

30-045-28099


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-080133
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME SAN JUAN 32-9 UNIT
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT
4. LOCATION OF WELL 1330'FNL 1330'FEL	9. WELL NO. 250
14. DISTANCE IN MILES FROM NEAREST TOWN 7 MILES EAST CEDAR HILL	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. G SEC. 4 T31N R09W NMPM
15. DISTANCE FROM PROPOSED LOCATION 1330' TO NEAREST PROPERTY OR LEASE LINE.	12. COUNTY SAN JUAN
	13. STATE NM
16. ACRES IN LEASE 1292.08	17. ACRES ASSIGNED TO WELL 311.27
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 250' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 3460'
	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 6623'GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: 
REG. DRILLING ENGR.

RECEIVED

AUG 08 1990

OIL CON. DIV.

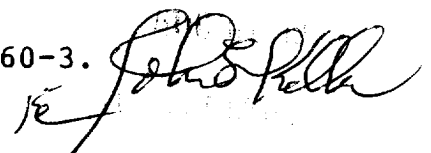
7/19/90
DATE

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

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.



MAILED



Submit to Assignment
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, Arama, NM 88210

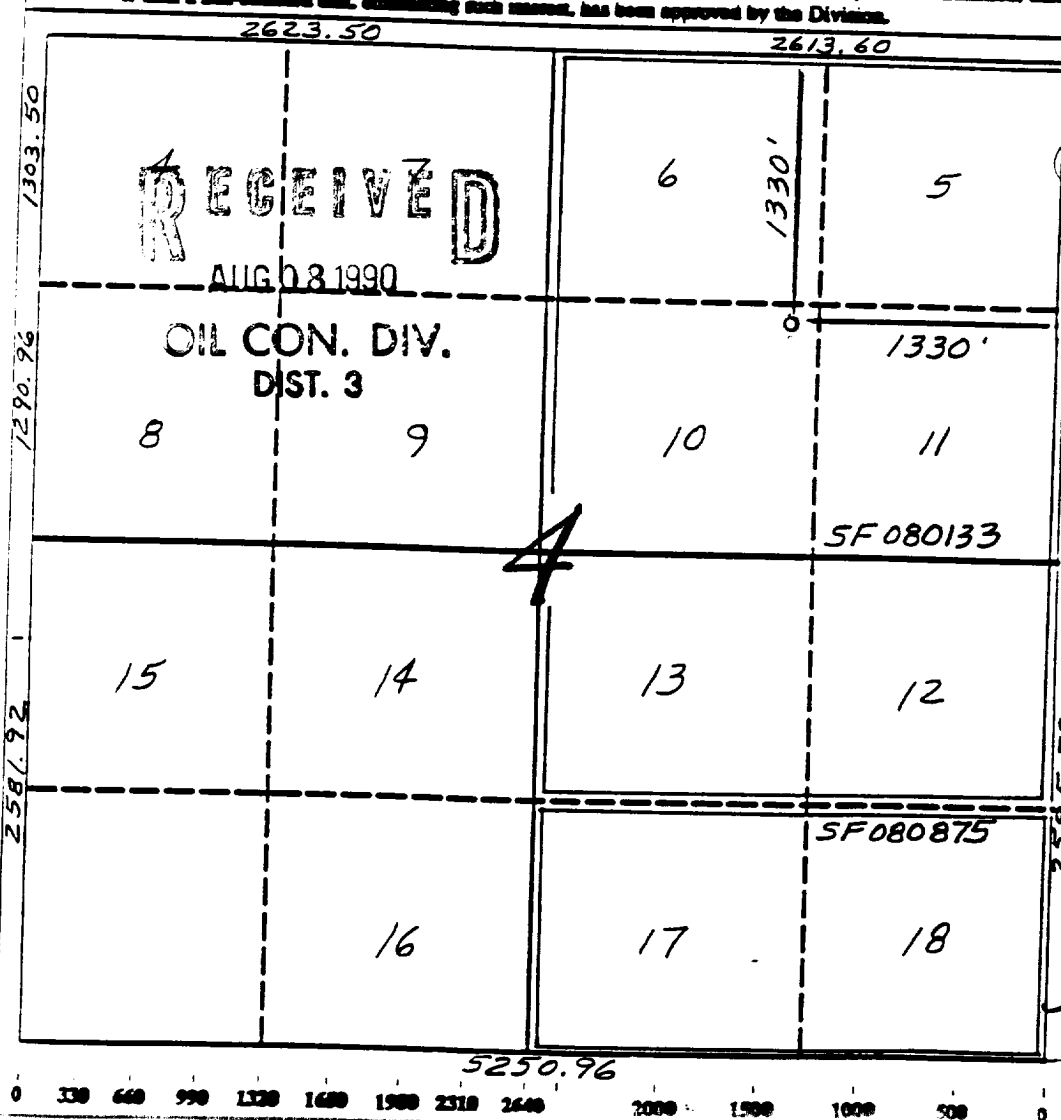
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease San Juan 32-9 Unit (SF-080133)		Well No. 250
Unit Letter G	Section 4	Township 31 North	Range 9 West	County San Juan
Actual Footage Location of Well: 1330 feet from the North line and 1330 feet from the East line				
Ground level Elev. 8623'	Producing Formation Fruitland Coal		Basin	Dedicated Acreage 311.27 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hectare marks 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 consolidated by commutation, 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 allowable will be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a acre-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.

