

Grid: 14538
Prop: 7459
Pool: 71629, 77440

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 SF-079727	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator MERIDIAN OIL	7. Unit Agreement Name San Juan 28-4 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-4 Unit 9. Well Number 225	
4. Location of Well 695' FSL, 1375' FWL Latitude 36° 40' 17", Longitude 107° 17' 43"	10. Field, Pool, Wildcat Basin Ft Coal GOVERNADOR PC EXT 11. Sec., Twn, Rge, Mer. N Sec 7, T-28-N, R-4-W NMPM	
14. Distance in Miles from Nearest Town 6 miles to Gobernador, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 695'	17. Acres Assigned to Well S/2 228.88 SW/4 110.60	RECEIVED BLM 93 MAY 28 PM 3:19
16. Acres in Lease 689.760 DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 155'	
19. Proposed Depth 4550' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7380' 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	Date 5/25/93	

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

Archaeological Report to be submitted
Threatened and Endangered Species Report done by Forest Service

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

C-104 For NSL to NPS @ NMOC

APPROVED
AS AMENDED

AUG 26 1993

DISTRICT MANAGER

Submit to Applicant:
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
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, Arroyo, NM 88210

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 28-4 Unit

Upr. Corner

N

Section

7

Township

28 North

Range

4 West

County

SAN JUAN

Rio Arriba

Actual Surface Location of Well:

695

feet from the

South

line and

1375

feet from the

West

line

Casualty Elev.

7380'

Producing Formation

Fruitland Coal/Pic. Cliffs

Pool

Basin/Groza Mesa

Dedicated Acreage

229.88/114.60

1. Outline the acreage dedicated to the subject well by colored pencil or ink 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 names of all owners been consolidated by communication, unconsolidation, force-pooling, etc.?

☒ Yes

☐ No

If answer is "yes" type of consolidation

Unitization

If answer is "no" list the owners and their 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 communication, unconsolidation, force-pooling, or otherwise) or until a non-standard unit, encompassing 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

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company

5-25-93

Date

SURVEYOR CERTIFICATION

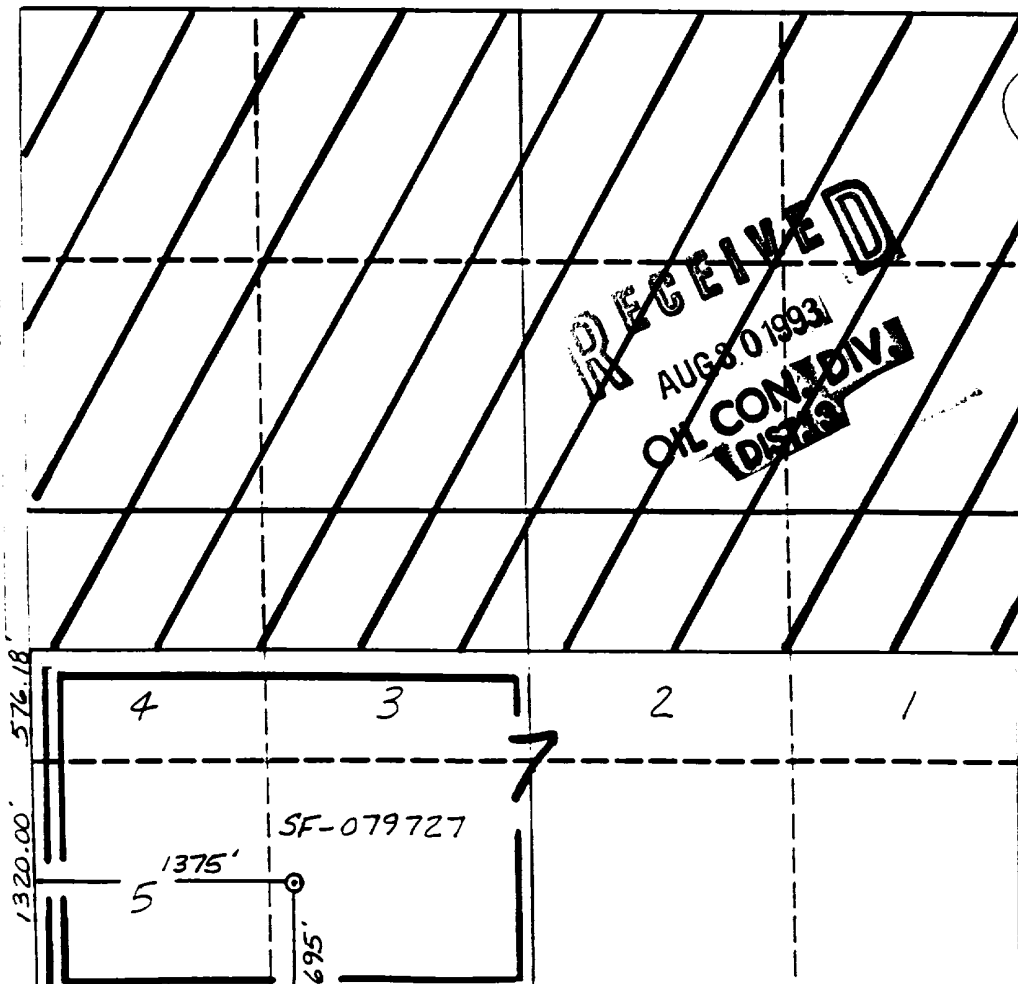
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 4-13-93

Date Surveyed
Neal C. Edwards

Signature of
Professional Surveyor

3337

Certification No.



