

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

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FEB 27 1998

5. Lease Number
SF-047017A
Unit Reporting Number

1b. Type of Well
GAS

OIL CON. DIV.
DIST. 3

6. If Indian, All. or Tribe

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company
14538

7. Unit Agreement Name

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name
6787 Angel Peak
9. Well Number
180

4. Location of Well
960' FSL, 1015' FWL
Latitude 36° 40.3, Longitude 107° 57.6

10. Field, Pool, Wildcat
71629 Basin Ft Coal
11. Sec., Twn, Rge, Mer. (NMPM)
M Sec 12, T-28-N, R-11-W
API # 30-045-29537

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
960'

16. Acres in Lease

17. Acres Assigned to Well
144 254.08

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
2000'

19. Proposed Depth
1950' 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.)
5770' 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: *Regan Spaulfield*
Regulatory/Compliance Administrator

12-31-97
Date

PERMIT NO. _____

APPROVAL DATE FEB 23 1998

APPROVED BY AS/ Duane W. Spencer

TITLE _____

DATE FEB 23 1998

Archaeological Report submitted

Threatened and Endangered Species Report submitted

NOTE: An APD was approved 12-14-93 for this well at 890'FSL, 1190'FWL Sec 12-28-11.

OK Q

NMOCD

RECEIVED
JAN 15 1964

THE MODERN
ARTS

RECEIVED
JAN 15 1964

RECEIVED
JAN 15 1964

RECEIVED
JAN 15 1964

RECEIVED
JAN 15 1964

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, 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

NOV 20 2010 21 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29537		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 6787		5 Property Name ANGEL PEAK			6 Well Number 180
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 5770

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		960	South	1015	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

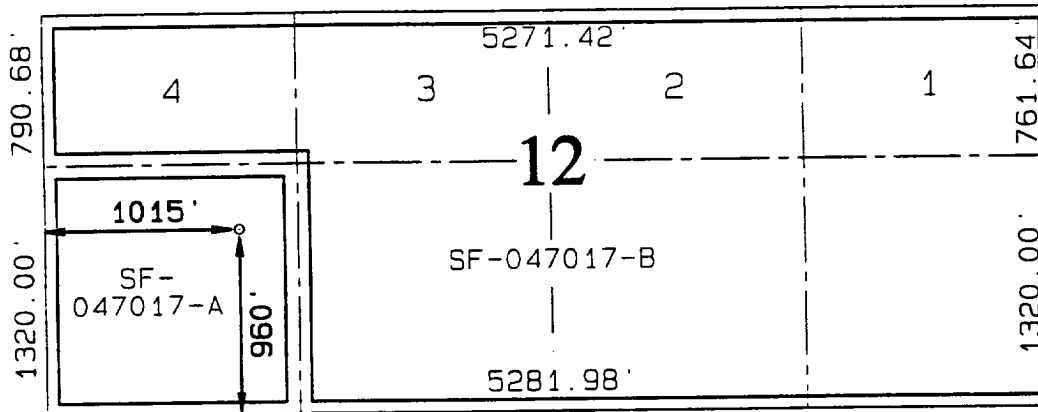
12 Dedicated Acres 254.08	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

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FEB 27 1998

OIL CON. DIV.
DIST. 3



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

Date

12-31-97

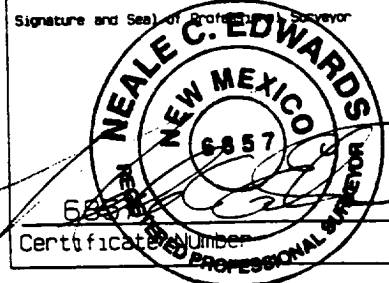
18 SURVEYOR CERTIFICATION

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 19, 1997

Date of Survey

Signature and Seal of Professional Surveyor



REVIEWED
DATE 10/10/10

FOR THE
COURT

OPERATIONS PLAN

Well Name: Angel Peak #180
Location: 960' FSL, 1015' FWL Section 12, T-28-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 40.3, Longitude 107° 57.6
Formation: Basin Fruitland Coal
Elevation: 5770' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	625'	
Ojo Alamo	625'	774'	aquifer
Kirtland	774'	1479'	
Fruitland	1479'	1807'	gas
Fruitland Coal	1625'	1806'	gas
Pictured Cliffs	1807'		
Total Depth	1950'		

