

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

30-045-29129

8:27

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078509	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL 14538	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 41A	
4. Location of Well 815' FSL, 1120' FEL Latitude 36° 56' 11", Longitude 107° 48' 55"	10. Field, Pool, Wildcat 72359 Blanco Pic.Cliffs EXT 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. P Sec 31, T-32-N, R-9-W (20) NMPM	
14. Distance in Miles from Nearest Town 10 miles to Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 815'	17. Acres Assigned to Well E/309.21/160 154.76	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 300'		
19. Proposed Depth 6250'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6765'	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: <u>[Signature]</u> Regional Drilling Engineer	Date <u>5/9/94</u>	

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

APPROVED
AS AMENDED

MAY 26 1994

DISTRICT MANAGER

NMOCB

Submit to Appropriate
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

RECEIVED

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

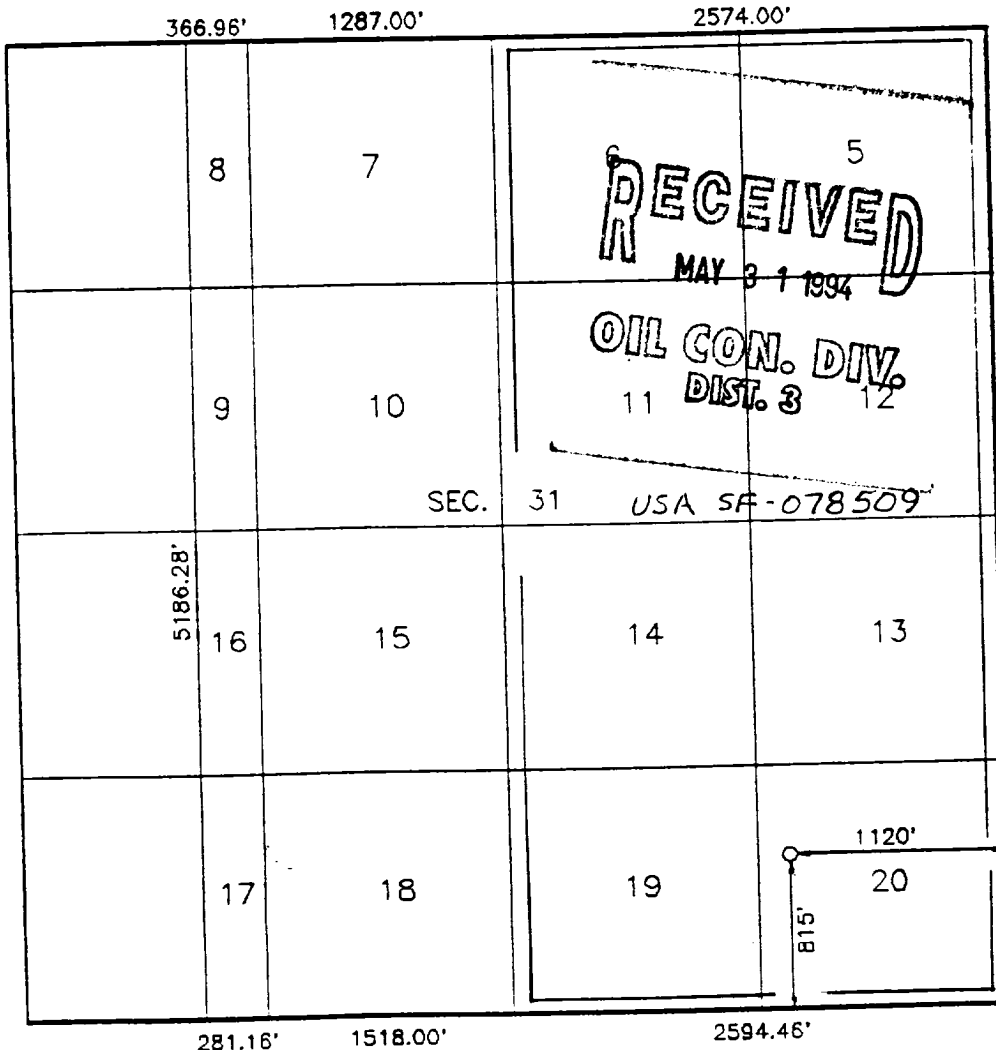
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Bravo Rd., 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. 41-A
Unit Lease P	Section 31	Township 32 NORTH	Range 9 WEST	County SAN JUAN
Acres Footage Location of Well: 815 feet from the SOUTH line and 1120 feet from the EAST line				
Ground level Elev. 6765'	Producing Formation 72319 Mesa Verde/Pic Cliffs 72359		Foot Blanco /Blanco EXT	Dedicated Acreage 154.76 E/309.21 Acres
1. Outline the acreage dedicated to the subject well by colored pencil or ballpoint marker on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, some-pooling, etc.? ☒ Yes ☐ No If answer is "yes" type of consolidation <u>unitization</u> If answer is "no" list the owners 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 communitization, unitization, some-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

5-4-94

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.