OPERATIONS PLAN

Well Name: San Juan 28-4 Unit #225
Location: 695'FSL, 1375'FWL Section 7, T-28-N, R-04-W
 Rio Arriba County, New Mexico
 Latitude 36° 40' 17", Longitude 107° 17' 43"
Formation: Basin Fruitland Coal/Choza Mesa Pictured Cliffs
Elevation: 7380'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	3705'	
Ojo Alamo	3705'	3840'	aquifer
Kirtland	3840'	4090'	
Fruitland	4090'	4270'	
Fruitland Coal Top	4120'	4368'	gas
Pictured Cliffs	4270'	4550'	gas
Total Depth	4550'		

Logging Program: Mud logs from 3700' to Total Depth.
 DIL, CNL-LDT, ML, NGT, HR Density -surface to TD.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-4550'	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 - 4550'	4 1/2"	10.5#	K-55

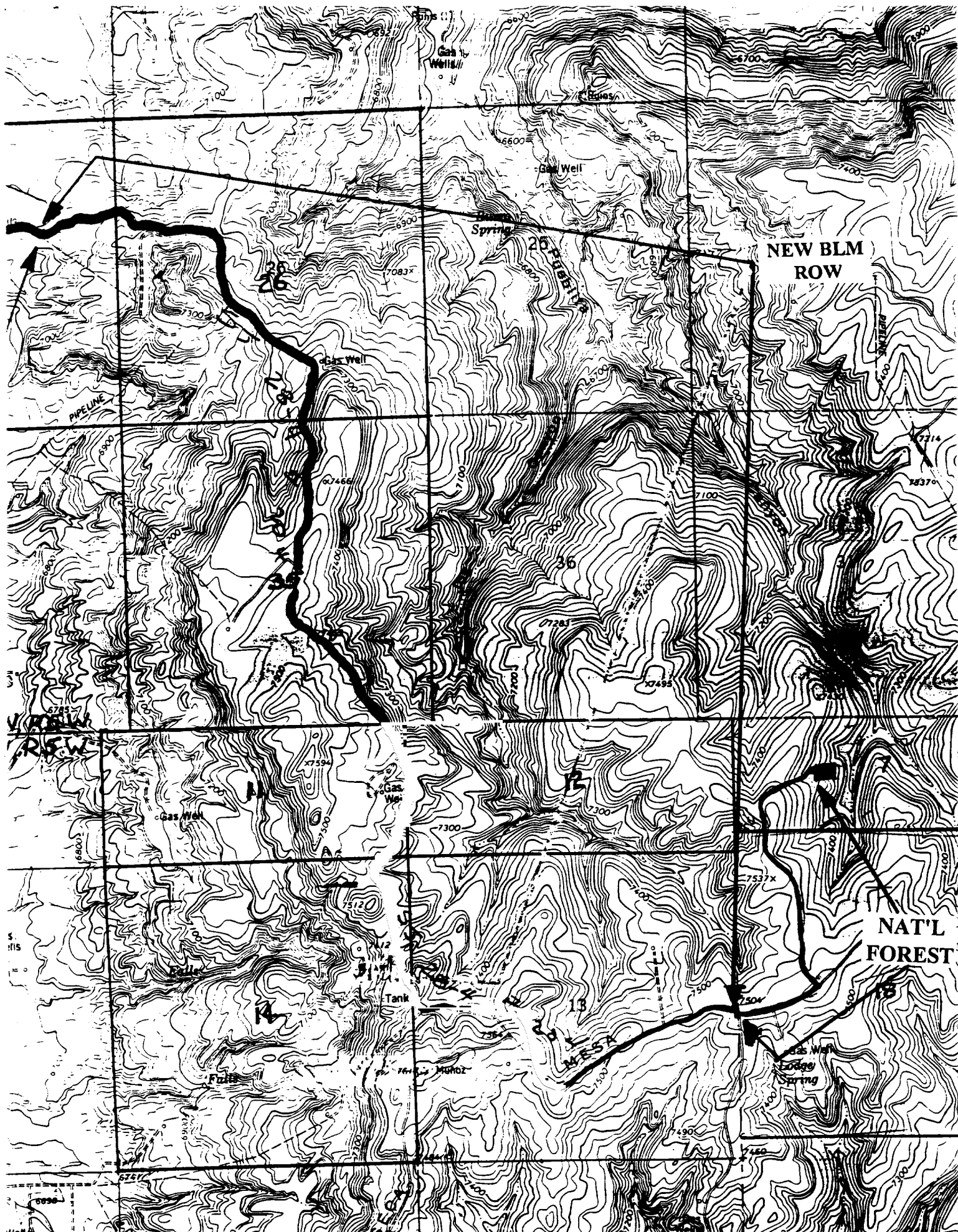
Tubing Program:

