

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-25273

010 FARMINGTON, NM

1a. Type of Work DRILL	RECEIVED JUN 1 0 1993	5. Lease Number SF-080712A
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL INC. 14538	OIL CON. DIV DIST. 3	7. Unit Agreement Name San Juan 30-6 Unit 7469
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name San Juan 30-6 Unit 9. Well Number 48R
4. Location of Well 2295' FSL, 725' FWL Latitude 36° 46' 58", Longitude 107° 27' 22"		10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. L Sec 27, T-30-N, R-6-W NMMPM
14. Distance in Miles from Nearest Town 11 miles to Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 725'		
16. Acres in Lease 1866.90	17. Acres Assigned to Well 320 W/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 150'		
19. Proposed Depth 6083'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6439' GR	22. Approx. Date Work will Start 2nd quarter 1993	
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.	
24. Authorized by: <i>[Signature]</i> Regional Drilling Engineer	Date: 4/27/93	

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

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

Archaeological Report submitted 12-23-92
Threatened and Endangered Species Report to be submitted

APPROVED
AS AMENDED

JUN 04 1993

DISTRICT MANAGER

NMOCD

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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Form C-102
Revised 1-1-89
BLM

OIL CONSERVATION DIVISION

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

SON MAY -4 PM 3:19

070 EASTERN, NM

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

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

DISTRICT
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 30-6 Unit		Well No. 48R	
U.S. Letter L	Section 27	Township 30 North	Range 6 West	County NM, Rio Arriba	
Actual Footage Location of Well: 2295 feet from the South line and 725 feet from the West line					
Ground Level Elev. 6439'		Producing Formation Mesa Verde		Pool Blanco	
				Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by corner points or section 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, force-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 allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, consolidating such interest, has been approved by the Division.

USA NM-04052			
TR 43			
USA SF-080712-A			
725'		27	
2295'			

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JUN 1 0 1993

OIL CON. DIV
DIST. 3

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

Printed Name
Regulatory Rep

Position
Meridian Oil Inc.

Company

Date
4-27-93

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
1-14-93

Needle
C. EDWARDS

Signature
Professional Surveyor

6857

April 27, 1993

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #48R
Location: 2295'FSL, 725'FWL Section 27, T-30-N, R-6-W
 Rio Arriba County, New Mexico
 Latitude 36° 46' 58", Longitude 107° 27' 22"
Formation: Blanco Mesa Verde
Elevation: 6439'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2413'	
Ojo Alamo	2413'	2610'	aquifer
Kirtland	2610'	2988'	gas
Fruitland	2988'	3371'	gas
Pictured Cliffs	3371'	3613'	gas
Lewis	3613'	4113'	gas
Intermediate TD	3763'		
Chacra	4413'	5261'	gas
Mesa Verde	5261'		gas
Massive Cliff House	5261'	5303'	gas
Menefee	5303'	5583'	gas
Massive Point Lookout	5583'	5651'	gas
Lower Point Lookout	5651'		gas & oil
Total Depth	6083'		

Logging Program:

Openhole Wireline Logging -
 Surface to Intermediate TD : DIL/LDT/CNL/ML
 Intermediate TD to Total Depth : DIL/LDT/Ep Neut/Temp
 Mud Logs/Coring/DST -
 Mud logs - none
 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
200-3763'	Weighted	8.4-9.1	30-60	no control
3763-6083'	Gas/Mist	n/a	n/a	n/a

