

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

Form C-105  
Revised 1-1-89

OIL CONSERVATION DIVISION

P. O. Box 2089

Santa Fe, New Mexico 87504-2089

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 <input type="checkbox"/>						WELL API NO. 30-045-30474	
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 <input type="checkbox"/> DHC-509az						5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY						6. State Oil & Gas Lease No.	
3. Address of Operator PO BOX 4289, Farmington, NM 87499						7. Lease Name or Unit Agreement Name Culpepper Martin SRC	
4. Well Location Unit Letter <u>C</u> : <u>1060</u> Feet From The <u>North</u> Line and <u>1905</u> Feet From The <u>West</u> Line Section <u>33</u> Township <u>32N</u> Range <u>12W</u> NMPM San Juan County, NM						8. Well No. #3M	
10. Date Spudded 7/10/2001						11. Date T.D. Reached 7/22/2001	
12. Date Compl. (Ready to Prod.) 9/8/2001						13. Elevations (DF&RKB, RT, GR, etc.) 5974'GL, 5986'KB	
14. Elev. Casinghead 7160'						15. Total Depth 7110'	
16. Plug Back T.D. 7110'						17. If Multiple Compl. How Many Zones? 2	
18. Intervals Drilled By						19. Producing Interval(s), of this completion - Top, Bottom, Name Dakota 6946-7076'	
20. Was Directional Survey Made No						21. Type Electric and Other Logs Run CBL/GR/CCL	
22. Was Well Cored No						23. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT LB/FT.		DEPTH SET		HOLE SIZE	
8-5/8		32#		345'		12-1/4	
4-1/2		10.5#		7154'		7-7/8	
24. LINER RECORD						25. TUBING RECORD	
SIZE		TOP		BOTTOM		SACKS CEMENT	
						SCREEN	
						2-3/8	
26. Perforation record (interval, size, and number) 6946-6950', 6966-6968', 6978', 7024-7038', 7048-7052', 7068-7076'						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED	
6946-7076'						40,000# TLC 20/40 sand, 2404 bbls slick water	
28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 9/8/2001		Hours Tested		Choke Size		Prod'n for Test Period	
						Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio	
Flow Tubing Press. SI 735		Casing Pressure SI 630		Calculated 24-Hour Rate		Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API - (Corr.)	
						4295 Pitot gauge	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold						Test Witnessed By	
30. List Attachments None							
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 <i>Peggy Cole</i>		Printed Peggy Cole		Title Regulatory Supervisor		Date 9/18/2001	

# 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	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinbry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

## Northwestern New Mexico

T. Ojo Alamo	760'	T. Penn. "B"
T. Kirtland-Fruitland	860-1685'	T. Penn. "C"
T. Pictured Cliffs	2374'	T. Penn. "D"
T. Cliff House	3917'	T. Leadville
T. Menefee	4252'	T. Madison
T. Point Lookout	4716'	T. Elbert
T. Mancos	5150'	T. McCracken
T. Gallup	6150'	T. Ignacio Otzte
Base Greenhorn	6828'	T. Granite
T. Dakota	7020'	T. Lewis
T. Morrison		T. Hrfnito. Bnt.
T. Todilto		T. Chacra
T. Entrada		T. Graneros
T. Wingate		
T. Chinle		
T. Permian		
T. Penn "A"		

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, 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	Lithology	From	To	Thicknes s in Feet	Lithology
760'	860'	White, cr-gr ss.	5150'	6150'		Dark gry carb sh.
860'	1685'	Gry sh interbedded w/tight, gry, fine-gr ss.	6150'	6828'		Lt gry to brn calc carb micac glauc silt & very fine gr gry ss w/irreg. interbed sh
1685'	2374'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	6828'	6883'		Highly calc gry sh w/thin lmst.
2374'	2549'	Bn-Gry, fine grn, tight ss.	6883'	7020'		Dk gry shale, fossil & carb w/ pyrite incl.
2549'	3073'	Shale w/siltstone stringers	7020'	7160'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
3073'	3538'	White, waxy chalky bentonite				
3538'	3917'	Gry fn grn silty, glauconitic sd stone w/drak gry shale				
3917'	4252'	ss. Gry, fine-grn, dense sil ss.				
4252'	4716'	Med-dark gry, fine gr ss, carb sh & coal				
4716'	5150'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation				