

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

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 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## 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. 30-045-31252	
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-3101						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 Ross Federal	
4. Well Location Unit Letter <u>B</u> : <u>1000</u> Feet From The <u>North</u> Line and <u>1940</u> Feet From The <u>East</u> Line Section <u>23</u> Township <u>30N</u> Range <u>11W</u> NMPM San Juan County, NM							
10. Date Spudded 12/22/2002	11. Date T.D. Reached 1/8/2003	12. Date Compl. (Ready to Prod.) 3/11/2003	13. Elevations (DF&RKB, RT, GR, etc.) 5990' GL, 6002' KB	14. Elev. Casinghead			
15. Total Depth 7220'	16. Plug Back T.D. 7163'	17. If Multiple Compl. How Many Zones? 3	18. Intervals Drilled By	Rotary Tools 0-7220'	Cable Tools		
19. Producing Interval(s), of this completion - Top, Bottom, Name 6849-7075' Dakota				20. Was Directional Survey Made No			
21. Type Electric and Other Logs Run Array induction, Comp Neutron Litho Den, Microlog, 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	CEMENTING RECORD	AMOUNT PULLED		
8 5/8	24#	318'	11	258 cu. ft.			
5 1/2	23#	7210'	7 7/8	2388 cu. ft.			
24. LINER RECORD							
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD		
					SIZE 2 3/8	DEPTH SET 6907'	PACKER SET
26. Perforation record (interval, size, and number) 6849-6852', 6855-6861', 6908-6912', 6919-6944', 6974-6978', 6997-6999', 7008-7013', 7031-7051', 7060-7064, 7071-7075'				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
6849-7075'				738 bbls frac fluid, 41,250# 20/40 TLC sand, 1,371,000 SCF N2			
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 3/10/2003	Hours Tested	Choke Size	Prod'n for Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. SI 760	Casing Pressure SI 774	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 420 Pitot gauge	Water - Bbl.	Oil Gravity - API - (Corr.)	
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 <u>Tammy Williams</u>		Printed Name <u>Peggy Cole</u>		Title <u>Regulatory Supervisor</u>		Date <u>3/20/2003</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	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. Blinberry	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	1080'	T. Penn. "B"
T. Kirtland-Fruitland	1180-2130'	T. Penn. "C"
T. Pictured Cliffs	2420'	T. Penn. "D"
T. Cliff House	3994'	T. Leadville
T. Menefee	4242'	T. Madison
T. Point Lookout	4750'	T. Elbert
T. Mancos	5146'	T. McCracken
T. Gallup	5995'	T. Ignacio Otzte
Base Greenhorn	6736'	T. Granite
T. Dakota	6919'	T. Lewis
T. Morrison		T. Hrfnito. Bnt.
T. Todilto		T. Chacra
T. Entrada		T. Graneros
T. Wingate		T.
T. Chinle		T.
T. Permian		T.
T. Penn "A"		T.

## 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
1080'	1180'	White, cr-gr ss.	5146'	5995'		Dark gry carb sh.
1180'	2130'	Gry sh interbedded w/tight, gry, fine-gr ss.	5995'	6736'		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh
2130'	2420'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	6736'	6788'		Highly calc gry sh w/thin lmst.
2420'	2541'	Bn-Gry, fine grn, tight ss.	6788'	6919'		Dk gry shale, fossil & carb w/pyrite incl.
2541'	3187'	Shale w/siltstone stringers	6919'	7220'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
3187'	3446'	White, waxy chalky bentonite				
3446'	3994'	Gry fn grn silty, glauconitic sd stone w/drk gry shale				
3994'	4149'	ss. Gry, fine-grn, dense sil ss.				
4149'	4750'	Med-dark gry, fine gr ss, carb sh & coal				
4750'	5146'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation				