

Submit To Appropriate District Office State Lease - 5 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. <div style="text-align: center;">30-025-36597</div> 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.																																										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																																												
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name J. F. COOPER "19" STATE																																										
2. Name of Operator PATTERSON PETROLEUM LP		8. Well No. 1																																										
3. Address of Operator P.O. DRAWER 1416 SNYDER, TX 79550		9. Pool name or Wildcat WILDCAT; MORROW																																										
4. Well Location Unit Letter <u>1</u> : <u>900</u> Feet From The <u>NORTH</u> Line and <u>804</u> Feet From The <u>WEST</u> Line Section <u>19</u> Township <u>17-S</u> Range <u>33-E</u> NMPM County <u>LEA</u>																																												
10. Date Spudded 03/04/04	11. Date T.D. Reached 05/04/04	12. Date Compl. (Ready to Prod.) 08/28/04																																										
13. Elevations (DF& RKB, RT, GR, etc.) 4112' GR		14. Elev. Casinghead 4114'																																										
15. Total Depth 13,710'	16. Plug Back T.D. 13,592'	17. If Multiple Compl. How Many Zones? NO																																										
18. Intervals Drilled By		Rotary Tools X																																										
19. Producing Interval(s), of this completion - Top, Bottom, Name (13,466' - 13,563') MORROW		20. Was Directional Survey Made NO																																										
21. Type Electric and Other Logs Run TDD/HRLA/GR/BHCS		22. Was Well Cored ROTARY SIDEWALL																																										
23. CASING RECORD (Report all strings set in well) <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13-3/8"</td> <td>54</td> <td>427'</td> <td>17-1/2"</td> <td>500 SX</td> <td>0</td> </tr> <tr> <td>9-5/8"</td> <td>40</td> <td>4839'</td> <td>12-1/4"</td> <td>1850 SX</td> <td>0</td> </tr> <tr> <td>5-1/2"</td> <td>17</td> <td>13,696'</td> <td>8-3/4"</td> <td>2600 SX</td> <td>0</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13-3/8"	54	427'	17-1/2"	500 SX	0	9-5/8"	40	4839'	12-1/4"	1850 SX	0	5-1/2"	17	13,696'	8-3/4"	2600 SX	0																		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																																							
13-3/8"	54	427'	17-1/2"	500 SX	0																																							
9-5/8"	40	4839'	12-1/4"	1850 SX	0																																							
5-1/2"	17	13,696'	8-3/4"	2600 SX	0																																							
24. LINER RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SCREEN</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN																																					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN																																								
25. TUBING RECORD <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> </thead> <tbody> <tr> <td>2-7/8"</td> <td>13,438'</td> <td> </td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>			SIZE	DEPTH SET	PACKER SET	2-7/8"	13,438'																																					
SIZE	DEPTH SET	PACKER SET																																										
2-7/8"	13,438'																																											
26. Perforation record (interval, size, and number) (13,466-70") 0.35" 16 HOLES (13,535-40") 0.35" 20 HOLES (13,553-63") 0.35" 40 HOLES																																												
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>13,466' - 13,563'</td> <td>3000 GALS CLAYS SAFE H ACID</td> </tr> <tr> <td> </td> <td>62,724 GALS CO2 FOAM FRAC</td> </tr> <tr> <td> </td> <td>W/45,600 LBS 20/40 BAUXITE</td> </tr> </tbody> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	13,466' - 13,563'	3000 GALS CLAYS SAFE H ACID		62,724 GALS CO2 FOAM FRAC		W/45,600 LBS 20/40 BAUXITE																																		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																																											
13,466' - 13,563'	3000 GALS CLAYS SAFE H ACID																																											
	62,724 GALS CO2 FOAM FRAC																																											
	W/45,600 LBS 20/40 BAUXITE																																											
28. PRODUCTION																																												
Date First Production 08/28/04		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING																																										
Well Status (Prod. or Shut-in) PRODUCING																																												
Date of Test 08/31/04	Hours Tested 24	Choke Size 32/64"																																										
Prod'n For Test Period	Oil - Bbl 15	Gas - MCF 1080																																										
Water - Bbl 5	Gas - Oil Ratio 72,000																																											
Flow Tubing Press. 150	Casing Pressure 500	Calculated 24-Hour Rate																																										
Oil - Bbl 15	Gas - MCF 1080	Water - Bbl 5																																										
Oil Gravity - API - (Corr.) 54°																																												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By																																										
30. List Attachments DST INFORMATION, SIDEWALL CORE ANALYSIS, LOGS & C104																																												
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 09/02/04																																										
E-mail Address																																												

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 12,386 '	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 12,730 '	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 13,656 '	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 4244 '	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4475 '	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock 5854 '	T. Ellenburger	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 8162 '	T.	T. Wingate	T.
T. Wolfcamp 10,204 '	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.....13,466'.....to.....13,563'.....
No. 2, from.....5996'.....to.....6068'.....

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