

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078459B Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name Allison Unit 6784
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Allison Unit 9. Well Number 12M
4. Location of Well 1850' FSL, 1845' FEL Latitude 36° 58.7, Longitude 107° 32.0	10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71599 11. Sec., Twn, Rge, Mer. (NMPM) J Sec 14, T-32-N, R-7-W API # 30-045-29663
14. Distance in Miles from Nearest Town 4 miles to Allison	12. County SJ 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1845'	
16. Acres in Lease	17. Acres Assigned to Well E/ 346.2 E/ 346.2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2500'	
19. Proposed Depth 8426'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6841' 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>[Signature]</u> Regulatory/Compliance Administrator	5-30-98 Date

PERMIT NO. _____

APPROVAL DATE AUG 31 1998

APPROVED BY /S/ Duane W. Spencer

TITLE _____

DATE AUG 31 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.

NMOC

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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-
Revised February 21, 1988
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

58 JUN 18 PM 1:25

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29663	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 6784	Property Name ALLISON UNIT	Well Number 12M
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6841'

10 Surface Location

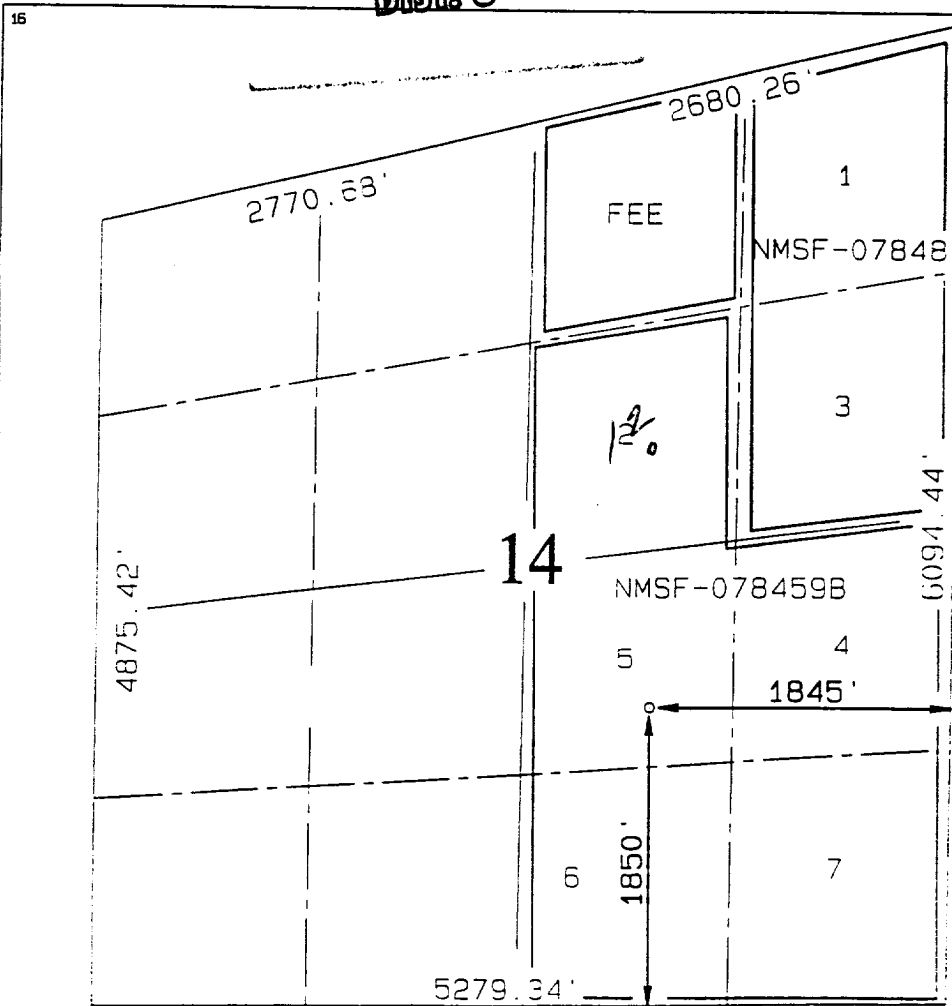
UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
J	14	32N	7W		1850	SOUTH	1845	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres MV-E/346.20 DK-E/346.20	Point of Sale SEP 3 1998	Order No.
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NO ALLOWABLE WITHDRAWAL TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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

Peggy Bradford
Signature

Peggy Bradford
Printed Name
Regulatory Administrator

5-30-98
Date

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 3, 1998
Date of Survey
Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
Certification Number

OPERATIONS PLAN

Well Name: Allison Unit #12M
Location: 1850' FSL, 1845' FEL Sec 14, T-32-N, R-7-W
San Juan County, NM
Latitude 36° 58.7, Longitude 107° 32.0
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6841' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2592'	
Ojo Alamo	2592'	2711'	aquifer
Kirtland	2711'	3198'	
Fruitland	3198'	3569'	gas
Pictured Cliffs	3569'	3595'	gas
Lewis	3795'	4557'	gas
Intermediate TD	3895'		
Huerfanito Bentonite	4557'	5001'	gas
Chacra	5001'	5752'	
Massive Cliff House	5752'	5802'	gas
Menefee	5802'	6026'	gas
Massive Point Lookout	6026'	6473'	gas
Mancos Shale	6473'	7388'	
Gallup	7388'	8121'	gas
Greenhorn	8121'	8176'	gas
Dakota	8176'		gas
TD (4 1/2" liner)	8426'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3895'	LSND	8.4-9.0	30-60	no control
3895-8426'	Gas	n/a	n/a	n/a

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' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3895'	7"	20.0#	J-55
6 1/4"	3795' - 8426'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 8426' 2 3/8" 4.70# EUE

BOP Specifications, Wellhead and Tests:

Surface to Intermediate 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.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY ALLISON UNIT #12M

1850' FSL & 1845' FEL, SECTION 14, T32N, R7W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

2000' NEW BLM CONSTRUCTION
600' NW/SE SECTION 14, T32N, R7W
400' SW/SE SECTION 14, T32N, R7W
1000' SE/SW SECTION 14, T32N, R7W

