

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-081155 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Unit Agreement Name Allison Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 6284 Allison Unit 9. Well Number 27M
4. Location of Well 1545' FNL, 1800' FWL Latitude 36° 57.3, Longitude 107° 30.1	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde/ 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) F Sec 30, T-32-N, R-6-W API # 30-045-29485
14. Distance in Miles from Nearest Town 5 miles to Allison	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1545'	
16. Acres in Lease	17. Acres Assigned to Well 320 N/2 N/320 317.42 N/317.42
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 3500'	
19. Proposed Depth 8084'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6412' 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)	<u>7-31-97</u> Date

PERMIT NO. _____ APPROVAL DATE SEP 03 1997
APPROVED BY /S/ Duane W. Spencer TITLE _____ DATE SEP - 3 1997

Archaeological Report submitted
Threatened and Endangered Species Report submitted by Ecosphere under well name Allison Unit #44A
NOTE: Well Name changed from Allison Unit #44A to Allison Unit #27M. NOS submitted 07-09-97 as #44A

OK

RMOC

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

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

Form C-10

Revised February 21, 199

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-24485	Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota
Property Code 6784	Property Name Allison Unit	Well Number 27M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6412'

10 Surface Location

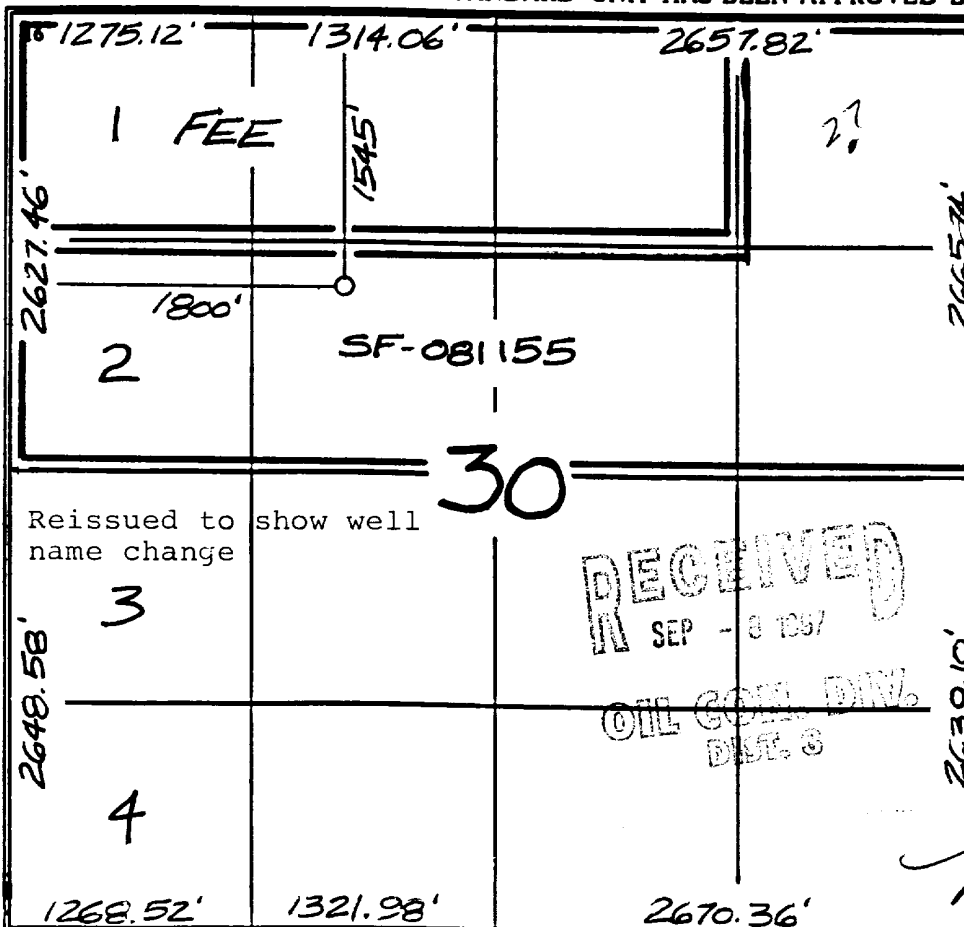
UL or lot no. F	Section 30	Township 32-N	Range 6-W	Lot Idn	Feet from the 1545	North/South line North	Feet from the 1800	East/West line West	County S.J.
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres MV-N/320 317.42 OK-N/320 317.42	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



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
8-7-97
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.

6/12/97
Date of Survey
Signature and Seal of Professional Surveyor
NEALE G. EDWARDS
NEW MEXICO
6857
6857
Certificate Number

July 25, 1997

OPERATIONS PLAN

Well Name: Allison Unit #27M
Location: 1545' FNL, 1800' FWL Sec 30, T-32-N, R-6-W
 San Juan County, NM
 Latitude 36° 57.3, Longitude 107° 30.1
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6412' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2252'	
Ojo Alamo	2252'	2824'	aquifer
Fruitland	2824'	3189'	gas
Pictured Cliffs	3189'	3414'	gas
Lewis	3414'	4174'	gas
Intermediate TD	3514'		
Mesa Verde	4174'	4304'	gas
Chacra	4304'	5378'	
Massive Cliff House	5378'	5419'	gas
Menefee	5419'	5624'	gas
Massive Point Lookout	5624'	6977'	gas
Gallup	6977'	7704'	gas
Greenhorn	7704'	7889'	gas
Dakota	7889'		gas
TD (4 1/2" liner)	8084'		

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
200-3514'	LSND	8.4-9.0	30-60	no control
3514-8084'	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' - 3514'	7"	20.0#	J-55
6 1/4"	3414' - 6855'	4 1/2"	10.5#	J-55
6 1/4"	6855' - 8084'	4 1/2"	11.6#	J-55

Tubing Program:

0' - 8084' 2 3/8" 4.70# EUE

