


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-047017A 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 Angel Peak 9. Well Number 18R
4. Location of Well 1005' FSL, 1080' FWL Latitude 36° 40.3 , Longitude 107° 57.6	10. Field, Pool, Wildcat Fulcher Kutz Pictured Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 12, T-28-N, R-11-W API # 30-045- 29733
14. Distance in Miles from Nearest Town 3 miles to Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1005'	
16. Acres in Lease	17. Acres Assigned to Well 190.89
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 75'	
19. Proposed Depth 2050' Subject to technical and procedural review pursuant to 43 CFR 3102.2 and appeal pursuant to 43 CFR 3102.4	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5762' 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:  Regulatory/Compliance Administrator	11-6-98 Date

PERMIT NO. _____

APPROVAL DATE

FEB 16 1999

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

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.

NMOCD

U.S. DEPARTMENT OF JUSTICE
JANUARY 1950
JANUARY 1950

U.S. DEPARTMENT OF JUSTICE
JANUARY 1950
JANUARY 1950

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 87504-2388

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

03/17/98 PM 1:51 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <u>29733</u>	*Pool Code 77200	*Pool Name Fulcher Kutz Pictured Cliffs
*Property Code 6787	*Property Name ANGEL PEAK	*Well Number 18P
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 5762'

10 Surface Location

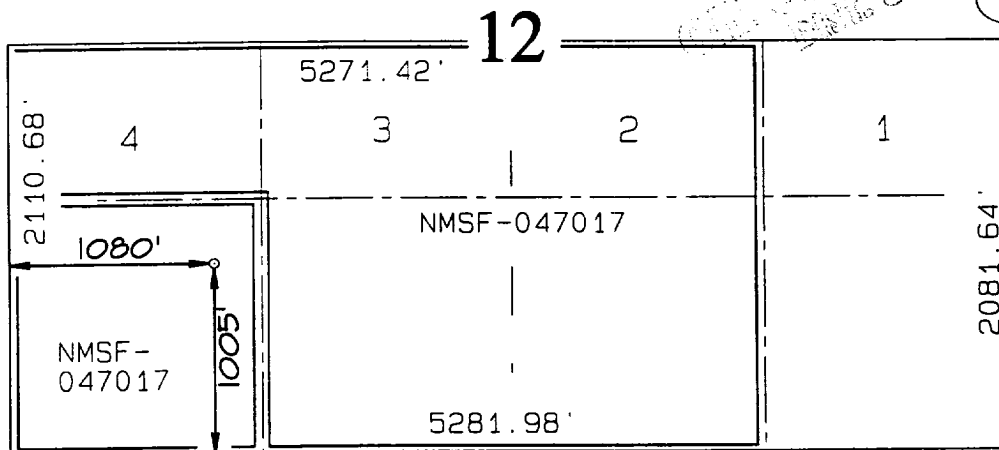
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	12	28N	11W		1005	SOUTH	1080	WEST	SAN JUAN

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

12 Dedicated Acres 190.89	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

Signature

Peggy Bradfield

Printed Name

Regulatory Administrator

Title

11-6-98

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.

SEPTEMBER 21, 1998

Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6850
REGISTERED PROFESSIONAL SURVEYOR
Certificate Number

OPERATIONS PLAN

Well Name: Angel Peak #18R
Location: 1005' FSL, 1080' FWL, Section 12, T-28-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 40.3', Longitude 107° 57.6'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5762'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	663'	
Ojo Alamo	663'	833'	aquifer
Kirtland	833'	1608'	
Fruitland	1608'	1850'	gas
Pictured Cliffs	1850'		gas
Total Depth	2050'		

Logging Program: ~~None~~ *Csd. hole GR/CCL*
CEH 11/16/98

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
120-2050'	Non-dispersed	8.4-9.5	30-60	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"	20.0#	J-55
6 1/4"	0 - 2050'	3 1/2"	9.3#	J-55

Tubing Program: - none

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. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 833'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 833'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY ANGEL PEAK #18R

1005' FSL & 1080' FWL, SECTION 12, T28N, R11W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SW/SW SECTION 12, T28N, R11W.