Logging Program: Hi Res Ind, DNL, Micro/GR 1700-TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-8.9	40-50	no control
120-1950'	LSND	8.4-9.0	40-60	no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	24.0#	H-40
7 7/8"	0 - 1950'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 1950'	2 3/8"	4.7#	J-55
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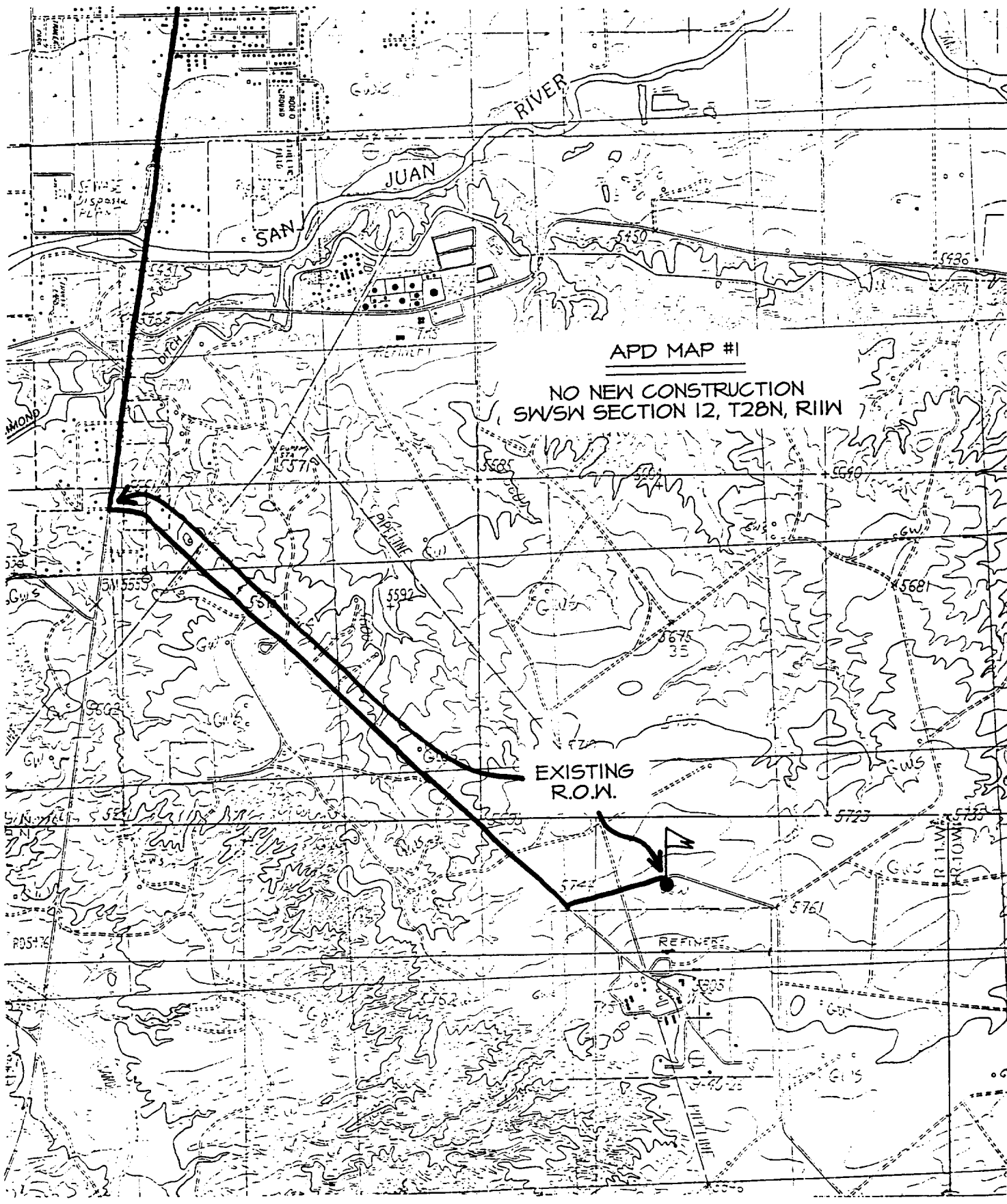
Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two centralizers run every 3rd joint to the base of the Ojo Alamo @ 774'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 774'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY ANGEL PEAK #180

960' FSL 1015' FWL SEC 12, T28N, R11W
SAN JUAN COUNTY, NEW MEXICO



APD MAP #1

NO NEW CONSTRUCTION
SW/4 SECTION 12, T28N, R11W

EXISTING
R.O.W.