3/25/94

Date

C. EDWARDS

Notary Public

Professional Surveyor

9857

6857

May 9, 1994

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #41A
Location: 815'FSL, 1120'FEL Section 31, T-32-N, R-9-W
 Rio Arriba County, New Mexico
 Latitude: 36° 56' 11", Longitude 107° 48' 55"
Formation: Blanco Pictured Cliffs/Blanco Mesa Verde
Elevation: 6765'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1988'	
Ojo Alamo	1988'	2076'	aquifer
Kirtland	2076'	3177'	
Fruitland	3177'	3606'	gas
Pictured Cliffs	3606'	3867'	gas
Lewis	3867'	4324'	
Intermediate TD	4065'		
Huerfanito Bentonite	4324'	4741'	
Chacra	4741'	5166'	
Upper Cliff House	5166'	5610'	gas
Menefee	5610'	5900'	gas
Point Lookout	5900'		gas
Total Depth	6250'		

Logging Program:

Openhole Wireline Logging -
 Surface to Intermediate : DIL-GR, FDC-CNL & ML
 Intermediate TD to Total Depth : DIL-GR, FDC-CNL & Temp
 Mud Logs/Coring/DST -
 Mud logs - 2000' to Intermediate Depth
 Coring - none
 DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-8.9	40-50	no control
200-4065'	LSND	8.4-9.1	30-60	no control
4065-6250'	Gas/Mist	n/a	n/a	n/a

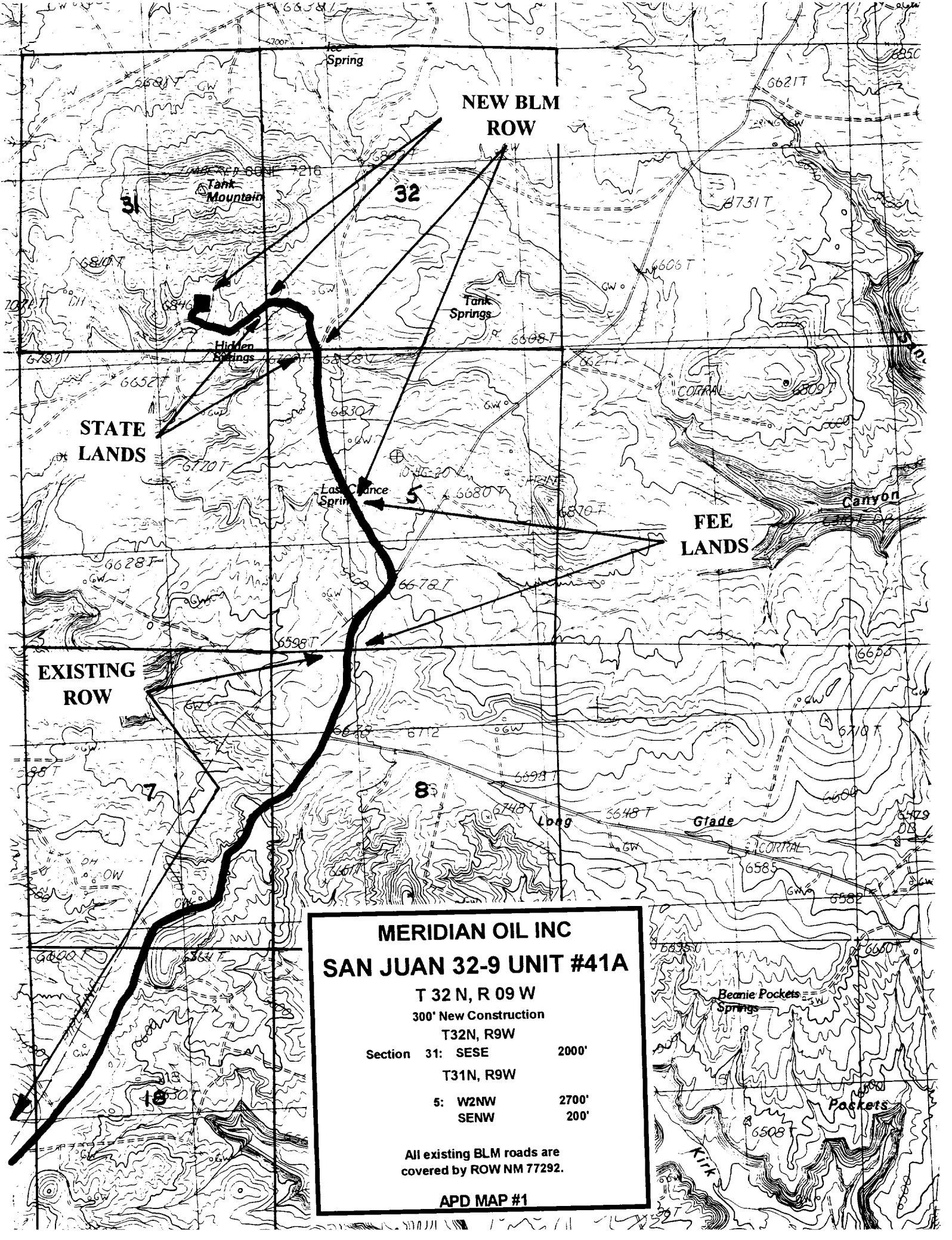
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 4065'	7"	20.0#	K-55
6 1/4"	3915' - 6250'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6250' 2 3/8" 4.7# J-55 EUE



MERIDIAN OIL INC
SAN JUAN 32-9 UNIT #41A
T 32 N, R 09 W
300' New Construction
T32N, R9W
Section 31: SESE 2000'
T31N, R9W
5: W2NW 2700'
SENW 200'

All existing BLM roads are covered by ROW NM 77292.

APD MAP #1