

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078198 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 - 71399 (505) 326-9700	8. Farm or Lease Name Kessler Com 9. Well Number 3A
4. Location of Well 1010' FNL, 1025' FEL Latitude 36° 47.2, Longitude 107° 56.2	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T-30-N, R-11-W API # 30-045-27703
14. Distance in Miles from Nearest Town 4 miles to Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1010'	17. Acres Assigned to Well 313.36
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 300'	
19. Proposed Depth 5200'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6145' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date 3-31-99

PERMIT NO. \_\_\_\_\_

APPROVAL DATE **MAY 04 1999**

APPROVED BY [Signature]

TITLE Atm Team Lead

DATE \_\_\_\_\_

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

PKA

NMOCD

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

Form C-1C  
Revised February 21, 1995  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29903		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7223	*Property Name KESSLER COM		*Well Number 3A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6145'

#### <sup>10</sup> Surface Location

UL or lot no. A	Section 25	Township 30N	Range 11W	Lot Idn	Feet from the 1010	North/South line NORTH	Feet from the 1025	East/West line EAST	County SAN JUAN
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#### <sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres MV-E/313.36	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 5188.92' 2630.76' 2655.84' 5217.96'	4 RECEIVED MAY - 7 1999 OIL CONSERVATION DIV.	2 SF-078198	1 1010'
	5	7 NM-019411	8
	6	10 SF-078174A	9
	11	14	15
	12	13	

<sup>17</sup> OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
  
Signature  
Peggy Bradfield  
Printed Name  
Regulatory Administrator  
Title  
3-31-99  
Date

<sup>18</sup> SURVEYOR CERTIFICATION  
I hereby certify that the well location shown on this plat 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.  
MARCH 5, 1999  
Date of Survey  
  
Signature and Seal of Professional Surveyor  
  
Certificate Number 6857

OPERATIONS PLAN

**Well Name:** Kessler Com #3A  
**Location:** 1010' FNL, 1025' FEL, Sec 25, T-30-N, R-11-W  
 San Juan County, NM  
 Latitude 36° 47.2, Longitude 107° 56.2  
**Formation:** Blanco Mesa Verde  
**Elevation:** 6145'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1235'	
Ojo Alamo	1235'	1365'	aquifer
Kirtland	1365'	2305'	gas
Fruitland	2305'	2415'	gas
Pictured Cliffs	2415'	2750'	gas
Lewis	2750'	3340'	gas
Huerfanito Bentonite	3340'	3390'	
Chacra	3390'	4285'	gas
Massive Cliff House	4285'	4380'	oil/gas
Menefee	4380'	4899'	gas
Massive Point Lookout	4899'	5165'	gas
Mancos	5165'		
TD	5200'		

Logging Program:

AIT/Dens/Temp - TD to Intermediate Casing  
 GR/Neut - TD to surface

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-9.0	40-50	no control
320-5200'	LSND	8.4-9.0	30-60	no control

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	23.0#	J-55
7 7/8"	0' - 5200'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 5200'      2 3/8"      4.70# EUE

BOP Specifications, Wellhead and Tests:Surface to TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).  
 After nipple-up prior to drilling out surface casing, rams and casing will be tested to 800 psi for 30 minutes.

BOP Specifications, Wellhead and Tests:Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

BURLINGTON RESOURCES OIL & GAS COMPANY KESSLER COM #3A

1010' FNL & 1025' FEL, SECTION 25, T30N, R11W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

