

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
JUL - 3 1997
OIL CON. DIV.
DIST. 3

Form C-101
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: Burlington Resources Oil & Gas Co. PO Box 4289 Farmington, New Mexico 87499		OGRID Number 14538
		API Number 30-039-25703
Property Code 7462	Property Name San Juan 28-6 Unit	Well No. 169M

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	2	27N	6W		1680	South	800	East	RA

Proposed Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E/320-32									
Proposed Pool 1 Blanco Mesaverde - 72319					Proposed Pool 2 Basin Dakota - 71599				

Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	M	R	S	6508 GR
Multiple	Proposed Depth	Formation	Contractor	Spud Date
Yes	7747	Mesaverde/Dakota not determined		3rd qtr 1997

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	9 5/8	32.3#	200	188 cu.ft.	Surface
8 3/4	7	20#	3521	899 cu.ft.	Surface
6 1/4	4 1/2	11.6# & 10.5#	0-7747	613 cu.ft.	3421

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Note: To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" x 7" casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the 4 1/2" x 7" overlap and laid down. The liner top can then be pressure tested to ensure a seal between the liner top and the 7" casing has been achieved. The test pressure shall be the maximum anticipated pressure to which the seal will be exposed (700 psi for the Mesa Verde and 2500 psi for the Dakota). The 4 1/2" bridge plug will then be retrieved and the production tubing will be run to produce the well.

11" 2000 psi minimum double gate BOP

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Peggy Bradfield*
Printed name: Peggy Bradfield
Title: Regulatory Administrator
Date: 7-2-97
Phone: (505) 326-9700

OIL CONSERVATION DIVISION

Approved by: *Samie Bush* 7-3-97
Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3
Approval Date: JUL - 3 1997
Expiration Date: JUL - 3 1998
Conditions of Approval:
Attached ☐

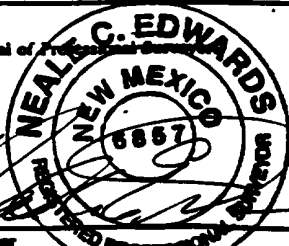
C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.
- 8 The proposed bottom hole location of this well at TD
- 9 and 10 The proposed pool(s) to which this well is being drilled.
- 11 Work type code from the following table:
N New well
E Re-entry
D Drill deeper
P Plugback
A Add a zone
- 12 Well type code from the following table:
O Single oil completion
G Single gas completion
M Multiple completion
I Injection well
S SWD well
W Water supply well
C Carbon dioxide well
- 13 Cable or rotary drilling code
C Propose to cable tool drill
R Propose to rotary drill
- 14 Lease type code from the following table:
S State
P Private
- 15 Ground level elevation above sea level
- 16 Intend to multiple complete? Yes or No
- 17 Proposed total depth of this well
- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.

- 20 Anticipated spud date.
- 21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of casing or depth and top of liner, proposed cement volume, and estimated top of cement
- 22 Brief description of the proposed drilling program and BC program. Attach additional sheets if necessary.
- 23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

16	2579.94'	2618.88'	17 OPERATOR CERTIFICATION
4	3	2 NM-E-290-39	<p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p><u>Peggy Bradfield</u> Signature Peggy Bradfield Printed Name Regulatory Administrator Title <u>7-2-97</u> Date</p>
		1 NM-E-290-42	
		92 NM-E-290-3	<p>18 SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plan was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: right;">5/23/97</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <p>6887</p> <p>Certificate Number</p>
		NM-E-290-37	
NM-E-290-42	NM-E-290-37	2 NM-E-290-42	
167		800'	
		1680'	
	5298.48'	2650.56'	