

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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93 JUN -7 AM 7:49

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

070 FARMINGTON, NM

1a. Type of Work
DRILL

1b. Type of Well
GAS

JUN 1 4 1993

OIL CON. DIV.

5. Lease Number

SF-079250 079520

6. If Indian, All. or Tribe

2. Operator

MERIDIAN OIL Inc.
14538

DIST. 3

7. Unit Agreement Name

San Juan 28-5 Unit,
7460

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name

San Juan 28-5 Unit

9. Well Number

229

4. Location of Well

1065' FSL, 1190' FWL

Latitude 36° 37' 40", Longitude 107° 21' 04"

10. Field, Pool, Wildcat

71629 Basin Fruitland Coal/
72439 S. Blanco Pic. Cliffs

11. Sec., Twn, Rge, Mer.

11 Sec 27, T-28-N, R-5-W
NMMP

14. Distance in Miles from Nearest Town

5 miles to Gobernador, NM

12. County

Rio Arriba

13. State

NM

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

1065'

16. Acres in Lease

1156.470

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

17. Acres Assigned to Well

320/160 S/2 SW/4

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

400'

19. Proposed Depth

3775'

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

20. Rotary or Cable Tools

Rotary

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

6771' GR

22. Approx. Date Work will Start

2nd quarter 1993

23. Proposed Casing and Cementing Program

See Operations Plan attached

24. Authorized by:

Regional Drilling Engineer

6/1/93

Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report submitted 4-13-93

Threatened and Endangered Species Report submitted 4-26-93

APPROVED
AS AMENDED

JUN 1 1993

NMOCD

DISTRICT MANAGER

Schedule to Appropriations
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
Form C-182
BLM Revised 1-1-89

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

070 FARMINGTON, NM

DISTRICT III
1000 Rio Grande 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.			Lease San Juan 28-5			Well No. 229		
Unit Letter M	Section 27	Township 28 North	Range 5 West	County Rio Arriba				
Actual Footage Location of Well: 1065 feet from the South line and 1190 feet from the West line								
Ground level Elev. 6771'			Producing Formation Fruitland Coal/Pic. Cliffs			Pool Basin/So. Blanco		Dedicated Acreage 320/160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or indelible marks 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, forced-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation unitization

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

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

5291.88

RECEIVED

JUN 14 1993

OIL CON. DIV.
DIST. 3

SF-079250

1190'

1065'

OPERATOR CERTIFICATION

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

Peggy Bradford
Signature

Peggy Bradford
Printed Name

Regulatory Representative
Position

Meridian Oil Inc.
Company

Date
5-27-93

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.

Date Surveyed
12-15-92
Needle Creek

Signature of Surveyor
Professional Surveyor

9357

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #229
Location: 1065'FSL, 1190'FWL Section 27, T-28-N, R-05-W
 Rio Arriba County, New Mexico
 Latitude 36° 39' 35", Longitude 107° 16' 36"
Formation: Basin Fruitland Coal/So. Blanco Pictured Cliffs
Elevation: 6771'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	2950'	
Ojo Alamo	2950'	3130'	aquifer
Kirtland	3130'	3430'	
Fruitland	3430'	3624'	
Fruitland Coal Top	3470'	3620'	gas
Pictured Cliffs	3624'	3775'	gas
Total Depth	3775'		

Logging Program: Mud logs from 3400' to Total Depth.
 DIL-GR, Neut-GR, DIL-SP-GR - surface to TD.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-3775'	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 - 3775'	4 1/2"	10.5#	K-55

