

Submitted 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

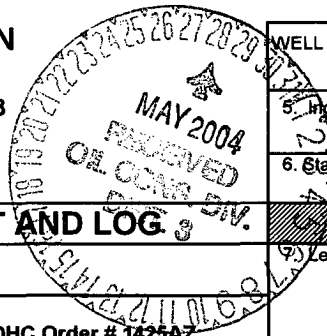
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P. O. Box 2089  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89



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. 30-039-27598
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"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY 14538		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 4289, Farmington, NM 87499		7. Lease Name or Unit Agreement Name San Juan 27-5 Unit 7454
4. Well Location Unit Letter <u>P</u> <u>145</u> Feet From The <u>South</u> Line and <u>400'</u> Feet From The <u>East</u> Line Section <u>29</u> Township <u>27N</u> Range <u>5W</u> NMPM Rio Arriba County		8. Well No. 140N
10. Date Spudded 3-9-04		9. Pool name or Wildcat Basin Dakota 71599

11. Date T.D. Reached 3-15-04	12. Date Compl. (Ready to Prod.) 5/3/04	13. Elevations (DF&RKB, RT, GR, etc.) 6428' GL; 6440' - KB	14. Elev. Casinghead
15. Total Depth 7586'	16. Plug Back T.D. 7583'	17. If Multiple Compl. How Many Zones? 2	18. Intervals Drilled By Rotary Tools X Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Dakota - 7338' - 7550'			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	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3# H-40 ST&C	234'	12-1/4"	202 sx CI C	16 bbls
7"	20# J-55 ST&C	3364'	8-3/4"	454 CI B	41 bbls
4-1/2"	10.5# J-55 ST&C	7585'	6-1/4"	18 sx CI C & 274 sx CI B	TOC @ 2820'

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8", 4.7# J-55	7449'	none

26. Perforation record (interval, size, and number) Dakota - .34" @ 2 spf - 7468' - 7550' = 46 holes Dakota - .34" @ 1 spf - 7338' - 7450' = 14 holes Total = 60 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7338' - 7550'	840 gal 15% HCL, 30K gal slickwater pad & 40K# 20/04 TLC

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 5-04-04	Hours Tested 1	Choke Size 2"	Prod'n for Test Period	Oil - Bbl. 1092 mcf/d thru pitot	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 875# SI	Casing Pressure 805# SI	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 1092 mcf/d	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold	Test Witnessed By
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30. List Attachments None
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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>Patsy Clugston</i>	Printed Name Patsy Clugston	Title Sr. Regulatory Specialist	Date 5/27/04

# 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	2633'	T. Penn. "B"
T. Kirtland-Fruitland	2754' - 2962	T. Penn. "C"
T. Pictured Cliffs	3146	T. Penn. "D"
T. Cliff House	4768	T. Leadville
T. Menefee	4896	T. Madison
T. Point Lookout	5300	T. Elbert
T. Mancos	5756	T. McCracken
T. Gallup	6468	T. Ignacio Otzte
Base Greenhorn	7254	T. Granite
T. Dakota	7337	T. Huer. Bent. - 3616
T. Morrison	not penetrated	T. Chacra - 4106
T. Todillo		T.
T. Entrada		T.
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	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2633	2754		White, cr-gr ss.	5756	6468		Dark gry carb shale
2754	2962		Gry sh interbedded w/tight, gry, fine-gr ss	6468	7254		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbedded sh
2962	3146		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss	7254	7314		Highly calc gry sh w/thin lmst
3146	3616		Bn-gry, fine grn, tight ss	7314	7337		Dk gry shale, fossil & carb w/pyrite incl
3616	4106		White, waxy chalky bentonite	7337'	7586' (TD)		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
4106	4768		Gry fn grn silty, glauconitic sd stone w/drak gry shale				
4768	4896		ss. Gry, fine-grn, dense sil ss.				
4896	5300		Med-dark gry, fine gr ss, carb sh & coal				
5300	5756		Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation				