

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
MAY 20 4:18:28
DO NOT WRITE IN THESE SPACES

1a. Type of Work DRILL	5. Lease Number SF-078439 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 Johnston Federal 7208 9. Well Number 30
4. Location of Well 1180' FSL, 1605' FEL Latitude 36° 51.1, Longitude 107° 40.8	10. Well Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 35, T-31-N, R-9-W API # 30-045-29705
14. Distance in Miles from Nearest Town 4 miles to Navajo Dam Post Office	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1180'	17. Acres Assigned to Well 315.92
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 700'	
19. Proposed Depth 7500'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5943' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u>D. B. Shadwick</u> Regulatory/Compliance Administrator	Date <u>3-2-99</u>

PERMIT NO.

APPROVAL DATE

MAY 04 1999

APPROVED BY

TITLE

Acting 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.

OK (S)

NMOCG

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

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

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

59 APR 20 AM 8:28

AMENDED REPORT

070 ELLINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <u>29905</u>		*Pool Code 71599	*Pool Name Basin Dakota
*Property Code 7208	*Property Name JOHNSTON FEDERAL		*Well Number 30
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5943'

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
0	35	31N	9W		1180	= SOUTH	1605	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 Dedication Acres E/315.92		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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		5219.28'		Revised to show name chg 2		1	
4		5		7		8	
5247.00'		35		SF-078439		5254.92'	
12		11		10		9	
13		14		15		16	
2613.60'				1180'		2638.02'	
				1605'			

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
3-2-99
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.
NOVEMBER 2, 1998
Date of Survey
Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
NEW MEXICO
6887
Certificate Number

OPERATIONS PLAN

Well Name: Johnston Federal #30
Location: 1180' FSL, 1605' FEL, Sec 35, T-31-N, R-9-W
San Juan County, NM
Latitude 36o 51.1, Longitude 107o 44.8
Formation: Basin Dakota
Elevation: 5943'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	Tertiary	1501'	
Ojo Alamo	1501'	1567'	
Kirtland	1567'	2721'	
Pictured Cliffs	2721'	2995'	
Lewis	2995'	4548'	
Cliff House	4548'	5307'	
Mancos	5307'	6108'	
Gallup	6108'	6979'	
Greenhorn	6979'	7037'	
Graneros	7037'	7106'	
Two Wells	7106'	7179'	
Paguate	7179'	7230'	
Lower Cubero	7230'	7303'	
Encinal Canyon	7303'	7332'	
Morrison	7332'		
TD	7500'		

Logging Program:

Wireline: Platform Express, ML, CMR

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
320-7500'	LSND	8.4-9.0	30-60	10-20

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"	32.3#	WC-50
7 7/8"	320' - 7500'	4 1/2"	10.5#	J-55

- * We are requesting a variance to Onshore Order #2 concerning the surface casing setting depth. We will limit the maximum shut-in casing pressure to 250 psi which meets the requirement for anticipated surface pressure.

Tubing Program:

0' - 7500' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY JOHNSTON FEDERAL #30

1180' FSL & 1605' FEL, SECTION 35, T31N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SW/SE SECTION 35, T31N, R9W.

