OCD-HOBBS

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

5. Lease Serial No. **LC-059152(b)**

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **34942**

2. Name of Operator **PATTERSON PETROLEUM LP**

8. Lease Name and Well No. **Paddy 24 Federal No. 1**

3. Address **P.O. Drawer 1416, Snyder, TX 79550**

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

9. API Well No. **30-025-37378**

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface **660' FNL & 400' FEL Sec. 24, T-17S, R-32E**

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory **Maljamar; Paddock, East**

11. Sec., T., R., M., on Block and Survey or Area **24, T17S, R32E**

12. County or Parish **Lea** 13. State **NM**

14. Date Spudded **10/26/2005**

15. Date T.D. Reached **12/01/2005**

16. Date Completed ☐ D & A ☑ Ready to Prod. **01/21/2006**

17. Elevations (DF, RKB, RT, GL)* **4109' GL**

18. Total Depth: MD **6200'** TVD

19. Plug Back T.D.: MD **5980'** TVD

20. Depth Bridge Plug Set: MD **6000'** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
TDLD/CNL/HRLA/GR/BHCS

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48#	0	446'		500 sx "C"	120	Surface	0
11"	8-5/8"	32#	0	4813'		2960 sx "C"	993	Surface	0
7-7/8"	5-1/2"	17#	0	6195'		500 sx "C"	117	1700'	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	5810'							

25. Producing Intervals

Formation	Top	Bottom
A) Paddock	5854'	5868'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
6050-53'	0.35	12	Plug back
5854-68'	0.35	56	Producing

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

Depth Interval	Amount and Type of Material
6050-53'	500 gals 15% HCL, CIBP @6000' w/20' cement on top
5854-68'	1500 gals 15% HCL

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
01/21/2006	02/13/2006	24	→	82	41	25	39	0.97	1½" Rod pump
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
	50	50	→	82	41	25	500	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**	
			→						

ACCEPTED FOR RECORD
FEB 21 2006
LES BABYAK
PETROLEUM ENGINEER

(See instructions and spaces for additional data on page 2)

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 to Duke Energy

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Paddock	**5854**	**5868**	**Oil & SW**	**Grayburg**	**4232'**
Paddock	**6050**	**6053**	**Saltwater**	**San Andres**	**4462'**
				Paddock	**5840'**

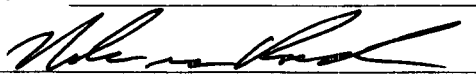
32. Additional remarks (include plugging procedure):

33. Indicate which itmes have been attached by placing a check in the appropriate boxes:

☑ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☑ Core Analysis ☐ 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)* **Nolan von Roeder** Title **Engineer**

Signature  Date **02/14/2006**

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.