

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO. 30-025-36224

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion:
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name
Heyward "32" State Com

2. Name of Operator
Patterson Petroleum LP

8. Well No. 1

3. Address of Operator
P.O. Drawer 1416
Snyder, TX

9. Pool name or Wildcat
Vacuum; Morrow

4. Well Location
Unit Letter L 1500 Feet From The South Line and 1200 Feet From The West Line
Section 32 Township 17-S Range 34-E NMPM Lea County

10. Date Spudded 04/24/03 11. Date T.D. Reached 06/11/03 12. Date Compl. (Ready to Prod.) 08/15/03 13. Elevations (DF& RKB, RT, GR, etc.) 4075' GR 14. Elev. Casinghead 4080'

15. Total Depth 13,670' 16. Plug Back T.D. 13,600' 17. If Multiple Compl. How Many Zones? No 18. Intervals Drilled By Rotary 19. Producing Interval(s), of this completion - Top, Bottom, Name 13,301 - 13,537' Morrow 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run TDD/CNL/GR/LL/Dipole Sonic 22. Was Well Cored Rotary sidewall cores

23. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13-3/8" | 48# | 420' | 17 1/2" | 500 sx | |
| 9-5/8" | 40# | 4843' | 12 1/4" | 1500 sx | |
| 5-1/2" | 17# | 13,643' | 8-3/4" | 1000 sx | |
| | | | | | |
| | | | | | |

| 24. LINER RECORD | | | | 25. TUBING RECORD | | |
|------------------|-----|--------|--------------|-------------------|-----------|------------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SIZE | DEPTH SET | PACKER SET |
| | | | | 2-7/8" | 13,200' | 13,209' |
| | | | | | | |

| 26. Perforation record (interval, size, and number) | | | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. | |
|---|--|--|---|--|
| 13,515 - 13,537' (56 holes) | | | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| 13,379 - 13,418' (56 holes) | | | 13,515-37' | 50,000 gals gelled wtr+30,000# 20/40 ISP |
| 13,301 - 13,336' (72 holes) | | | 13,379-13,418' | 2000 gals 5% Claysafe acid |
| | | | 13,301-13,336' | 33,000 gals gelled wtr+26,000# 16/30 |

28. PRODUCTION

Date First Production 08/29/03 Production Method (Flowing, gas lift, pumping - Size and type pump) F Well Status (Prod. or Shut-in) Prod.

| Date of Test | Hours Tested | Choke Size | Prod'n For Test Period | Oil - Bbl | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------------|-----------------|-------------------------|------------------------|-----------|--------------|-------------------------|-----------------|
| 09/12/03 | 24 | 3/4" | | 20 | 291 | 0 | 14,550 |
| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gravity - API - (Corr.) | |
| 3850# | Packer | | 20 | 291 | 0 | 54.8 | |

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

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name Nolan von Roeder Title Engineer

Date 11/14/03

E-mail Address vonroedern@patenergy.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STA.

| Southeastern New Mexico | | | Northwestern New Mexico | |
|-------------------------|------------------|----------|-------------------------|------------------|
| T. Anhy | T. Canyon | | T. Ojo Alamo | T. Penn. "B" |
| T. Salt | T. Strawn | 12,326 ' | T. Kirtland-Fruitland | T. Penn. "C" |
| B. Salt | T. Atoka | 12,756 ' | T. Pictured Cliffs | T. Penn. "D" |
| T. Yates | T. Miss | 13,574 ' | T. Cliff House | T. Leadville |
| T. 7 Rivers | T. Devonian | | T. Menefee | T. Madison |
| T. Queen | T. Silurian | | T. Point Lookout | T. Elbert |
| T. Grayburg | T. Montoya | 4270 ' | T. Mancos | T. McCracken |
| T. San Andres | T. Simpson | 4592 ' | T. Gallup | T. Ignacio Otzte |
| T. Glorieta | T. McKee | | Base Greenhorn | T. Granite |
| T. Paddock | T. Ellenburger | 6290 ' | T. Dakota | T. |
| T. Blinebry | T. Gr. Wash | | T. Morrison | T. |
| T. Tubb | T. Delaware Sand | | T. Todilto | T. |
| T. Drinkard | T. Bone Springs | | T. Entrada | T. |
| T. Abo | T. | 8298 ' | T. Wingate | T. |
| T. Wolfcamp | T. | 10,300 ' | T. Chinle | T. |
| T. Penn | T. | | T. Permian | T. |
| T. Cisco (Bough C) | T. | | T. Penn "A" | T. |

OIL OR GAS SANDS OR ZON

| | | | |
|------------------|---------|---------|---------|
| No. 1, from..... | 13,515' | to..... | 13,537' |
| No. 2, from..... | 13,379' | to..... | 13,418' |

| | | | |
|------------------|---------|---------|---------|
| No. 3, from..... | 13,301' | to..... | 13,336' |
| No. 4, from..... | 12,921' | to..... | 12,931' |

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness In Feet | Lithology |
|------|----|----------------------|-----------|
| | | | |

| From | To | Thickness In Feet | Lithology |
|------|----|----------------------|-----------|
| | | | |