

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87501

Form C-105
Revised 1-1-89

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-015-30485

5. Indicate Type Of Lease

STATE ☒

FEE ☐

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

Rotary Tools

Cable Tools

X

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**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	11,935'	13,021	0		2-7/8"	11,921'	11,921'
6-1/8" HOLE							

25. **TUBING RECORD**

26. Perforation record (interval, size, and number)

12,664' - 13,021' MD, 3/4" HOLES, 32 HOLES, WOLFCAMP

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

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**

Date First Production

3-12-99

Production Method (Flowing, gas lift, pumping - Size and type pump)

FLOWING

Well Status (Prod. or Shut-in)

PRODUCING

Date of Test

Hours Tested

Choke Size

Prod'n For
Test Period

Oil - Bbl.

Gas - MCF

Water - Bbl.

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-
Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API (Corr.)

This well has not been potential tested yet.

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 measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quadruplicate 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 _____
 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 _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

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'				