

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 API NO.

30-015-30485

Indicate Type Of Lease

STATE [X]

6. State Oil & Gas Lease No.

V04509

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

7. Lease Name or Unit Agreement Name

MERPHAN 16 STATE

2. Name of Operator  
BURLINGTON RESOURCES OIL & GAS COMPANY

8. Well No.

1

3. Address of Operator  
P.O. Box 51810 Midland, TX 79710-1810

9. Pool name or Wildcat

PHANTOM DRAW WOLFCAMP GAS

4. Well Location  
Unit Letter E : 1800 Feet From The NORTH Line and 810 Feet From The WEST Line

Section 16 Township 26S Range 31E NMPM EDDY County

10. Date Spudded 11-27-98 11. Date T.D. Reached 1-28-99 12. Date Compl.(Ready to Prod.) 2-12-99 13. Elevations(DF & RKB, RT, GR, etc.) 3212' GR 14. Elev. Casinghead

15. Total Depth 13,309' MD 16. Plug Back T.D. 13,309' MD 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By X Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 12,664' MD - 13,021' MD, WOLFCAMP 20. Was Directional Survey Made YES

21. Type Electric and Other Logs Run CNL/LDT/DLL/MSFL/BHC/GR/CAL 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
13-3/8"	48#	400' MD	17-1/2"	365 SXS C	135 SXS
9-5/8"	36# & 40#	3,994' MD	12-1/4"	1700 SXS C	713 SXS
7"	26#	12,214' MD	8-3/4"	750 SXS H, TOC @ 7475'	0 SXS
				BY TEMPERATURE SURVEY	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4-1/2"	11,935'	13,021'	0		2-7/8"	11,921'
6-1/8" HOLE						

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,664' - 13,021' MD. 3/4" HOLES. 32 HOLES. WOLFCAMP		12,664' - 13,021'	FRAC'D W/40,000 GLS SLICK 15% HCL
			17,000 GLS SLICK WTR. 4000 GLS
			PURGE III/LT. 1/4#/GAL 100 MESH
			13,800 GLS VCA 15% ACID

28. PRODUCTION				Well Status (Prod. or Shut-in)	
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)			PRODUCING	
3-12-99	FLOWING				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF
				This well has not been potential tested yet.	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
				See sundry notice dated 3-24-99 for explanation.	

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

30. List Attachments C-102, C-104, INCLINATION REPORT, DEVIATION REPORT, LOGS.

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 Maria L. Perez Printed Name MARIA L. PEREZ Title REGULATORY REP. Date 3-24-99

# 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 least depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple zones, least depths shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Form 105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy \_\_\_\_\_  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_  
 T. San Andres \_\_\_\_\_  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp 12,610'  
 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 4,005'  
 T. Bone Springs 7,967'  
 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 12,610' to 12,689'  
 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
0	4,005	4,005	REDBEDS, SALT, ANHYDRITE				
4,005	7,967	3,962	SANDSTONE, SHALE				
7,967	11,122	3,155	SANDSTONE, SHALE LIMESTONE				
11,122	12,610	1,488	SHALE & LIMESTONE				
12,610	12,689	79	LIMESTONE & CHERT				
12,689	12,820	131	SHALE & LIMESTONE				
			CORED 12,652' - 12,710'				