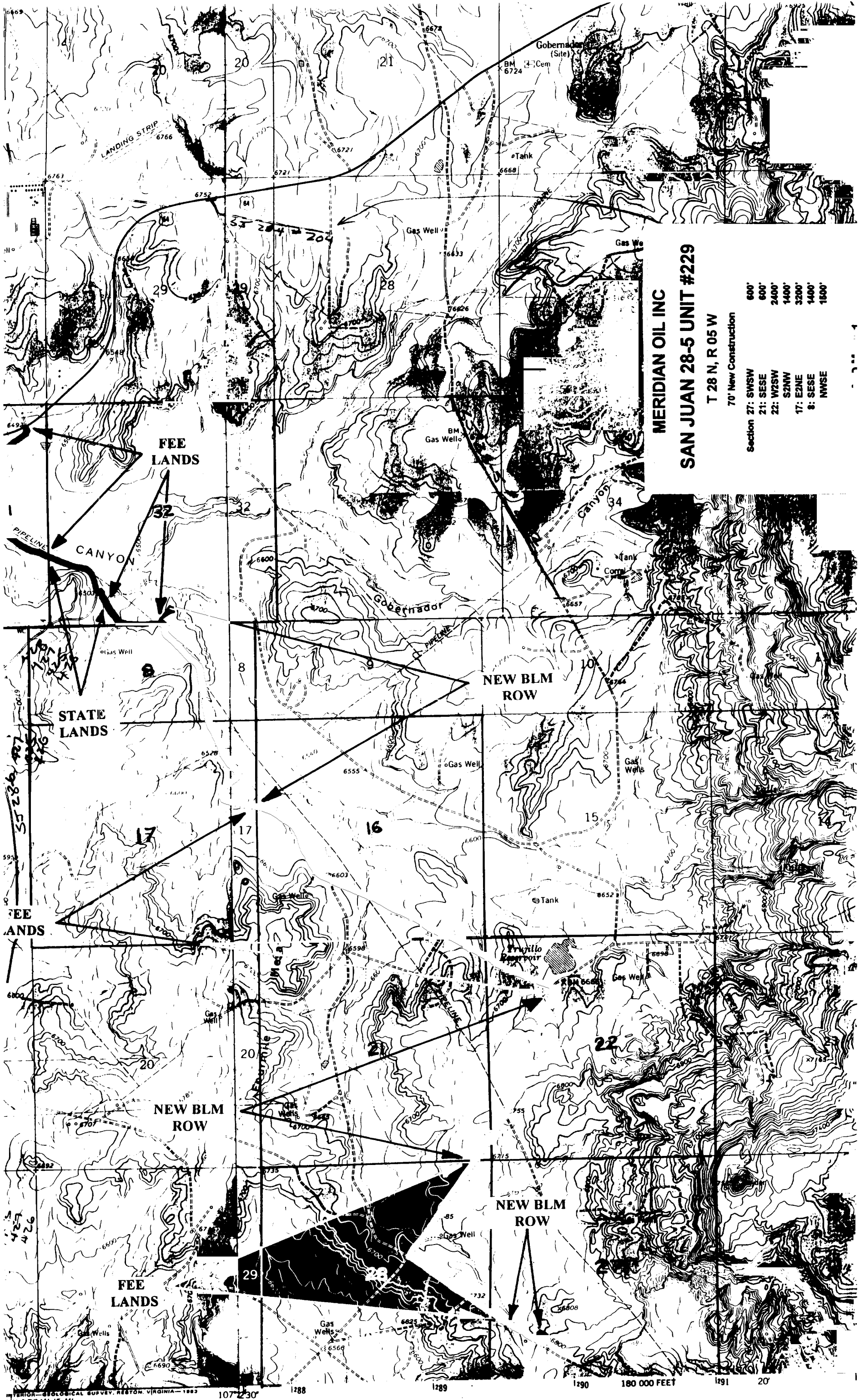
Tubing Program:

0 - 3775'	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 @ 3130'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3130'. 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.



MERIDIAN OIL INC
SAN JUAN 28-5 UNIT #229

T 28 N, R 05 W
70' New Construction

Section 27: SWSW	600'
21: SESE	600'
22: W2SW	2400'
S2NW	1400'
17: E2NE	3200'
8: SESE	1400'
NWSE	1800'