

F

30-045-29043

12-17-93

F. Loc. 890/S; 1190/W Elev. 5762 GR Spd. Comp. TD PB

Casing S. @ W Sx. Int. @ W Sx. Pr. @ W Sx. T. @ Gas
Csg. Perf. Prod. Stim.T
R
A
N
SBO/D Grav. 1st Del. Gas
I.P. MCF/D After Hrs. SICP PSI After Days GOR 1st Del. Oil

TOPS	NITD	X	Well Log	TEST DATA							Ref. No.
Ojo Alamo	C-103		Plot X	Schd.	PC	Q	PW	PD	D		
Kirtland	C-104		Electric Log								
Fruitland			C-122								
Pictured Cliffs	Ditr		Dfo								
Cnacra	Datr		Dac								
Cliff House	<i>Hold C-104 for similar to one dedication of a second PC work</i> <i>MC</i>										
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrada											
			S/254.08 Acres								

P
o
c

BasinFrCoal Co. SJ S 12 T 28N R 11W U M Oper. Meridian Oil

Lse. Angel Peak

No. 180

F

30-045-29043

12-17-93

F. Loc. 890/S; 1190/W Elev. 5762 GR Spd. Comp. TD PB

Casing S. @ W Sx. Int. @ W Sx. Pr. @ W Sx. T. @ Gas
Csg. Perf. Prod. Stim.T
R
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SBO/D Grav. 1st Del. Gas
I.P. MCF/D After Hrs. SICP PSI After Days GOR 1st Del. Oil

TOPS	NITD	X	Well Log	TEST DATA							Ref. No.
Ojo Alamo	C-103		Plot X	Schd.	PC	Q	PW	PD	D		
Kirtland	C-104		Electric Log								
Fruitland			C-122								
Pictured Cliffs	Ditr		Dfo								
Cnacra	Datr		Dac								
Cliff House	<i>Hold C-104 for similar to one dedication of a second PC work</i> <i>127.48</i>										
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrada											
			Acres 127.48								

P
o
c

FulKutz PC Co. SJ S 12 T 28N R 11W U M Oper. Meridian Oil

Lse. Angel Peak

No. 180

NMNM-86497 et al. (WC)
3162.3-1.0 (07337)

JAN 06 1995

RECEIVED
FEB - 8 1995
OIL CON. DIV.
DIST. 3

Meridian Oil
Attn: Mr. John Caldwell
P. O. Box 4289
Farmington, New Mexico 87499-4289

Dear Mr. Caldwell:

Enclosed are your Applications for Permits to Drill (APD's) the wells listed on the enclosed list. Due to no reports of drilling operations commencing prior to expiration, the subject APD's have expired and are hereby returned. Any expired APD may be resubmitted at any time when definite drilling plans are formulated.

You are required to request surface rehabilitation instructions from this office if construction activities have occurred on any of the proposed drill sites. If this office does not receive comment within 30 days, it will be presumed that no construction occurred. Later discovery that construction activities have occurred, may result in assessment of liquidated damages.

If you have any questions, please contact Mr. Errol Becher of this office at (505) 599-6358.

Sincerely,

/s/ Ken Townsend

Ken Townsend
Chief, Branch of Drilling and Production

Enclosures

1. APD List
2. APD's

ABANDONED LOCATION

cc:

New Mexico Oil Conservation Division, Aztec, NM ✓

Expired APD's

Meridian Oil

Number/Name/Expiration Date

1 Black Diamond 17
Expired: August 27, 1994

140 Angel Peak B
Expired: December 28, 1994

180 Angel Peak
Expired: December 14, 1994

Location/Lease No.

150' FNL & 205' FWL (NW¼ NW¼),
Section 17, T. 30 N., R. 15 W.,
San Juan County, New Mexico
Federal Lease Number NM-86497

150' FNL & 205' FWL (NW¼ NW¼),
Section 13, T. 28 N., R. 11 W.,
San Juan County, New Mexico
Federal Lease Number SF-047017-B

890' FSL & 1190' FWL (SW¼ SW¼),
Section 12, T. 28 N., R. 11 W.,
San Juan County, New Mexico
Federal Lease Number SF-047017-A

ABANDONED LOCATION

ABANDONED LOCATION

F

30-045-29042

12-17-93

F. Loc. 1615/N; 1190/E

Elev 5804 GR

Spd.

Comp.