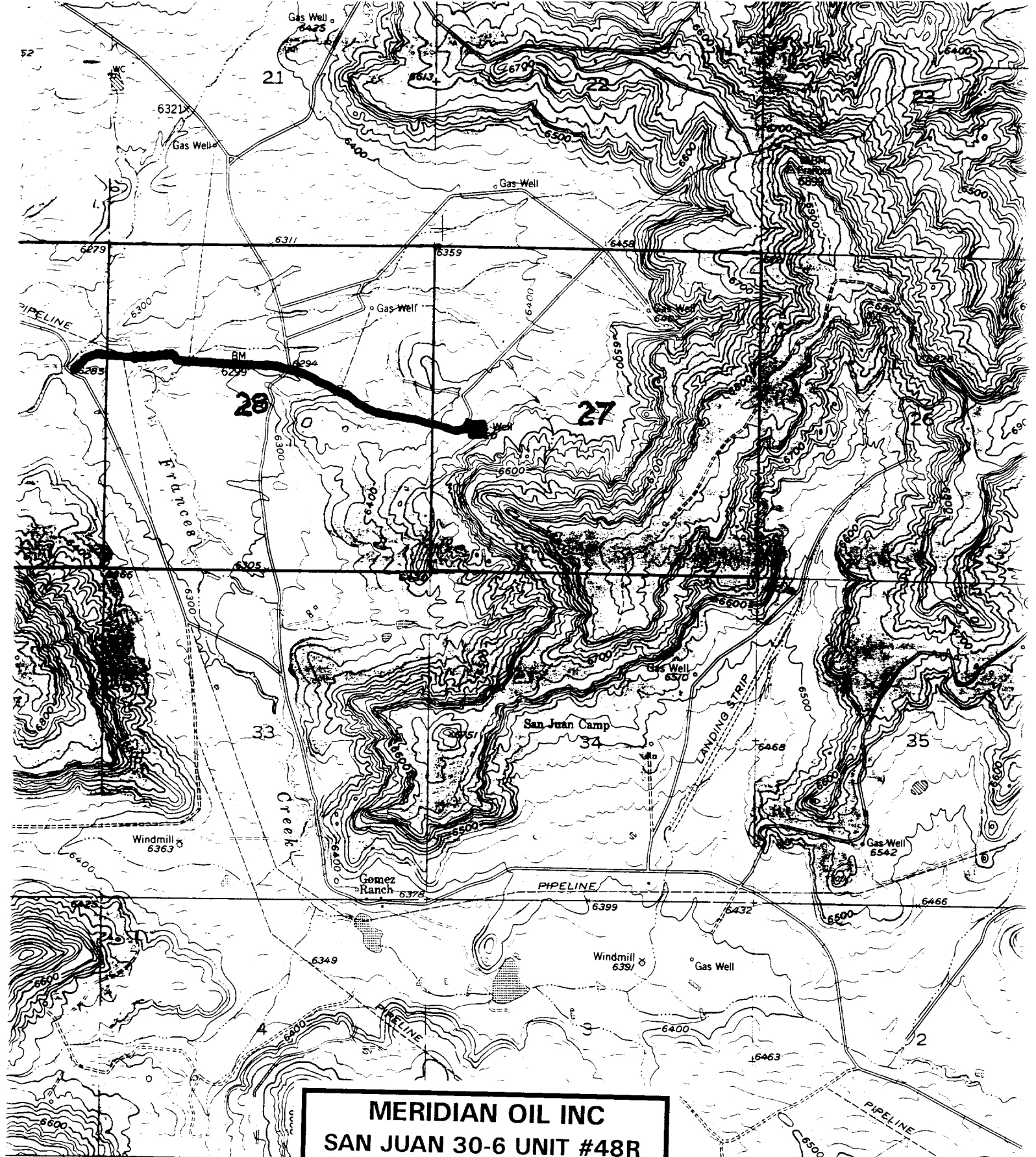
Pit levels will be visually monitored to detect gain or loss of fluid control.

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' - 3763'	7"	20.0#	K-55
6 1/4"	3613' - 6083'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 6083' 2 3/8" 4.7# J-55



Survey

GN
MN
12°
26 MILS

MERIDIAN OIL INC
SAN JUAN 30-6 UNIT #48R
T 30 N, R 06 W
No New Construction
All BLM roads are covered by
existing ROW NM 88312
APD MAP #1

282 1/4 (FOURMILE CANYON)
4557 III NW
SCALE 1:24 000
0 1000 2000 3000 4000 5000 6000
CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1988