

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**

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

Form C-105  
Revised 1-1-89

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

<b>1a. TYPE OF WELL:</b> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						<b>WELL API NO.</b> 30-045-30105	
<b>b. TYPE OF COMPLETION:</b> 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"/>						<b>5. Indicate Type of Lease</b> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
<b>2. Name of Operator</b> BURLINGTON RESOURCES OIL & GAS COMPANY						<b>6. State Oil &amp; Gas Lease No.</b>	
<b>3. Address of Operator</b> PO BOX 4289, Farmington, NM 87499						<b>7. Lease Name or Unit Agreement Name</b> Heaton	
<b>4. Well Location</b> Unit Letter <u>K</u> : <u>1630</u> Feet From The <u>South</u> Line and <u>1670</u> Feet From The <u>West</u> Line Section <u>29</u> Township <u>31N</u> Range <u>11W</u> NMPM San Juan County, NM						<b>8. Well No.</b> #7B	
<b>10. Date Spudded</b> 7-18-00				<b>11. Date T.D. Reached</b> 7-23-00		<b>12. Date Compl. (Ready to Prod.)</b> 10-15-00	
<b>13. Elevations (DF&amp;RKB, RT, GR, etc.)</b> 5872'GL/5887'KB				<b>14. Elev. Casinghead</b>			
<b>15. Total Depth</b> 7040'		<b>16. Plug Back T.D.</b> 7036'		<b>17. If Multiple Compl. How Many Zones?</b> 2		<b>18. Intervals Drilled By</b> Rotary Tools 0-7040'	
<b>19. Producing Interval(s), of this completion - Top, Bottom, Name</b> 4458-4923' Mesaverde commingled w/Dakota						<b>20. Was Directional Survey Made</b> No	
<b>21. Type Electric and Other Logs Run</b> Array Induction, Temp, Compensated Neutron Ltho-Density, CBL/GR/CCL						<b>22. Was Well Cored</b> No	
<b>23. CASING RECORD (Report all strings set in well)</b>							
CASING SIZE		WEIGHT LB/FT.		DEPTH SET		HOLE SIZE	
9 5/8"		32.3#		147'		12 1/4"	
7"		20#		2657'		8 3/4"	
						CEMENTING RECORD	
						177 cu ft	
						895 cu ft	
						AMOUNT PULLED	
<b>24. LINER RECORD</b>				<b>25. TUBING RECORD</b>			
SIZE		TOP		BOTTOM		SACKS CEMENT	
4 1/2"		2009'		7038'		691 cu ft	
						SCREEN	
						SIZE	
						DEPTH SET	
						PACKER SET	
<b>26. Perforation record (interval, size, and number)</b> 4458, 4460, 4463, 4464, 4468, 4475, 4476, 4500, 4526, 4527, 4536, 4537, 4541, 4546, 4548, 4564, 4566, 4599, 4602, 4605, 4607, 4612, 4628, 4639, 4648, 4686, 4695, 4701, 4710, 4725, 4729, 4733, 4735, 4743, 4749, 4754, 4756, 4761, 4773, 4778, 4781, 4813, 4846, 4855, 4868, 4892, 4699, 4916, 4921, 4923.				<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>			
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
4458-4648'				1154 bbl slk wtr, 50,000# 20/40 Brady sand.			
4686-4923'				2042 bbl slk wtr, 100,000# 20/40 Brady sand.			
<b>28. PRODUCTION</b>							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Flowing				SI	
Date of Test		Hours Tested		Choke Size		Prod'n for	
10-15-00						Test Period	
				Oil - Bbl.		Gas - MCF	
				Water - Bbl.		Gas - Oil Ratio	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.	
SI 980		SI 785				Gas - MCF	
				527 Pitor: gauge		Water - Bbl.	
						Oil Gravity - API - (Corr.)	
<b>29. Disposition of Gas (Sold, used for fuel, vented, etc.)</b> To be sold						<b>Test Witnessed By</b>	
<b>30. List Attachments</b> None							
<b>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</b>							
Signature		Name		Title		Date	
Peggy Cole		Peggy Cole		Regulatory Supervisor		10-24-00	

# 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 _____ 825'	T. Penn. "B" _____
T. Kirtland-Fruitland _____ 845-1795'	T. Penn. "C" _____
T. Pictured Cliffs _____ 2357'	T. Penn. "D" _____
T. Cliff House _____ 3925'	T. Leadville _____
T. Menefee _____ 4154'	T. Madison _____
T. Point Lookout _____ 4685'	T. Elbert _____
T. Mancos _____ 5048'	T. McCracken _____
T. Gallup _____ 5974'	T. Ignacio Otzte _____
Base Greenhorn _____ 6703'	T. Granite _____
T. Dakota _____ 6886'	T. Lewis _____ 2510'
T. Morrison _____	T. Hrnito. Bnt. _____ 3120'
T. Todillo _____	T. Chacra _____ 3470'
T. Entrada _____	T. Graneros _____ 6752'
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	Thickness in Feet	Lithology
825'	845'	White, cr-gr ss.	5048'	5974'		Dark gry carb sh.
845'	1795'	Gry sh interbedded w/tight, gry, fine-gr ss.	5974'	6703'		Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh
1795'	2357'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	6703'	6752'		Highly calc gry sh w/thin lmst. Dk gry shale, fossil & carb w/pyrite incl.
2357'	2510'	Bn-Gry, fine grn, tight ss.	6752'	6886'		Dk gry shale, fossil & carb w/pyrite incl.
2510'	3120'	Shale w/siltstone stringers	6886'	7040'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
3120'	3470'	White, waxy chalky bentonite				
3470'	3925'	Gry fn grn silty, glauconitic sd stone w/drak gry shale				
3925'	4154'	ss. Gry, fine-grn, dense sil ss.				
4154'	4685'	Med-dark gry, fine gr ss, carb sh & coal				
4685'	5048'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation				