

11-27-90

T Gas
R
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N
S

Grav. _____ 1st Del. Gas _____
I.P. _____ BO/D _____ MCF/D After _____ Hrs. SICP _____ 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		Dfo										
Chacra		Dair		Doc										
Cliff House														
Menefee														
Point Lookout														
Mancos														
Gallup														
Greenhorn														
Dakota														
Entrada														
		E/319.10 Acres												

BasinFrCoal Co. SJ S 11 T 31N R 10W U B Oper. Meridian Oil Inc. Lse. San Juan 32-9 Unit No. 220

San Juan 32-9 Unit #220

B-11-31N-10W

MERIDIAN OIL INC.

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-078389-A	
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 1040'FNL 1840'FEL		8. FARM OR LEASE NAME SAN JUAN 32-9 UNIT	
		9. WELL NO. 220	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 11 T31N R10W NMPM	
14. PERMIT NO.	15. ELEVATIONS 6205'GL	12. COUNTY SAN JUAN	13. STATE NM
16. OTHER: Permit to Drill Cancellation			
17. Describe proposed or completed operations			

Please cancel our Permit to Drill as we do not plan to spud the well at this time.

RECEIVED

JUN - 3 1992

OIL CON. DIV.]

DIST. 3

RECEIVED
BLM
92 APR 30 AM 11:02
FARMINGTON, N.M.

ABANDONED LOCATION

18. AUTHORIZED BY: [Signature]
REGIONAL DRILLING ENGINEER

4/28/92
DATE

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

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(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE MAY 11 1992
CONDITION OF APPROVAL, IF ANY: _____

NMOCD

ACCEPTED FOR RECORD

FARMINGTON RESOURCE AREA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28447
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL
1b. TYPE OF WELL
GAS

2. OPERATOR
MERIDIAN OIL INC.
14538

3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1040'FNL 1840'FEL

5. LEASE NUMBER
SF-078389-A

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
SAN JUAN 32-9 UNIT
7473

8. FARM OR LEASE NAME
SAN JUAN 32-9 UNIT

9. WELL NO.
220

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL 71625

11. SEC. T. R. M OR BLK.
15 SEC. 11 T31N R10W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
12 MILES N/E OF AZTEC

12. COUNTY
SAN JUAN

13. STATE
NM

15. DISTANCE FROM
PROPOSED LOCATION 1040'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE
1116.96

17. ACRES ASSIGNED TO WELL
E/ 319.10

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 600'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH
3022'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6205'GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY:

Danny Boone
REG. DRILLING ENGR.

NOV 27 1990

OIL CON. DIV.
DIST. 3

10-19-90
DATE

PERMIT NO.

APPROVAL DATE

APPROVED

APPROVED BY

TITLE

DATE

AS AMENDED

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

NMOCD

NOV 19 1990

AREA MANAGER

Submit to Appropriate
District Office
State Leases - 4 copies
Fee Leases - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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

