

Submit To Appropriate District Office State Lease - 6 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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. 30-025-37381  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>  State Oil & Gas Lease No. 301763
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>		
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  NORTH TWINBERRY 5 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 VACUUM; MORROW
4. Well Location		
Unit Letter P : 720 Feet From The SOUTH Line and 1100 Feet From The EAST Line  Section 5 Township 18S Range 34E NMPM LEA County		
10. Date Spudded 09/27/05	11. Date T.D. Reached 11/29/05	12. Date Compl. (Ready to Prod.) 02/02/06
13. Elevations (DF& RKB, RT, GR, etc.) 4059' GR		14. Elev. Casinghead 4061'
15. Total Depth 13,770'	16. Plug Back T.D. 13,684'	17. If Multiple Compl. How Many Zones?
18. Intervals led By		18. Rotary Tools X
19. Producing Interval(s), of this completion - Top, Bottom, Name 13,337'-13,665' MORROW		20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run TDD/CNL/GR/HRLA/BHCS		22. Was Well Cored. ROTARY SIDEWALL CORES
23. <b>CASING RECORD (Report all strings set in well)</b>		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
13-3/8"	48#/54.5#	443'
9-5/8"	40#	4813'
5-1/2"	17#	13,767'
24. <b>LINER RECORD</b>		
SIZE	TOP	BOTTOM
25. <b>TUBING RECORD</b>		
SIZE	DEPTH SET	PACKER SET
2-7/8"	13,200'	13,208'
26. Perforation record (interval, size, and number)		
13,650-65'	0.42"	45 HOLES
13,337-42'	0.42"	15 HOLES
13,346-50'	0.42"	12 HOLES
13,354-59'	0.42"	15 HOLES
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
13,650-65'	2000 gals 71/2% C/S acid/20,000 gals gel w/64,000#	
	30/50 bauxite.	
13,337-59'	2500 gals C/S acid/93,000 gals gel w/75,000#	
28. <b>PRODUCTION</b>		
Date First Production 02/02/06		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
		Well Status (Prod. or Shut-in) Prod.
Date of Test 02/16/06	Hours Tested 24	Choke Size 15/64
Prod'n For Test Period	Oil - Bbl 40	Gas - MCF 756
	Water - Bbl. 63	Gas - Oil Ratio 18.9
Flow Tubing Press. 600	Casing Pressure 0	Calculated 24- Hour Rate
	Oil - Bbl. 40	Gas - MCF 756
	Water - Bbl. 63	Oil Gravity - API - (Corr.) 58.0
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By
30. List Attachments		
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	Date 3/9/06
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 12296	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 13660	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 4282	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4480	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock 6319	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 8300	T.	T. Wingate	T.
T. Wolfcamp 10296	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 13,650..... to 13,665..... No. 3, from...13,346.....to...13,359.....  
No. 2, from ...13,337.....to. 13,342..... 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 In Feet	Lithology	From	To	Thickness In Feet	Lithology
30 ft			reworked, not much				