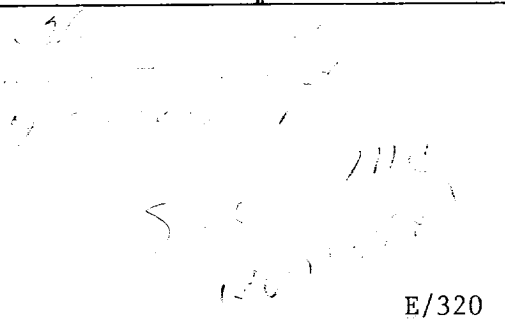
TD

PB

Casing S. @ W Sx. Int. @ W Sx. Pr. @ W Sx. T. @ T Gas
Csg. Perf. Prod. Stim.

T
R
A
N
S

BO/D 1st Del. Gas
MCF/D After Hrs. SICIP PSI After Days GOR 1st Del. Oil

TOPS		NiTD X	Well Log	TEST DATA							
Ojo Alamo		C-103	Plat X	Schd.	PC	Q	PW	PD	D	Ref.No.	
Kirtland		C-104	Electric Log								
Fruitland			C-122								
Pictured Cliffs		Ditr	Dfa								
Chacra		Datr	Dac								
Cliff House											
Menefee											
Point Lookout											
Mancos											
Gallup											
Greenhorn											
Dakota											
Entrado											

P
o
o

BasinFrCoal Co SJ S13 T 28N R 11W UH Oper. Meridian Oil

Lse. Angel Peak B

No. 140

F

30-045-29042

12-17-93

F. Loc. 1615/N; 1190/E

Elev 5804 GR

Spd.

Comp.

TD

PB

Casing S. @ W Sx. Int. @ W Sx. Pr. @ W Sx. T. @ T Gas
Csg. Perf. Prod. Stim.

T
R
A
N
S

BO/D 1st Del. Gas
MCF/D After Hrs. SICIP PSI After Days GOR 1st Del. Oil

TOPS		NITD	X	Well Log	TEST DATA							
Ojo Alamo		C-103		Plot	X	Schd.	PC	Q	PW	PD	D	Ref.No.
Kirtland		C-104		Electric Log								
Fruitland				C-122								
Pictured Cliffs		Ditr		Dfa								
Chacra		Datr		Dac								
Cliff House		414 10404104										

Acres 160

P
o
o

FulKutz Pc Co SJ S13 T 28N R 11W UH Oper. Meridian Oil

Lse. Angel Peak B

No. 140

NMNM-86497 et al. (WC)
3162.3-1.0 (07337)

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Ken Townsend
Chief, Branch of Drilling and Production

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cc:

New Mexico Oil Conservation Division, Aztec, NM ✓

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Meridian Oil

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San Juan County, New Mexico
Federal Lease Number SF-047017-B

890' FSL & 1190' FWL (SW¼ SW¼),
Section 12, T. 28 N., R. 11 W.,
San Juan County, New Mexico
Federal Lease Number SF-047017-A

ABANDONED LOCATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED DEC 17 1993	5. Lease Number SF-047017A
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator MERIDIAN OIL	OIL CON. DIV.	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Angel Peak 6787
4. Location of Well 890' FSL, 1190' FWL Latitude 36° 40' 20", Longitude 107° 57' 20"		9. Well Number 180
10. Field, Pool, Wildcat Basin Fruitland Coal / 71629 Fulcher Kutz PC 77200		11. Sec., Twn, Rge, Mer. M Sec 12, T-28-N, R-11-W NMMP
14. Distance in Miles from Nearest Town 3 miles to Bloomfield, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'	17. Acres Assigned to Well 254.08 (S/2); 127.48 (SW/4)	
16. Acres in Lease 402.340	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 200'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 2050'	22. Approx. Date Work will Start 4th quarter 1993	
21. Elevations (DF, FT, GR, Etc.) 5762' GR	23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: 	Date 10-25-93	
Regional Drilling Engineer		

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

APPROVED
AS AMENDED

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

Hold 2-109 for simultaneous dedication
of a second well @ NMCCD

DEC 14 1993

DISTRICT MANAGER

Submit to Acquisition
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 DD, Artesia, NM 88210

DISTRICT III
1000 Rio Grande Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