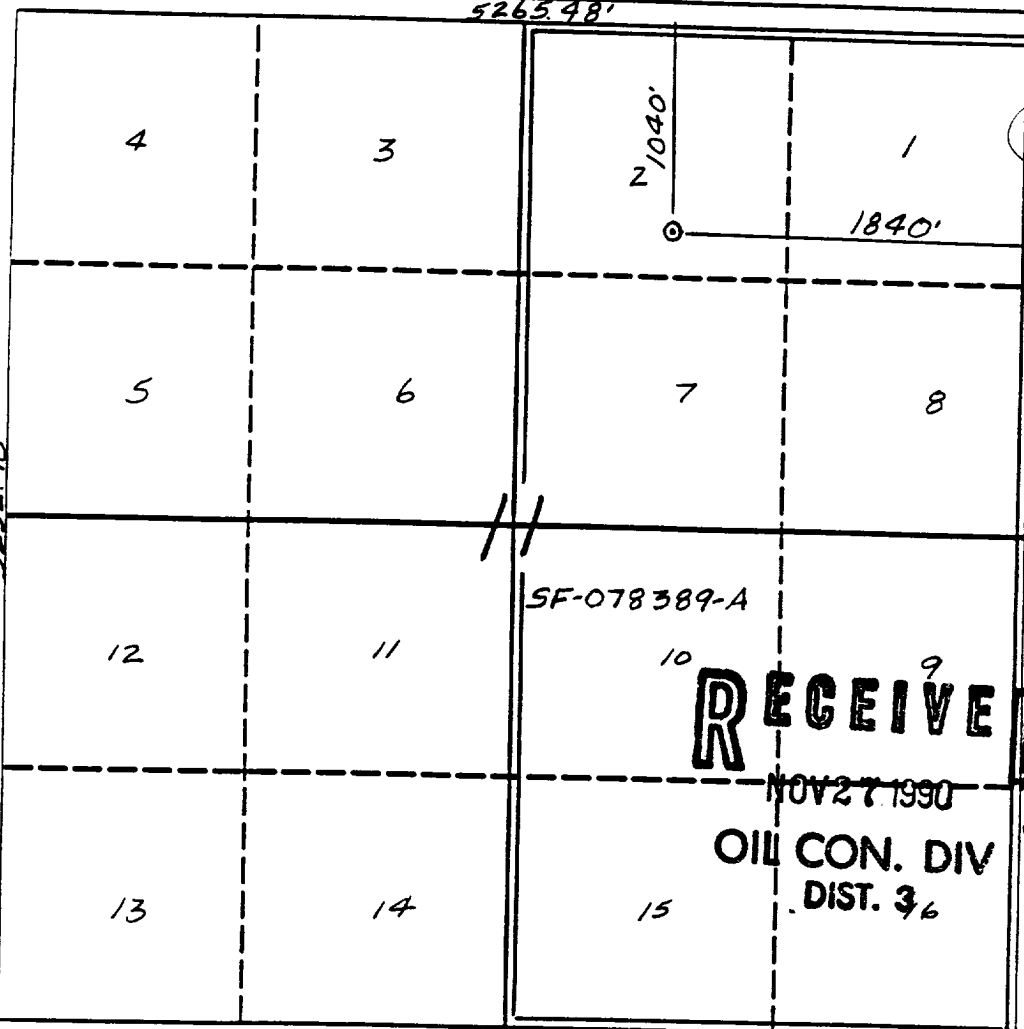
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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		Well No. 220
Unit Letter B	Section 11	Township 31 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1040 feet from the North line and 1840 feet from the East line					
Ground level Elev. 6205'		Producing Formation Fruitland Coal		Pool Basin	
					Dedicated Acreage: 319.10 Acres

- Outline the acreage dedicated to the subject well by colored pencil or leadless 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 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 allowable 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, 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

Regulatory Affairs
Position

Meridian Oil Inc.
Company

10-19-90
Date

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.

9-13-90

Date Surveyed

Signature Neale C. Edwards

Professional Surveyor



Certificates

Neale C. Edwards

Well Name: 220 SAN JUAN 32-9 UNIT
 Sec. 11 T31N R10W
 BASIN FRUITLAND COAL

1040'FNL 1840'FEL
 SAN JUAN NEW MEXICO
 Elevation 6205'GL

Formation tops: Surface- Nacimiento
 Ojo Alamo- 1385
 Kirtland- 1512
 Fruitland- 2613
 Fruitland Coal Top- 2820
 Fruitland Coal Base- 3020
 Pictured Cliffs- 3025

Intermediate TD- 2813
 Total Depth- 3022

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 control
	200 - 2813	Non-dispersed	8.4 - 9.1	30-60	no control
	2813 - 3022	Formation Water	8.4		no control

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 - 2813	7"	20.0#	K-55
	6 1/4"	2763 - 3022	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3022	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 @ 1512'. 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 404 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. 898 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.

Map 1

San Juan 32-9 Unit # 220

T31N, R10W

500' New Construction

7900' Existing BLM Roads

within Unit Boundaries

Fee
Lands

Existing BLM
Roads in Unit

San Juan 32-9 Unit

Existing
ROW
231

24

3

10

15

12

13

CANYON

Bank Mountain
Spring

Stepher
Spring

GW

Wells

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FEET

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
NOV 25 1991
C.I.L. CON. DIV.

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	12. COUNTY SAN JUAN
	13. STATE NM
16. OTHER:	

It is anticipated that the Permit to Drill will expire before the well can be spud, therefore an extension is requested.

Please extend our Application for Permit to Drill as this well has not been spud.

THIS APPROVAL EXPIRES MAY 19 1992

18. AUTHORIZED BY: *For Caldwell*
REGIONAL DRILLING ENGINEER

11/4/91
DATE

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

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(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITION OF APPROVAL, IF ANY:

APPROVED
DATE NOV 18 1991
John Kellum
AREA MANAGER