

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-25295

RECEIVED
AUG 17 1993

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
MERIDIAN OIL CON. DIV.
14538 DIST. 3

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

4. Location of Well
1850' FNL, 1820' FWL

Latitude 36° 39' 55", Longitude 107° 15' 26"

5. Lease Number
SF-079729

6. If Indian, All. or Tribe

7. Unit Agreement Name

8. Farm or Lease Name
Valdez

9. Well Number
7620
5

10. Field, Pool, Wildcat
Basin Fruitland Coal/ 71629
Choza Mesa Pic. Cliffs EXT

11. Sec., Twn, Rge, Mer.
F Sec 16, T-28-N, R-4-W
NMPM

12. County
Rio Arriba

13. State
NM

14. Distance in Miles from Nearest Town
6 miles from Gobernador, NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1820'

16. Acres in Lease
2560.00
This action is subject to technical and
proper review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

17. Acres Assigned to Well
320 N/2
160 NW/4

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
2100'

19. Proposed Depth
4635'
DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
7468' GR

22. Approx. Date Work will Start
2nd quarter 1993

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: [Signature]
Regional Drilling Engineer

Date 6/4/93

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted
Threatened and Endangered Species Report conducted by CNF
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

APPROVED
AS AMENDED

AUG 15 1993

DISTRICT MANAGER

6857

OPERATIONS PLAN

Well Name: Valdez #5
Location: 1850'FNL, 1820'FWL Section 16, T-28-N, R-04-W
 Rio Arriba County, New Mexico
 Latitude 36° 39' 55", Longitude 107° 15' 26"
Formation: Basin Fruitland Coal/Choza Mesa Pictured Cliffs
Elevation: 7468'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3790'	
Ojo Alamo	3790'	3965'	aquifer
Kirtland	3965'	4005'	
Fruitland	4165'	4311'	
Fruitland Coal Top	4190'	4310'	gas
Pictured Cliffs	4311'	4635'	gas
Total Depth	4635'		

Logging Program: Mud logs from 4100' to Total Depth.
 IND, Dens, Neut, GR, ML to TD.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4635'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0 - 200'	8 5/8"	24.0#	K-40
7 7/8"	0 - 4635'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 4635'	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. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 3965'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3965'. 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" 3000 psi xmas tree assembly.