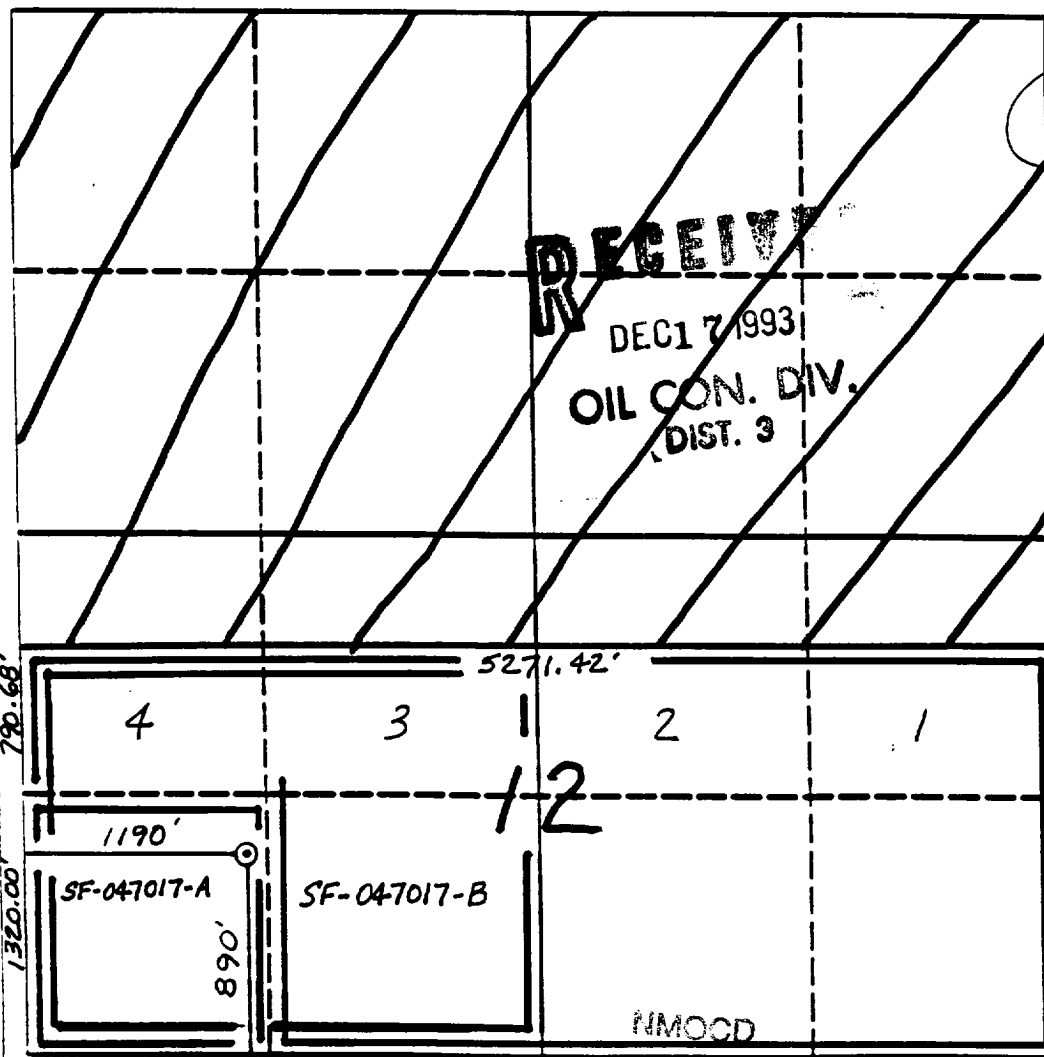
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Angel Peak			Well No. 180		
Unit Lease M	Section 12	Township 28 North	Range 11 West	County San Juan		NMTN		
Actual Foreign Location of Well: 890 feet from the South line and 1190 feet from the West line								
Ground level Elev. 5762'			Producing Formation Fruitland Coal/Pic. Cliffs			Pool Basin/Fulcher Kutz		
						Dedicated Acreage 254.08/127.48 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or ink 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 considered by communication, unification, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consideration _____

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

No allowable will be assigned to the well until all interests have been considered (by communication, unification, force-pooling, or otherwise) or until a non-student 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

10-25-93

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. 9-24-93

Date Surveyed

Needle G. Edwards

Signature
Professional Surveyor

9857

Case No.

6857

October 25, 1993

OPERATIONS PLAN

Well Name: Angel Peak #180
Location: 890'FSL, 1190'FWL Section 12, T-28-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 40' 20", Longitude 107° 57' 35"
Formation: Basin Fruitland Coal/Fulcher Kutz Pictured Cliffs
Elevation: 5762'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	633'	
Ojo Alamo	633'	833'	aquifer
Kirtland	833'	1569'	
Fruitland	1569'	1851'	
Fruitland Coal Top	1672'	1851'	gas
Pictured Cliffs	1851'		gas
Total Depth	2050'		

Logging Program: Mud logs from 1500' to Total Depth
 DIL-GR-SP - surface to Total Depth
 GL-GR-SP-CAL/Dens-Neut-GR-CAL - 1500' to Total Depth

