVD

19. Plug Back T.D.: MD 12,740
 TVD

20. Depth Bridge Plug Set: MD 12,750
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 CNL-Density-Gr, DLL, Micro-Log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
 Was DST run? ☐ No ☒ Yes (Submit report)
 Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H-40	48	Surface	1136		800c	255	Surface	0
12 1/4	9 5/8 J-55	40	Surface	4267		1890 65/35 Pbz	398	Surface	0
8 1/2	5 1/2	17	Surface	13046	10008	975H	205	10008	0
	P-110-N-80					1785 C&H	521	1780	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	12383	12352						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12475	12993	12933-12959		16	Producing
B)			12762-12782		72	
C)			12694-12717	.26	36	
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12,694-12,719	250 gals 7 1/2% morrow acid w/25% methonal

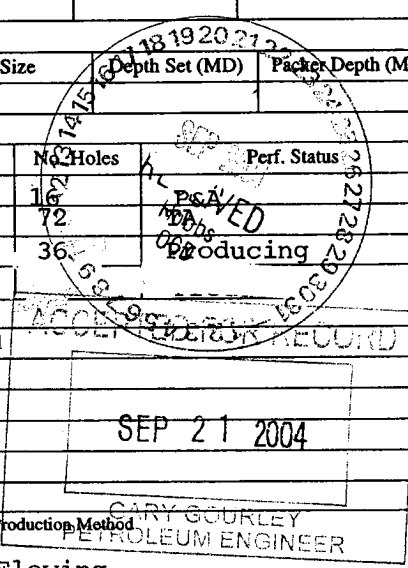
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8-25-04	9-2-04	24	→	0	125	0		.672	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
Open	165	0	→	0	125	0		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

sent w/initial completion

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
			Sent with initial completion		

32. Additional remarks (include plugging procedure):

Well was plugged back and recompleted in same formation per attached sundry notice.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lonnie Arnold

Title Production Sup't

Signature 

Date 9/13/04

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.

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