

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM
53 MAY 10 PM 2:21
070 FARMINGTON, NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

4. Location of Well
2480' FNL, 155' FEL
Latitude 36° 41.0, Longitude 107° 50.8

5. Lease Number
SF-077082
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name

8. Farm or Lease Name
Zachry 7654

9. Well Number
#50A

10. Field, Pool, Wildcat
Blanco Mesaverde

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 35, T-29-N, R-10-W
API # 30-045-29726

12. County
San Juan

13. State
NM

14. Distance in Miles from Nearest Town
3 miles to Blanco

15. Distance from Proposed Location to Nearest Property or Lease Line
155'

16. Acres in Lease

17. Acres Assigned to Well
320.00

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
1600'

19. Proposed Depth
4620'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
5605' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: [Signature]
Regulatory/Compliance Administrator

Date: 5-5-99

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MAY 3 5 1999
OIL CON. DIV.
DIST. 3

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

PERMIT NO. _____ APPROVAL DATE 8/3/99

APPROVED BY AS/Duane W. Spencer TITLE Team Lead, Petroleum Management DATE AUG - 3 1999

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.

HOLD C104 FOR NSL (S)
WMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer DD, Artesia, NM 88211-0719

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

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District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

C/O FARMINGTON, NM

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29926		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7654	*Property Name ZACHRY		*Well Number 50A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5605'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	35	29N	10W		2480	NORTH	155	EAST	SAN JUAN

¹¹ 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

¹² Dedicated Acres N/320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

¹⁶

4963.86'

1

NMSF-077082

2

NMSF-080724A

3

35

4

4973.76'

2480'

155'

5280.00'

5280.00'

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

5-5-99
Date

¹⁸ 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.

FEBRUARY 26, 1999
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number 6857

OPERATIONS PLAN

Well Name: Zachry #50A
Location: 2480' FNL, 155' FEL, Sec 35, T-29-N, R-10-W
 San Juan County, NM
 Latitude 36° 41.0, Longitude 107° 50.8
Formation: Blanco Mesa Verde
Elevation: 5605'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	451'	
Ojo Alamo	451'	585'	aquifer
Kirtland	585'	1563'	gas
Fruitland	1563'	1913'	gas
Pictured Cliffs	1913'	2109'	gas
Lewis	2109'	2533'	gas
Huerfanito Bentonite	2533'	3547'	
Chacra	3547'	3554'	gas
Massive Cliff House	3554'	3599'	salt/gas
Menefee	3599'	4209'	gas
Massive Point Lookout	4209'	4501'	gas
Mancos	4501'		
TD	4620'		

Logging Program:

AIT/Dens/Temp - TD to surface
 GR/Neut - TD to surface
 CMR Log - TD to 3888'

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
320-4620'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 4620'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 4620' 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 600 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 ZACHRY #50A

2480' FNL & 155' FEL, SECTION 35, T29N, RIOW, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

