


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

30-037-25437
31 JUN -6 AM 9:46

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-078888	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	7. Unit Agreement Name Rosa Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7440 Rosa Unit 9. Well Number 342 ✓	
4. Location of Well 765' FNL, 2595' FEL Latitude 36° 55' 08", Longitude 107° 13' 24"	10. Field, Pool, Wildcat 71629 Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. 3 Sec 11, T-31-N, R-4-W NMPM	
14. Distance in Miles from Nearest Town 18 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 765'		
16. Acres in Lease	17. Acres Assigned to Well 320 E/2 ✓	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2500'		
19. Proposed Depth 4140'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7406' GR	22. Approx. Date Work will Start 3rd quarter 1994	
23. Proposed Casing and Cementing Program See Operations Plan attached This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
24. Authorized by:  Regional Drilling Engineer	6/1/94 Date	

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

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

APPROVED
AS AMENDED

JUL 12 1994

DISTRICT MANAGER

NMOC

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

RECEIVED

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

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☐ AMENDED REPORT

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25437	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 7440	Property Name Rosa Unit	Well Number 342
OGRID No. 14538	Operator Name Meridian Oil Inc.	Elevation 7406'

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
B	11	31 N.	4 W.		765	North	2595	East	Rio Arriba

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 320	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	5277.31	765'	2595'	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 Representative Title 5-29-94 Date
5280.00	5280.00	5280.00	5280.00	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. 5-10-94 Date of Survey Signature and Seal 6857 Certificate Number
5280.00	5280.00	5280.00	5280.00	

March 23, 1994

OPERATIONS PLAN

Well Name: Rosa Unit #342
Location: 765'FNL, 2595'FEL, Section 11, T-31-N, R-4-W
 Rio Arriba County, New Mexico
 Latitude 36° 27' 20", Longitude 107° 45' 45"
Formation: Basin Fruitland Coal
Elevation: 7046'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3410'	
Ojo Alamo	3410'	3535'	aquifer
Kirtland	3535'	3865'	
Fruitland	3865'	4001'	gas
Fruitland Coal	3947'	3991'	gas
Pictured Cliffs	4001'		
Total Depth	4140'		

Logging Program: Dens/Neut/GL; Dens/GR; Micro/GR: 3000-TD
 Ind/GR/SP: surface-TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4140'	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 - 4140'	4 1/2"	10.5#	K-55

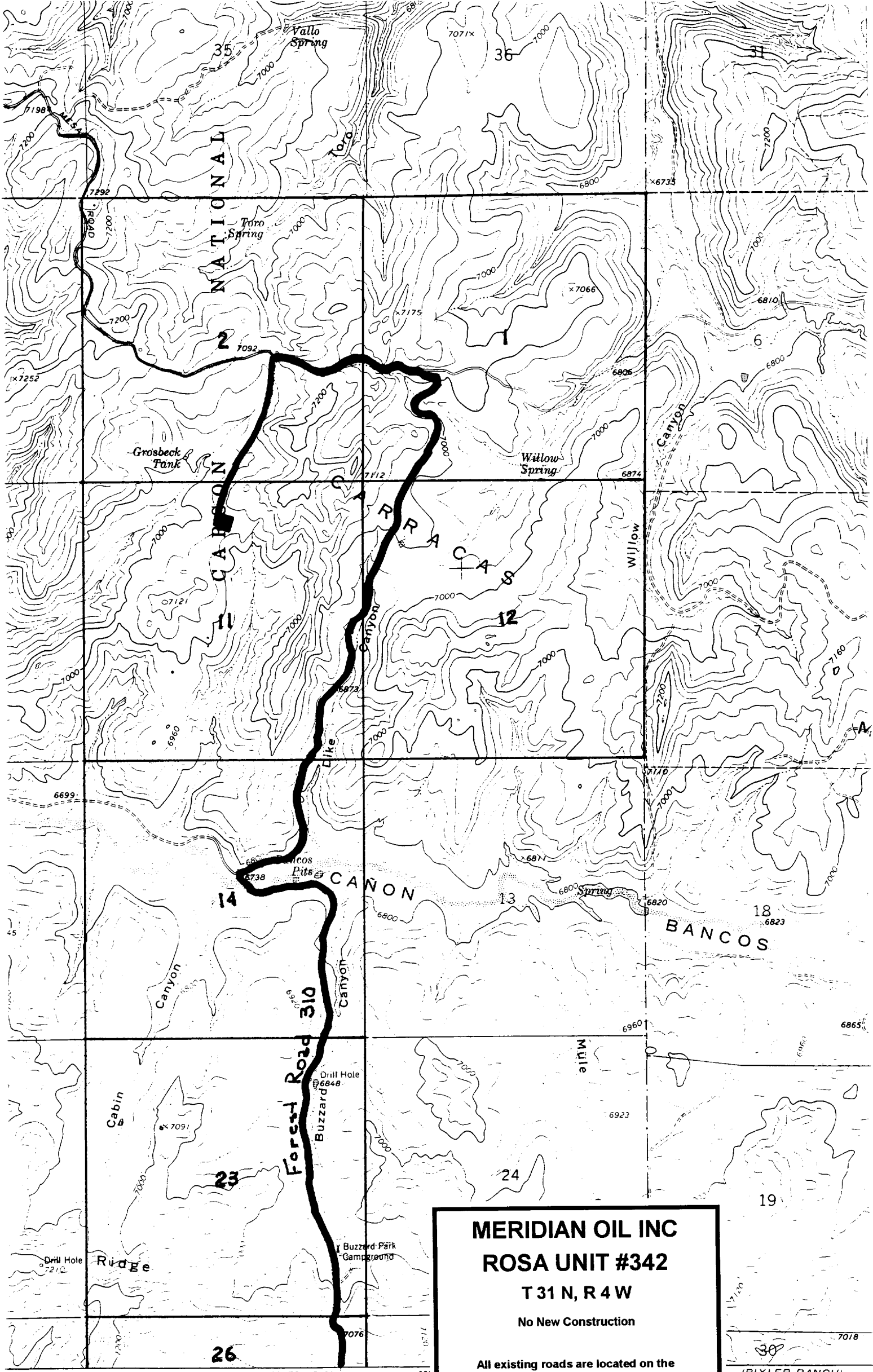
Tubing Program:

0 - 4140'	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 @ 3535'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3535'. 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 xmas tree assembly.



ed by the Geological Survey

ods from aerial photographs



MERIDIAN OIL INC
ROSA UNIT #342
T 31 N, R 4 W
No New Construction

All existing roads are located on the
Carson National Forest

APD MAP #1

30
(BIXLER RANCH)
4557 1 SW
SCALE 1:24 000
0
1000 0 1000 2000 3000 4000