

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 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 18592 Nye SRC 9. Well Number 13E
4. Location of Well 1595' FSL, 1165' FWL Latitude 36° 49.4, Longitude 107° 56.8	10. Field, Pool, Wildcat Basin Dk 11. Sec., Twn, Rge, Mer. (NMPM) L Sec 12, T-30-N, R-11-W API # 30-045-29605
14. Distance in Miles from Nearest Town 2.5 miles to Aztec	12. County SJ 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1165'	
16. Acres in Lease	17. Acres Assigned to Well 320.77 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600'	
19. Proposed Location 7049 This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5925' GR	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> (Regulatory/Compliance Administrator)	Date 4-17-98

PERMIT NO. _____

APPROVAL DATE MAY 28 1998

APPROVED BY /s/ Duane W. Spence

TITLE _____

DATE 20 1998

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.

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THIS SECTION IS SUBJECT TO REVISION AND
REVISIONS SHALL BE MADE TO THE
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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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29605		Pool Code 71599	Pool Name Basin Dakota
Property Code 18592	Property Name NYE SRC		Well Number 13E
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 5925'

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
L	12	30N	11W		1595	South	1165	West	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

Dedicated Acres W/320.71	Joint or Infill	Consolidation Code	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

				<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 4-17-98 Date</p>	
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 13, 1998 Date of Survey</p> <p><i>Neale C. Edwards</i> Signature and Seal of Professional Surveyor</p> <p>NEALE C. EDWARDS NEW MEXICO 6857 PROFESSIONAL SURVEYOR</p> <p>6857 Certificate Number</p>					

OPERATIONS PLAN

Well Name: Nye SRC #13E
Location: 1595' FSL, 1165' FWL Sec 12, T-30-N, R-11-W
San Juan County, NM
Latitude 36° 49.4, Longitude 107° 56.8
Formation: Basin Dakota
Elevation: 5925' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1024'	
Ojo Alamo	1024'	1143'	aquifer
Kirtland	1143'	1818'	
Fruitland	1818'	2429'	gas
Pictured Cliffs	2429'	2603'	gas
Lewis	2603'	3186'	gas
Huerfanito Bentonite	3186'	3485'	gas
Chacra	3485'	4084'	
Massive Cliff House	4084'	4238'	gas
Menefee	4238'	4735'	gas
Massive Point Lookout	4735'	5091'	gas
Mancos	5091'	5978'	
Gallup	5978'	6714'	gas
Greenhorn	6714'	6864'	gas
Dakota	6864'		gas
TD	7049'		

Logging Program:

Mud Logs/Coring/DST -
Coring - none
DST - none
Electric logs - DIL/SP/GR; Density/Neut/GR; Microlog-GR;

Coring: sidewall coring: Lewis 2700-4100'; Mancos 5100-7000'

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-7049'	LSND	8.4-9.0	40-60	no control

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

Casing Program:

<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"	24.0#	WC-50
7 7/8"	0' - 7049'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 7049'	2 3/8"	4.7#	J-55 EUE
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BURLINGTON RESOURCES OIL & GAS COMPANY NYE SRC #13E

1595' FSL & 1165' FWL, SECTION 12, T30N, R11W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

