

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-077941 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name McAdams 9. Well Number #3R	
4. Location of Well 1365' FSL, 1535' FEL Latitude 36° 36.0, Longitude 107° 54.9	10. Field, Pool, Wildcat Fulcher Kutz Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 5, T-27-N, R-10-W API # 30-045-30163	
14. Distance in Miles from Nearest Town 8 mi from Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1365'		
16. Acres in Lease	17. Acres Assigned to Well 160 SE/4	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 500'		
19. Proposed Depth 2049'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5959' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u><i>Jimmy Calk</i></u> Regulatory/Compliance Administrator	<u>2-28-00</u> Date	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY *Jim Lovato*

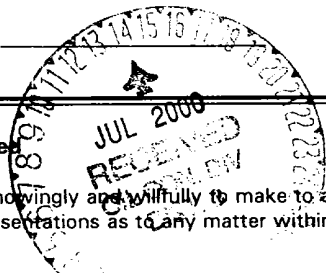
TITLE _____ DATE JUL 12 2000

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.



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

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

16		5280.00'		1331.22'	
LOT 4		LOT 3		LOT 2	
LOT 1				1339.14'	
1320.00'		1320.00'		1320.00'	
2640.00'		2640.00'		2640.00'	
5280.00'		5280.00'		5280.00'	

5

SF-077941

1535'

1365'

1331.22'

1339.14'

1320.00'

2640.00'

5280.00'

1331.22'

1339.14'

1320.00'

2640.00'

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 Cole

Signature

Peggy Cole

Printed Name

Regulatory Administrator

Title

2-28-00

Date

18 SURVEYOR CERTIFICATION

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.

JANUARY 5, 2000

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: McAdams #3R
Location: 1365' FSL, 1535' FEL, Section 5, T-27-N, R-10-W
San Juan County, New Mexico
Latitude 36° 36.0, Longitude 107° 54.9
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5959' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	818'	
Ojo Alamo	818'	963'	aquifer
Kirtland	963'	1357'	
Fruitland	1357'	1849'	gas
Pictured Cliffs	1849'		gas
Total Depth	2049'		

Logging Program: ~~None~~ Csd hole GR/CCL CCH 3/8/00

Coring Program: None

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-2049'	FW	8.4-9.0	32-45	no control

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
8 3/4"	0 - 120'	7"	20#	J-55
6 1/4"	0 - 2049' ✓	3 1/2"	9.3#	J-55

Float Equipment: 7" surface casing - saw tooth guide shoe.
Centralizers will be run in accordance with Onshore Order #2.

3 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 963'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 963'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 1/2" 2000 psi screw on independent wellhead.

Cementing:

7" surface casing - cement with 46 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (54 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. Test casing to 600 psi for 30 minutes.

3 1/2" production casing - Lead w/175 sx Class "B" w/3% sodium metasilicate, 1/4 pps cellophane and 5 pps gilsonite. Tail w/50 sx 50/50 Class "B" Poz w/2% gel, 1/4 pps cellophane, 5 pps gilsonite and 2% calcium chloride (600 cu.ft. of slurry, 120% excess to circulate to surface). WOC 8 hrs. If cement does not circulate to surface, a CBL will be run during completion to determine TOC.

BOP and tests:

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1 and #2). Prior to drilling out surface casing, test rams to 600 psi/30 min.

Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test rams and casing to 2000 psi/15 min.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated to least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- * The Pictured Cliffs formation will be completed.
- * Anticipated pore pressure for the Pictured Cliffs is 600 psi.
- * This gas is dedicated.
- * The southeast quarter of section 5 is dedicated to the Pictured Cliffs.

Steve Campbell
Drilling Engineer

2/28/2000
Date

BURLINGTON RESOURCES OIL & GAS COMPANY McADAMS #3R

1365' FSL & 1535' FEL, SECTION 5, T27N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

300' NEW BLM CONSTRUCTION
250' SWSE SECTION 5, T27N, R10W
50' NWSE SECTION 5, T27N, R10W

