

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

**DISTRICT I**

P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**

P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

WELL APT NO. 30-025-34298	
5. Indicate Type Of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name ARROW HEAD GRAYBURG UNIT	
8. Well No. 369	
9. Pool name or Wildcat ARROW HEAD GRAYBURG	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____					
2. Name of Operator Chevron U.S.A. Inc.					
3. Address of Operator P.O. Box 1150, Midland, TX 79702					
4. Well Location Unit Letter <u>D</u> : <u>170</u> Feet From The <u>NORTH</u> Line and <u>1220</u> Feet From The <u>WEST</u> Line Section <u>12</u> Township <u>22S</u> Range <u>36E</u> NMPM <u>LEA</u> County _____					
10. Date Spudded 3/16/98	11. Date T.D. Reached 4/6/98	12. Date Compl.(Ready to Prod.) 5/9/98	13. Elevations(DF & RKB, RT, GR, etc.) 3484'	14. Elev. Casinghead	
15. Total Depth 3831'	16. Plug Back T.D. 3831'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	19. Producing Interval(s), of this completion - Top, Bottom, Name 3739' - 3831'	20. Was Directional Survey Made NO
21. Type Electric and Other Logs Run				22. Was Well Cored YES	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	530'	12-1/4"	300 SX - SURF	
7"	29	3736'	8-3/4"	650 SX - SURF	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3806'	

26. Perforation record (interval, size, and number)  NONE	27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3739' - 3831'	3000 GALS 15%

28. PRODUCTION							
Date First Production 5/9/98		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING				Well Status (Prod. or Shut-in) PROD	
Date of Test 5/25/98	Hours Tested 24	Choke Size W.O.	Prod'n For Test Period	Oil - Bbl. 12	Gas - MCF 9	Water - Bbl. 349	Gas - Oil Ratio 750
Flow Tubing Press. 40	Casing Pressure 31	Calculated 24-Hour Rate	Oil - Bbl. 12	Gas - MCF 9	Water - Bbl. 349	Oil Gravity - API (Corr.) 34.2	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						Test Witnessed By	
30. List Attachments DEVIATION SURVEY							

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Signature <u>J. K. Ripley</u>		Printed Name <u>J. K. RIPLEY</u>		Title <u>TECH ASSISTANT</u>		Date <u>8/20/98</u>	

# 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

T. Anhy \_\_\_\_\_ 1212  
 T. Salt \_\_\_\_\_ 1300  
 B. Salt \_\_\_\_\_ 2568  
 T. Yates \_\_\_\_\_ 2732  
 T. 7 Rivers \_\_\_\_\_ 2944  
 T. Queen \_\_\_\_\_ 3389  
 T. Grayburg \_\_\_\_\_ 3700  
 T. San Andres \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss \_\_\_\_\_  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### Northeastern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Permian \_\_\_\_\_  
 T. Penn "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Otzte \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
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### OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 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
SURF	1212	1212	SURF ALLUVIUM				
1212	1300	82	ANHYDRITE				
1300	2568	1268	INTERBEDDED SALT/CLASTICS				
2568	3389	821	INTERBEDDED EVAPORITES, CARBONATES, CLASTICS				
3389	3700	311	CLASTICS W/THIN CARBONATES				
3700	3831	131	DOLOMITE W/THIN CLASTIC INTERBEDS				