Signature
Peggy Bradfield

Printed Name
Peggy Bradfield

Position
Regulatory Affairs

Company
Meridian Oil Inc.

Date
7-18-90

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location-shown on this plat was plotted from field notes 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
NEALE C. EDWARDS

Signature of Surveyor
NEALE C. EDWARDS

Professional Seal
857

Registered Land Surveyor

Caution No.

6857

Well Name: 250 SAN JUAN 32-9 UNIT 1330'FNL 1330'FEL
 Sec. 4 T31N R09W SAN JUAN NEW MEXICO
 BASIN FRUITLAND COAL Elevation 6623'GL

Formation tops: Surface- SAN JOSE
 Ojo Alamo- 2178
 Kirtland- 2287
 Fruitland- 3048
 Fruitland Coal Top- 3230 Intermediate TD- 3210
 Fruitland Coal Base- 3458 Total Depth- 3460
 Pictured Cliffs- 3463

Logging Program: Mud logs from intermediate to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no contro
	200 - 3210	Non-dispersed	8.4 - 9.1	30-60	no contro
	3210 - 3460	Formation Water	8.4		no contro

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	9 5/8"	32.3#	H-40
	8 3/4"	0 - 3210	7"	20.0#	K-55
	6 1/4"	3160 - 3460	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3460	2 7/8"	6.5#	J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill insert float valve. Three centralizers run every other joint above shoe. Run insert float one joint above the guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2287'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

5 1/2" production casing - float shoe on bottom and a pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

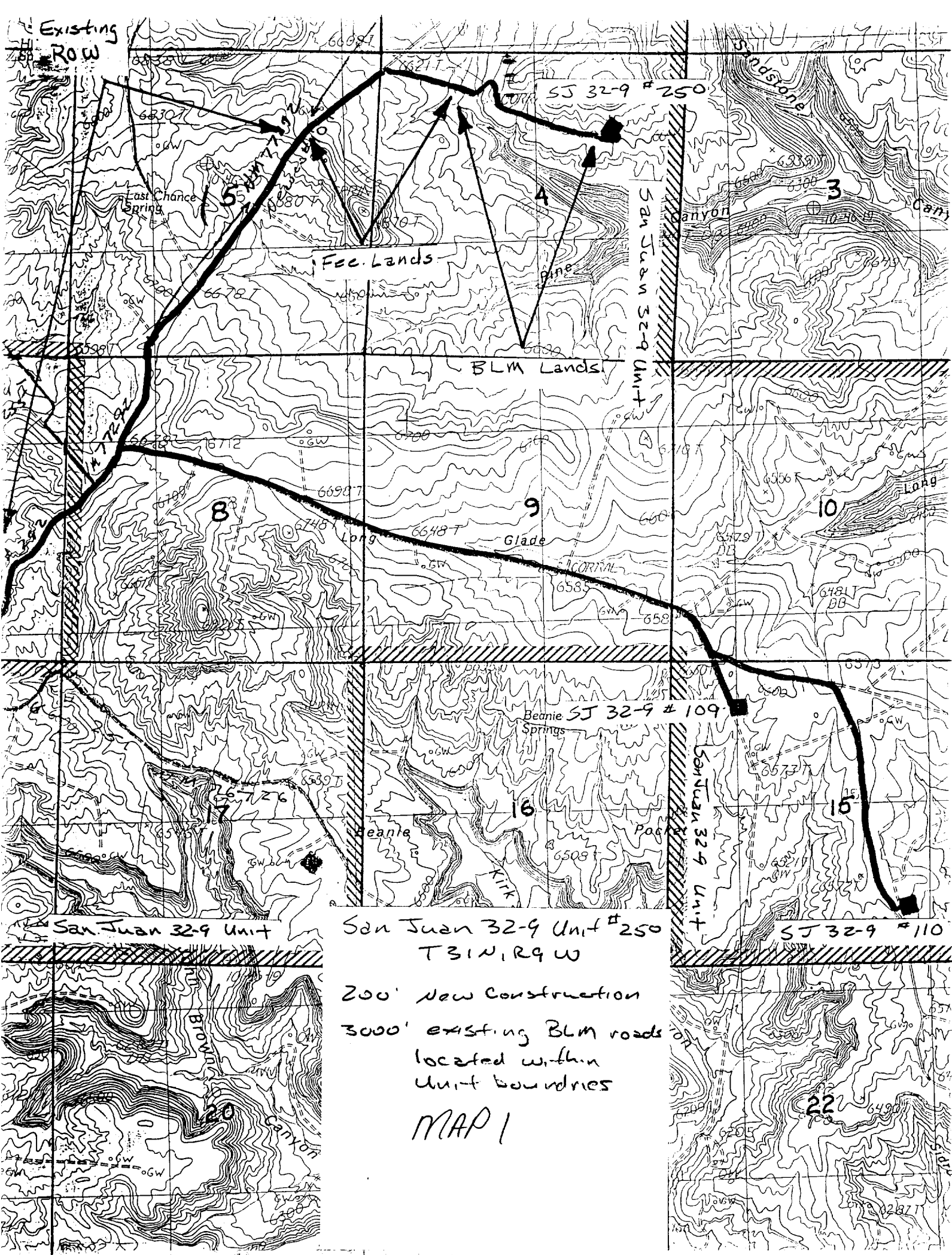
Wellhead Equipment: 9 5/8" x 7" x 2 7/8" x 11" 3000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing - cement with 160 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (189 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

