

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-25162

RECEIVED
BLM

08/09/90

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

RECEIVED

MAR 6 1992

OIL CON. DIV.

2. OPERATOR
MERIDIAN OIL INC. DIST. 3
14538
3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1240' FSL 1790' FWL

5. LEASE NUMBER
SF-078919
6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME
SAN JUAN 29-7 UNIT

8. FARM OR LEASE NAME
SAN JUAN 29-7 UNIT 7465
9. WELL NO.
552

10. FIELD, POOL, OR WILDCAT
BASIN 71629 FRUITLAND COAL
11. SEC. T. R. M OR BLK.
N SEC. 12 T29N R07W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
7 MILES N/W OF GOBENADOR

12. COUNTY
RIO ARRIBA
13. STATE
NM

15. DISTANCE FROM
PROPOSED LOCATION 1240'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 720
17. ACRES ASSIGNED TO WELL
W/ 320.00
DRAWDING SHEET 271 APPROVED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 300'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 3135'
20. ROTARY OR CABLE TOOLS
ROTARY

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.1
and appeal pursuant to 43 CFR 3165.4.

21. ELEVATIONS (DF, FT, GR, ETC.)
6296' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: J. Caldwell
REG. DRILLING ENGR.

1/30/92
DATE

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

APPROVED
AS AMENDED

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

ARCH REPORT SUBMITTED 08/09/90

MAR 05 1992
15A/BLM MANAGER

NW000

013415337

400 400 400
100

100 100 100
100

100

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 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 00, Aramis, NM 88210

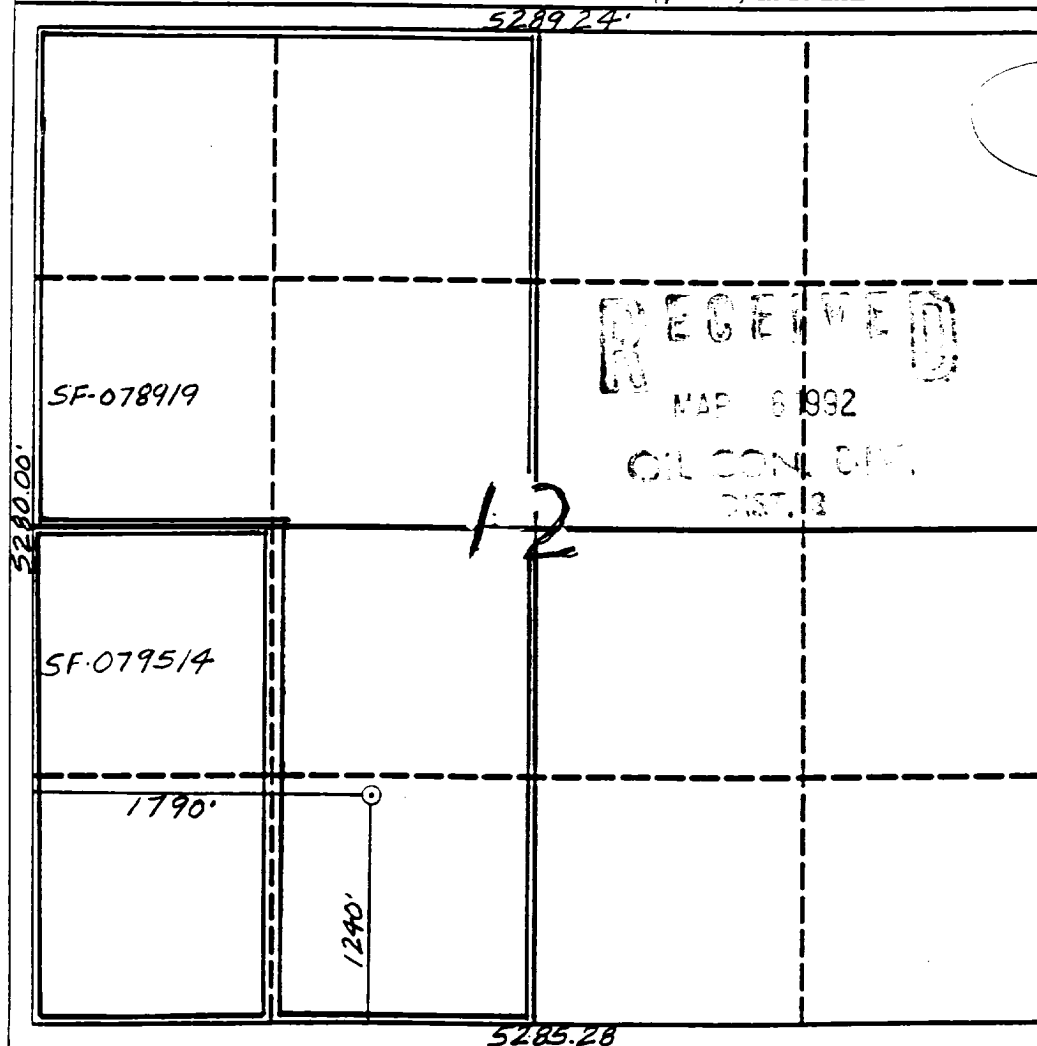
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease San Juan 29-7 Unit		Well No. 552
Unit Letter N	Section 12	Township 29 North	Range 7 West	County NMNM Rio Arriba	
Actual Footage Location of Well: 1240 feet from the South line and 1790 feet from the West line					
Ground level Elev. 6296'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or inkline 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 tract, 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 Bradford
Signature
Peggy Bradford

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
1-30-92

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.

