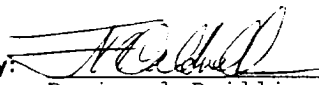


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number Jic. Contract 120 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe Jicarilla Apache	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name OIL CON. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7173 Jicarilla 120 C ✓ 9. Well Number 24	
4. Location of Well 1730' FSL, 830' FWL Latitude 36° 27' 21", Longitude 107° 16' 48"	10. Field, Pool, Wildcat Basin Ft Coal 71629 ✓ 11. Sec., Twn, Rge, Mer. (NMPM) L Sec 29, T-26-N, R-4-W ✓ API # 30-039-25537 ✓	
14. Distance in Miles from Nearest Town 17 miles to Counselors	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 830'	17. Acres Assigned to Well 325.2 W/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 300'	
19. Proposed Depth 3317'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6780' GR	22. Approx. Date Work will Start 3rd quarter 1995	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regional Drilling Engineer	5/27/95 Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Joe Incardine Chief, Lands and Mineral Resources DATE AUG 7 1995
TITLE _____

Archaeological Report submitted by Velarde Energy Service Report #95-432 dated 2-28-95
Threatened and Endangered Species Report to be submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3



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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25537	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 7173	⁵ Property Name Jicarilla 120 C	⁶ Well Number 24
⁷ OGRID No. 14538	⁸ Operator Name Meridian Oil Inc.	⁹ Elevation 6780'

¹⁰ Surface Location

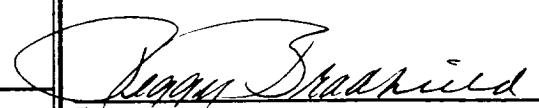
UL or lot no. L	Section 29	Township 26 N	Range 4 W	Lot Idn	Feet from the 1730'	North/South line South	Feet from the 830'	East/West line West	County R.A.
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¹¹ Bottom Hole Location If Different From Surface

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 W/325.20	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 JICARILLA CONTRACT 120 C 5273.40' 5280.00' 830' 1730' 5280.00'	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 Affairs Title 5-11-95 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. 2-25-95 Date of Survey NEALE C. EDWARDS Signature and Seal of Professional Surveyor 9857 6857 Certificate Number
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OPERATIONS PLAN

Well Name: Jicarilla 120 C #24
Location: 1730' FSL, 830' FWL, Section 29, T-26-N, R-4-W
 Rio Arriba County, NM
Formation: Basin Fruitland Coal
Elevation: 6780' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2907'	
Ojo Alamo	2907'	2992'	aquifer
Kirtland	2992'	3127'	
Fruitland	3127'	3327'	
Fruitland Coal Top	3155'	3318'	gas & salt water
Pictured Cliffs	3327'		
Total Depth	3317'		

Logging Program: Mud logs from 2800' to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3154'	Non-dispersed	8.4-9.1	30-60	no control
3154-3317'	Formation Water	8.4		no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3154'	7"	20.0#	K-55
6 1/4"	3004' - 3317'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3317'	2 3/8"	4.7#	J-55
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Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2992'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

Wellhead Equipment: 9 5/8" x 7" x 2 3/8" x 11" 3000 psi xmas tree assembly.