7" intermediate casing - lead with 469 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 1023 cu ft. of slurry, 110% excess to circulate to surface. If hole conditions permit, a 600 ft spacer will be run ahead of the cement slurry to avoid mud contamination of the cement. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

5 1/2" liner - do not cement.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL GAS	5. LEASE NUMBER SF-080133
2. OPERATOR MERIDIAN OIL INC.	6. IF INDIAN, ALL. OR TRIBE NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	7. UNIT AGREEMENT NAME SAN JUAN 32-9 UNIT
4. LOCATION OF WELL 1330'FNL 1330'FEL	8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT
	9. WELL NO. 250
14. PERMIT NO. 30-045-28099	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
15. ELEVATIONS 6623'GL	11. SEC. T. R. M OR BLK. SEC. 4 T31N R09W NMPM
	12. COUNTY SAN JUAN
	13. STATE NM
16. SUBSEQUENT REPORT OF: SPUD	
17. Describe proposed or completed operations	

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NOV 20 1990

OIL CON. DIV.
DIST. 3

SPUD DATE: 091890

SPUD TIME: 1300

TD 235', Ran 5 jts of 9 5/8" 36.0# K-55 casing, 216' set @ 218'.
Cemented with 160 sacks of Class B cement with 1/4# Flocele/sack
and 3% calcium chloride, (189 cu ft.). Circulated 15 bbls to surface.
WOC 12 hours. Pressure tested to 600 psi for 30 minutes. Held OK.

DATE: 092190

TD 3220', Ran 76 jts of 7" 20.0# K-55 casing, 3206' set @ 3220'.
Lead with 510 sacks of Class G cement 65/35 Poz, 6% gel, 5# gilsonite/sack,
2% calcium chloride, and 1/4# Flocele/sack, (903 cu ft.). Tail with 100
sacks of Class G cement with 2% calcium chloride, (118 cu ft.). Circulated
2 bbls of contaminated cement to surface. Temperature survey indicates
TOC @ 150'.

18. AUTHORIZED BY: 
REGULATORY AFFAIRS

10-15-90
DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-5

ACCEPTED FOR RECORD

(This space for Federal or State office use)

OCT 30 1990

APPROVED BY
CONDITION OF APPROVAL, IF ANY:

TITLE
FARM DISTRICT RESOURCE AREA

BY 

AMCOO

DEVIATION REPORT

Name of Company Meridian Oil		Address P. O. Box 4289, Farmington, NM 87499			
Lease San Juan 32-9 Unit	Well No. 250	Unit Letter G	Section 04	Township 031-N	Range 009-W
Pool Basin Fruitland Coal			County San Juan		

Depth (Ft.)

Deviation (Degrees)

221'	3/4 deg
630'	1 1/4 deg
312'	1 1/4 deg
1064'	1 deg
1530'	1 1/4 deg
2031'	1 deg
2530'	1 1/4 deg
3031'	1 1/4 deg
3188'	1 1/4 deg

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APR 16 1991

OIL CON. DIV. I

DIST. 3

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of Meridian Oil, am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated herein are true to the best of my knowledge and belief.



Subscribed and sworn to before me this 26th day of September, 1990


Notary Public in and for San Juan County, New Mexico

My Commission expires August 17, 1992

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

SUNDRY NOTICES AND REPORTS ON WELLS

91 MAR 20 AM 8:44

019 FARMINGTON, N.M.

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15. ELEVATIONS 6623'GL	11. SEC. T. R. M OR BLK. SEC. 4 T31N R09W NMPM
	12. COUNTY SAN JUAN
	13. STATE NM
16. SUBSEQUENT REPORT OF: Running Casing	
17. Describe proposed or completed operations	

DATE: 031291

TD 3463', Ran 7 jts of 5 1/2" 15.5# K-55 casing, 297' set @ 3463'
Liner top @ 3166' Did not cement.

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APR 24 1991

18. AUTHORIZED BY:

[Signature]
REGULATORY AFFAIRS

OIL CON. DIV.

DIST. 3

3-18-91
DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-5.

(This space for Federal or State office use)

APPROVED BY
CONDITION OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

APR 1 1991

WMS:JL

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BY