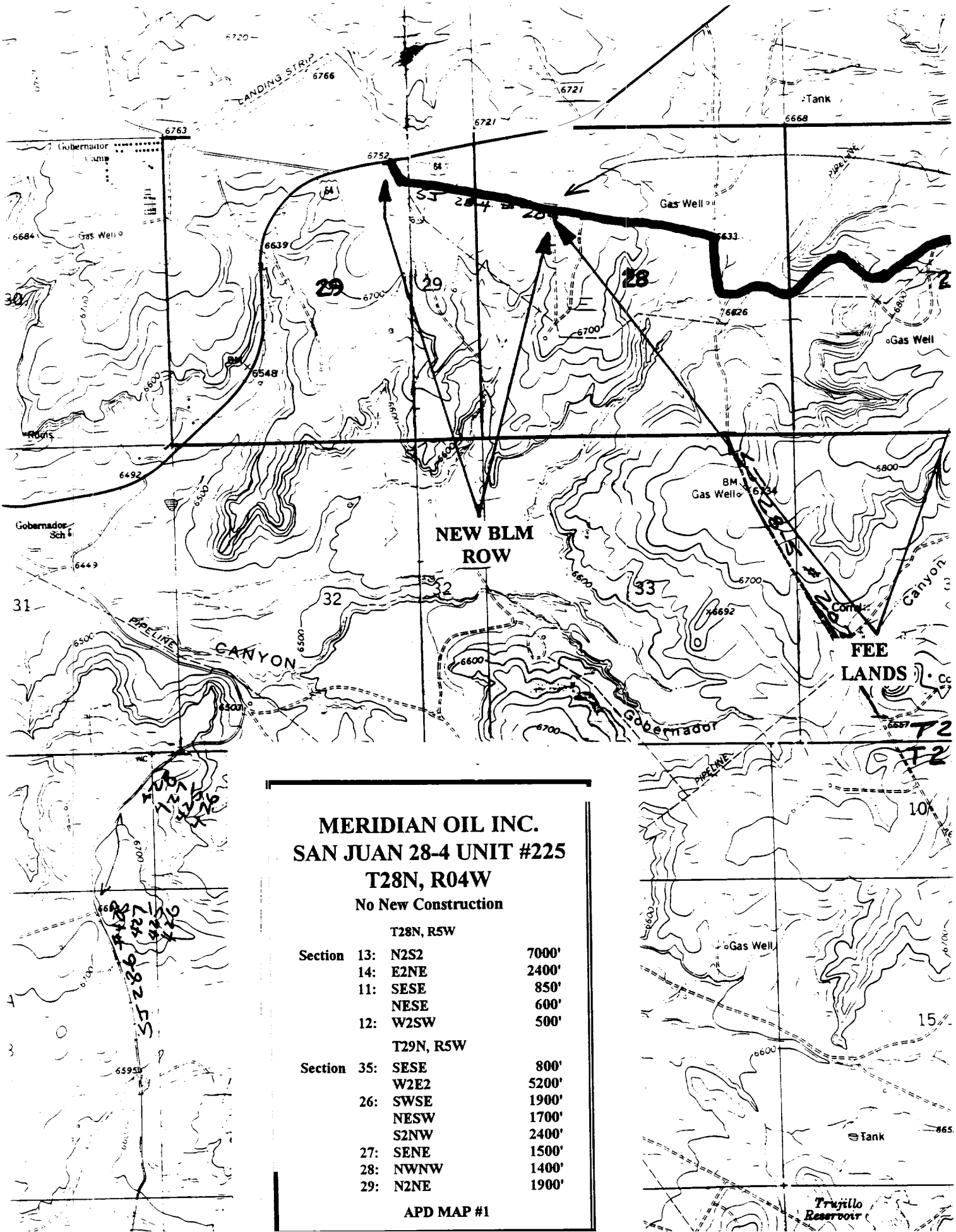
0 - 4550'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

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 @ 3840'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 3840'. 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 28-4 UNIT #225
T28N, R04W
No New Construction

T28N, R5W		
Section 13:	N2S2	7000'
14:	E2NE	2400'
11:	SESE	850'
	NESE	600'
12:	W2SW	500'
T29N, R5W		
Section 35:	SESE	800'
	W2E2	5200'
26:	SWSE	1900'
	NESW	1700'
	S2NW	2400'
27:	SENE	1500'
28:	NWNW	1400'
29:	N2NE	1900'

APD MAP #1