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|---|---|---|
| Submit To Appropriate District Office<br>State Lease - 6 copies<br>Fee Lease - 5 copies<br>District I<br>1625 N. French Dr., Hobbs, NM 88240<br>District II<br>1301 W. Grand Avenue, Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd., Aztec, NM 87410<br>District IV<br>1220 S. St. Francis Dr., Santa Fe, NM 87505  | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> | <b>Form C-105</b><br>Revised June 10, 2003  |
|   |   | WELL API NO.<br>30-025-36942  |
|   |   | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
|   |   | State Oil & Gas Lease No. 34383   |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>   |   |   |
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____<br><br>b. Type of Completion:<br>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF.<br>WELL OVER BACK RESVR. <input type="checkbox"/> OTHER |   | 7. Lease Name or Unit Agreement Name<br><br>DUNCAN "32" STATE COM                                   |
| 2. Name of Operator PATTERSON PETROLEUM LP  |   | 8. Well No. 1   |
| 3. Address of Operator P.O. DRAWER 1416<br>SNYDER, TX 79550   |   | 9. Pool name or Wildcat<br>VACUUM; MORROW   |
| 4. Well Location<br><br>Unit Letter <u>H</u> : <u>2245</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>EAST</u> Line<br><br>Section <u>32</u> Township <u>17-S</u> Range <u>34-E</u> NMPM LEA County  |   |   |
| 10. Date Spudded<br>02/01/05  | 11. Date T.D. Reached<br>03/29/05   | 12. Date Compl. (Ready to Prod.)<br>06/08/05  |
| 13. Elevations (DF& RKB, RT, GR, etc.)<br>4078' GR  |   | 14. Elev. Casinghead<br>4080  |
| 15. Total Depth<br>13,550'  | 16. Plug Back T.D.<br>13,280'   | 17. If Multiple Compl. How Many Zones?  |
| 18. Intervals Drilled By  |   | Rotary Tools<br>X   |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>13,138' - 13,144' MORROW   |   | 20. Was Directional Survey Made<br>NO   |
| 21. Type Electric and Other Logs Run<br>TDD/CNL/GR/HRLA/BHCS  |   | 22. Was Well Cored<br>ROTARY SIDEWALL CORES   |
| <b>23. CASING RECORD (Report all strings set in well)</b>   |   |   |
| CASING SIZE   | WEIGHT LB./FT.  | DEPTH SET   |
| 13-3/8"   | 48#   | 400'  |
| 9-5/8"  | 40#   | 4802'   |
| 5-1/2"  | 17#   | 13,549'   |
| 24. LINER RECORD  |   | 25. TUBING RECORD   |
| SIZE  | TOP   | BOTTOM  |
|   |   | SACKS CEMENT  |
|   |   | SCREEN  |
|   |   | SIZE  |
|   |   | DEPTH SET   |
|   |   | PACKER SET  |
| 26. Perforation record (interval, size, and number)   |   | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.   |
| 13,376-90' 0.42" 84 HOLES   |   | DEPTH INTERVAL  |
| 13,138-44' 0.42" 36 HOLES   |   | AMOUNT AND KIND MATERIAL USED   |
|   |   | 13,280-300'   |
|   |   | Comp. plug w/20' cement on top  |
|   |   | 13,138-44'  |
|   |   | 1500 gals 7½% Morrow acid, 68,000 gals 65Q  |
|   |   | 30# foam w/50,000 lbs 20/40 Bauxite   |
| <b>28. PRODUCTION</b>   |   |   |
| Date First Production   |   | Production Method (Flowing, gas lift, pumping - Size and type pump)                                 |
| 06/08/05  |   | FLOWING   |
| Well Status (Prod. or Shut-in)  |   |   |
| PROD.   |   |   |
| Date of Test  | Hours Tested  | Choke Size  |
| 08/14/05  | 24  | 32/64"  |
| Prod'n For Test Period  | Oil - Bbl   | Gas - MCF   |
|   | 49  | 1287  |
| Water - Bbl.  | Gas - Oil Ratio   |   |
| 0   | 26,265  |   |
| Flow Tubing Press.  | Casing Pressure   | Calculated 24-Hour Rate   |
| 500   | 0   |   |
| Oil - Bbl.  | Gas - MCF   | Water - Bbl.  |
| 49  | 1287  | 0   |
| Oil Gravity - API - (Corr.)   |   |   |
| 63.4  |   |   |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)  |   | Test Witnessed By   |
| SOLD  |   |   |
| 30. List Attachments<br>Form C122, test data, gas analysis, logs, core data, deviation report   |   |   |
| 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  |
| E-mail Address vonroedern@patenergy.com   |   | Date 08/24/05   |

# 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 STATE

| Southeastern New Mexico |                  | Northwestern New Mexico |                  |
|-------------------------|------------------|-------------------------|------------------|
| T. Anhy                 | T. Canyon        | T. Ojo Alamo            | T. Penn. "B"     |
| T. Salt                 | T. Strawn 12,280 | T. Kirtland-Fruitland   | T. Penn. "C"     |
| B. Salt                 | T. Atoka         | T. Pictured Cliffs      | T. Penn. "D"     |
| T. Yates                | T. Miss 13,438   | 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 4295        | T. Montoya       | T. Mancos               | T. McCracken     |
| T. San Andres 4470      | T. Simpson       | T. Gallup               | T. Ignacio Otzte |
| T. Glorieta             | T. McKee         | Base Greenhorn          | T. Granite       |
| T. Paddock 6288         | T. Ellenburger   | T. Dakota               | T.               |
| T. Blinbry              | T. Gr. Wash      | T. Morrison             | T.               |
| T. Tubb                 | T. Delaware Sand | T. Todilto              | T.               |
| T. Drinkard             | T. Bone Springs  | T. Entrada              | T.               |
| T. Abo 8293             | T.               | T. Wingate              | T.               |
| T. Wolfcamp 10,274      | T.               | T. Chinle               | T.               |
| T. Penn                 | T.               | T. Permian              | T.               |
| T. Cisco (Bough C)      | T.               | T. Penn "A"             | T.               |

## OIL OR GAS SANDS OR ZONES

|  |                         |
|--|-------------------------|
| No. 1, from.....13,376.....to.....13,390'..... | No. 3, from.....to..... |
| No. 2, from.....13,138.....to.....13,144'..... | No. 4, from.....to..... |

## 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<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |