

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

61-132-00-112:17

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-045-29152

1a. Type of Work DRILL	RECEIVED AUG 1 0 1994	5. Lease Number SF-078507
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL - OIL CON. DIV. 14538 DIST. 3	7. Unit Agreement Name San Juan 32-9 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7473 San Juan 32-9 Unit	
	9. Well Number 115	
4. Location of Well 1640' FSL, 975' FWL Latitude 36° 55' 27", Longitude 107° 50' 21"	10. Field, Pool, Wildcat 72359 Blanco Pic. Cliffs EXT	
	11. Sec., Twn, Rge, Mer. L Sec 1, T-31-N, R-10-W NMPM	
14. Distance in Miles from Nearest Town 3 miles to Cedar Hill	12. County San Juan	
	13. State NM	
15. Distance from Proposed Location to Nearest Property or Lease Line 975'		
16. Acres in Lease	17. Acres Assigned to Well 145.52 SW/4	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 20'		
19. Proposed Depth 3700'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6577'	22. Approx. Date Work will Start 2nd 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 9105.3 and appeal pursuant to 43 CFR 9105.4	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date 4/11/94	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ 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

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

FARMINGTON COPY

APPROVED
AS AMENDED

MAY 15 1994

DISTRICT MANAGER

Submit to Assessor
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 00, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba St., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

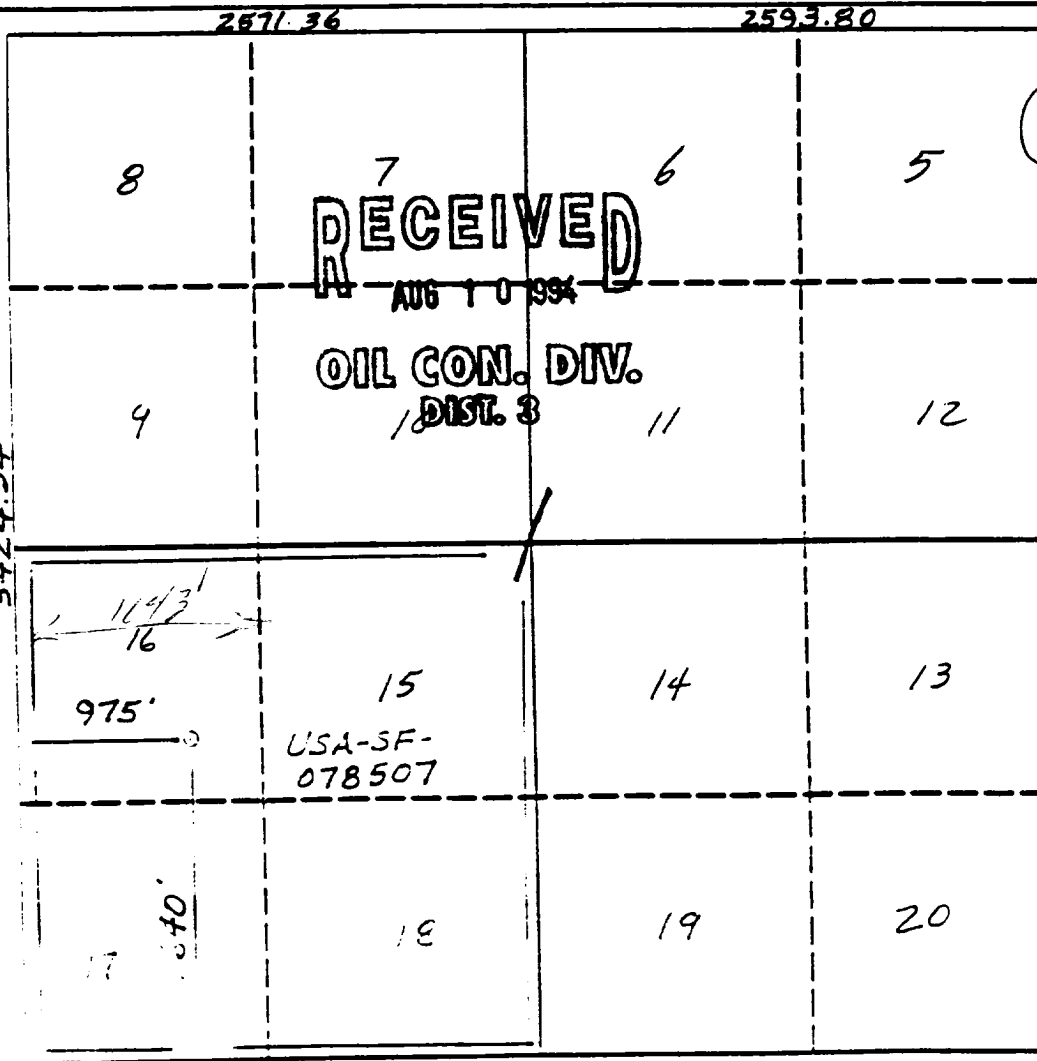
All Distances must be from the outer boundaries of the section

Operator	Meridian Oil Inc. 14538		Lease	San Juan 32-9 Unit 7473		Well No.	115
Unit Letter	Section	Township	Range	County			
L	1	31 North	10 West	NMNM		San Juan	
Actual Forage Location of Well:							
1640		feet from the	South	line and	975	feet from the	West
Ground level Elev.		Producing Formation		Foot	Dedicated Acreage		
6577'		Pictured Cliffs		Blanco EXT	72359	145.52	Acres

- Outline the acreage dedicated to the subject well by colored pencil or facsimile marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by commutation, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation unitization
If answer is "no" list the covenants and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).