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2050'	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 - 2050'	4 1/2"	10.5#	K-55

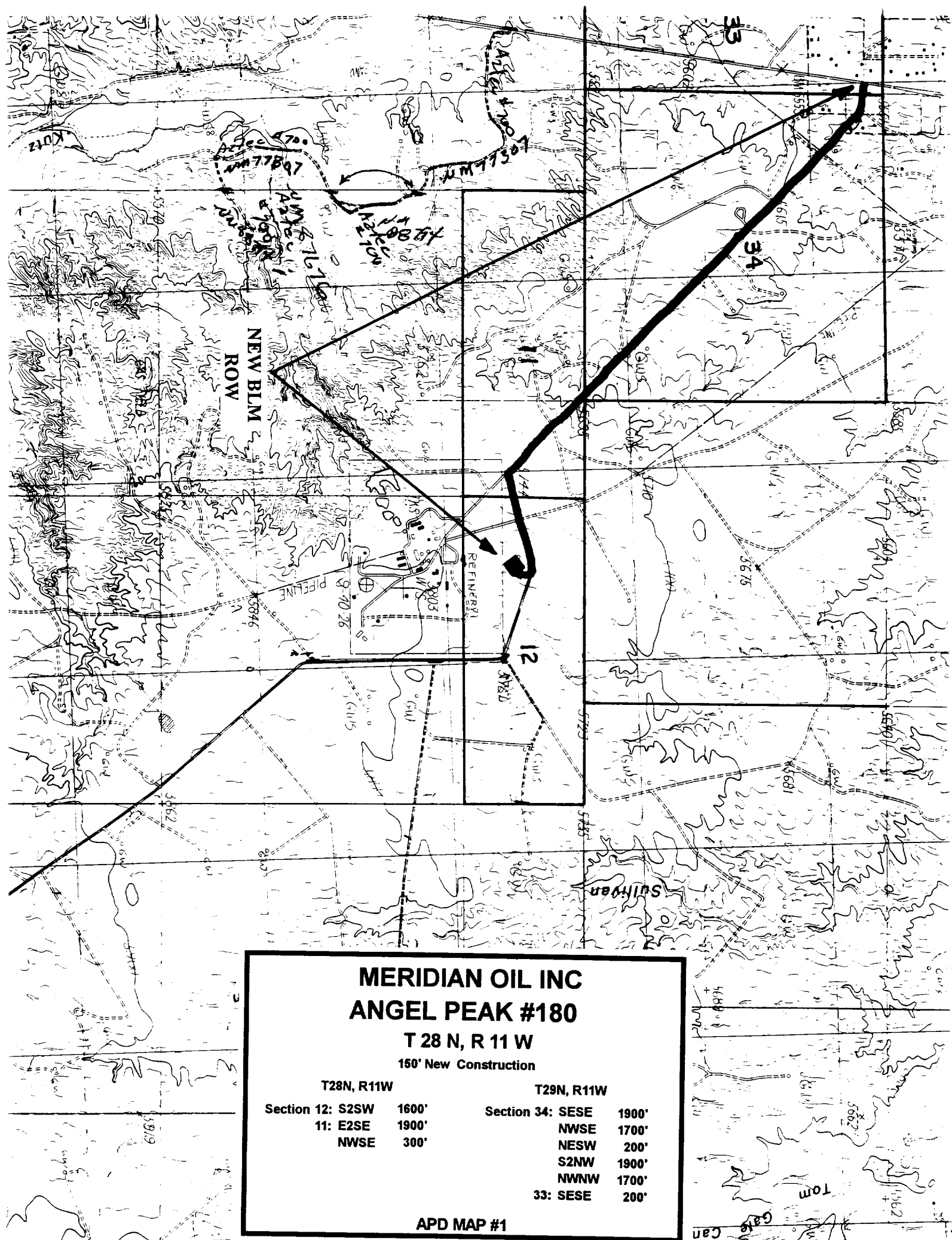
Tubing Program:

0 - 2050'	2 3/8"	4.7#	J-55
-----------	--------	------	------

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 @ 833'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 833'. 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.



MERIDIAN OIL INC
ANGEL PEAK #180

T 28 N, R 11 W

150' New Construction

T28N, R11W

Section 12: S2SW	1600'
11: E2SE	1900'
NWSE	300'

T29N, R11W

Section 34: SESE	1900'
NWSE	1700'
NESW	200'
S2NW	1900'
NWNW	1700'
33: SESE	200'

APD MAP #1