7-18-90

Date Surveyed
Neale Edwards

Signature of Surveyor
Professional Surveyor



Certified by
Neale Edwards

Well Name: San Juan 29-7 Unit No. 552
Section 12, T-29-N, R-7-W
Basin-Fruitland Coal

1240' FSL - 1790'FWL
Rio Arriba New Mexico
Elevation 6296'

Formation Tops: Surface- San Jose

Ojo Alamo- 2188
 Kirtland- 2394
 Fruitland- 2841
 Fruitland Coal Top- 2927
 Fruitland Coal Base- 3164
 Pictured Cliffs- 3167

Intermediate TD- 2907
 Total Depth- 3135

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 - 2907	Non-dispersed	8.4 - 9.1	30-60	no control
	2907 - 3135	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#	K-40
	8 3/4"	0 - 2907	7 "	20.0#	K-55
	6 1/4"	2757 - 3135	5 1/2"	15.5#	K-55
Tubing Program:		0 - 3135	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 @ 2188'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

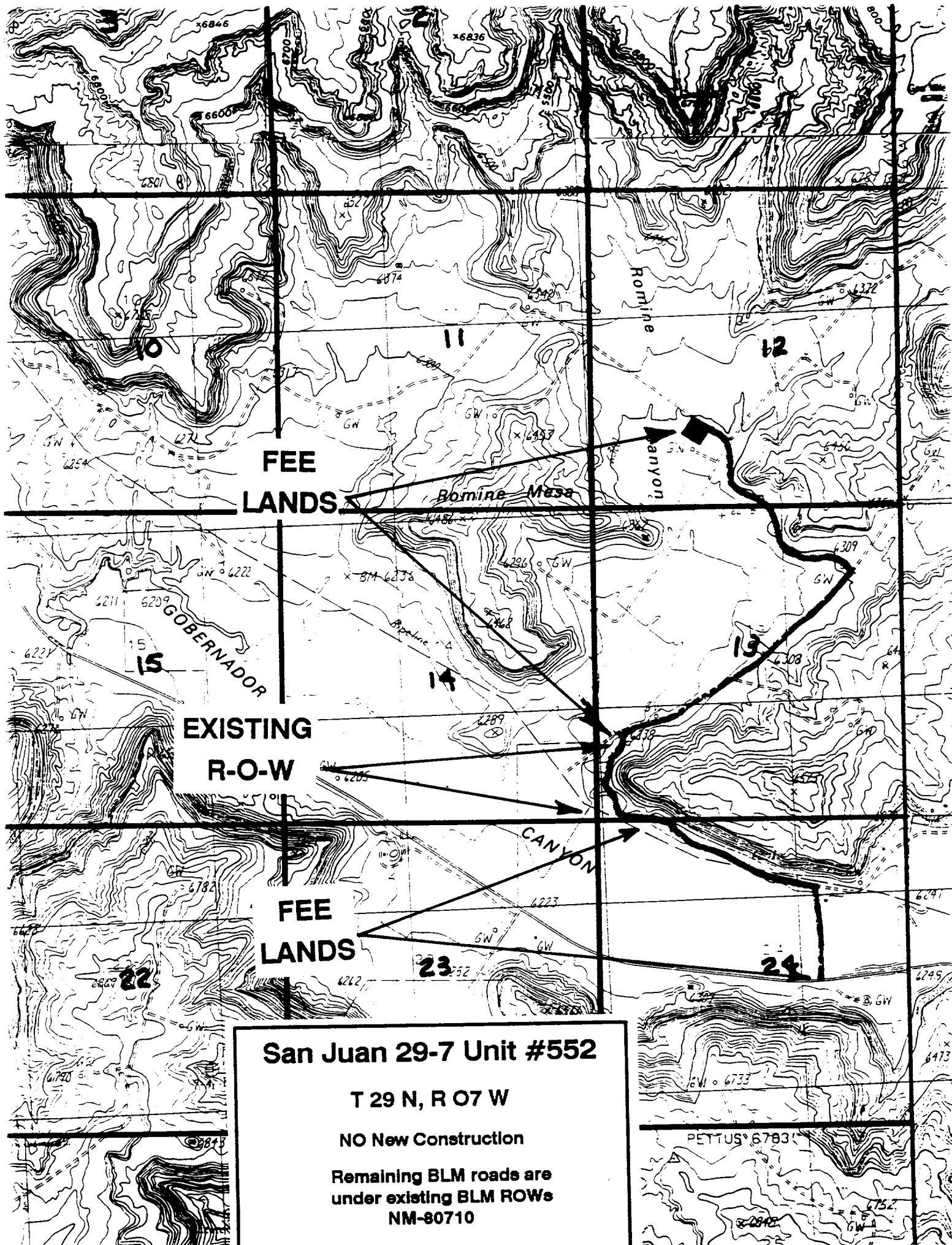
5 1/2" production casing - float shoe on bottom and pre-drilled liner run to the 7" casing with a minimum 50' overlap. Liner hanger is a double slip grip type.

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 w/ 430 sacks of 65/35 class "B" pozmix with 6% gel, 2% calcium chloride, and 1/4# /sack flocele. Tail w/100 sacks of class "B" neat or 2% calcium chloride. (880 cu.ft., 100% excess to circulate to surface.)



San Juan 29-7 Unit #552

T 29 N, R 07 W

NO New Construction

**Remaining BLM roads are
under existing BLM ROWs
NM-80710**