No allowance will be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name

Regulatory Representative

Position

Meridian Oil Inc.

Company

4-10-94

Date

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 knowledge and belief.

2-21-94

Date Surveyed

C. EDWARDS

Needle & Thread

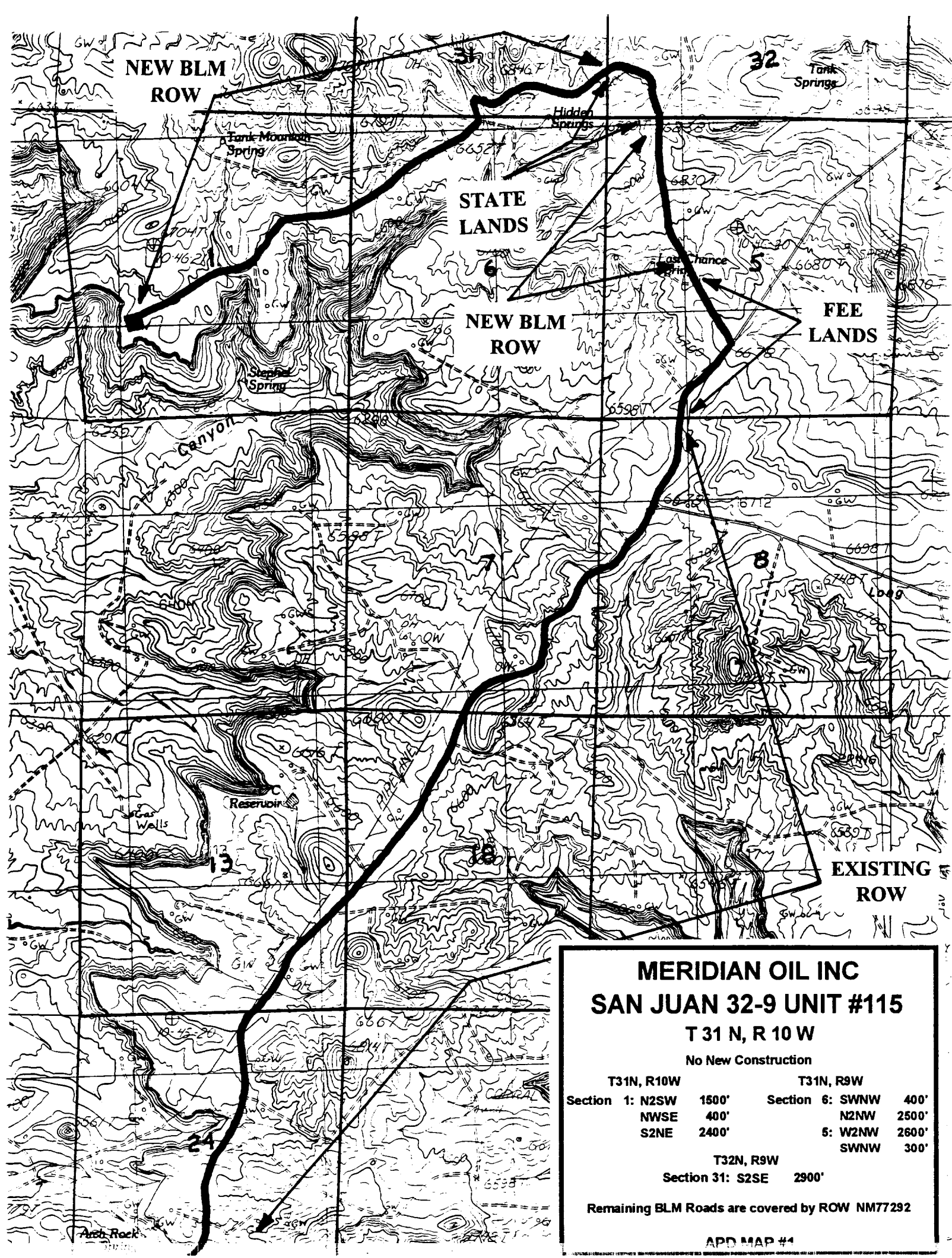
Professional Surveyor

9857

Public Survey

Carroll County, NM

6857



MERIDIAN OIL INC
SAN JUAN 32-9 UNIT #115

T 31 N, R 10 W

No New Construction

T31N, R10W		T31N, R9W	
Section 1: N2SW	1500'	Section 6: SWNW	400'
NWSE	400'	N2NW	2500'
S2NE	2400'	5: W2NW	2600'
		SWNW	300'

T32N, R9W
Section 31: S2SE 2900'

Remaining BLM Roads are covered by ROW NM77292

APP MAP #4

April 10, 1994

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #115
Location: 1640'FSL, 975'FWL Section 1, T-31-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 55' 27", Longitude 107° 50' 21"
Formation: Blanco Pictured Cliffs
Elevation: 6577'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1700'	
Ojo Alamo	1700'	1890'	aquifer
Kirtland	1890'	3020'	
Fruitland	3020'	3410'	
Fruitland Coal Top	3110'	3410'	gas
Pictured Cliffs	3410'		gas
Total Depth		3700'	

Logging Program: Mud logs from 1850' to Total Depth.
 CNL/hi res LDT/ML/GR/CAL to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3700'	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-55
7 7/8"	0 - 3700'	4 1/2"	10.5#	K-55

Tubing Program: - 2 3/8", 4.7#, J-55 EUE 8rd tbg landed @ 3700'

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 @ 1890'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1890'. 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.