

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28921
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

2. OPERATOR
MERIDIAN OIL INC. DIST 3

3. ADDRESS & PHONE NO. OF OPERATOR
#4538
P O BOX 4289
FARMINGTON, NM 87499

4. LOCATION OF WELL
1255' FNL 1740' FWL

5. LEASE NUMBER
SF-078439

6. IF INDIAN, ALL. OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
JOHNSTON FEDERAL

9. WELL NO.
280

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.
C SEC. 33 T31N R09W NMPM

12. COUNTY
SAN JUAN

13. STATE
NM

14. DISTANCE IN MILES FROM NEAREST TOWN
6 MI FROM NAVAJO DAM P.O.

15. DISTANCE FROM
PROPOSED LOCATION 1255'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
2434.23 W/315.76

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 365'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH
3045'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6241' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM
*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature]
REG. DRILLING ENGR.

DEC 14 1992
OIL CON. DIV
DIST. 3

DATE 11/17/92

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

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

APPROVED
AS AMENDED

DEC 08 1992

AREA MANAGER

RECEIVED
BLM

DEC 18 PM 2:30

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, 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 Johnston Federal		Well No. 280
Unit Letter C	Section 33	Township 31 North	Range 9 West	County San Juan
Actual Footage Location of Well: 1255 feet from the North line and 1740 feet from the West line				
Ground level Elev. 6241'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 315.76 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 communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

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, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

5170.44	
4	3
1740'	1255'
5	6
33	
12	11
USA-NMSF 078439	
13	14
5256.24'	

7 OIL CON. DIV.
DIST. 3

10 9

11 2 1993

15 16

5237.76

5261.52

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

Regulatory Affairs

Position

Meridian Oil Inc.

Company

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.

Date Surveyed

Neal C. Edwards

Signature of State Professional Surveyor

3357

RECEIVED

CERTIFICATE NO.

6857

OPERATIONS PLAN

Well Name: Johnston Federal #280
Location: 1255'FNL, 1740'FWL, Section 33, T-31-N, R-9-W
 San Juan County, New Mexico
Formation: Basin Fruitland Coal
Elevation: 6241'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1729'	
Ojo Alamo	1729'	1842'	aquifer
Kirtland	1842'	2698'	
Fruitland	2698'	2714'	
Fruitland Coal Top	2714'	3043'	gas & salt water
Pictured Cliffs	3047'		
Total Depth	3045'		

Logging Program: Mud logs from intermediate to Total Depth.

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-8.9	40-50	no control
200-2694'	Non-dispersed	8.4-9.1	30-60	no control
2694-3045'	Formation Water	8.4		no control

Casing Program:

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2694'	7"	20.0#	K-55
6 1/4"	2544' - 3045'	5 1/2"	15.5#	K-55

Tubing Program:

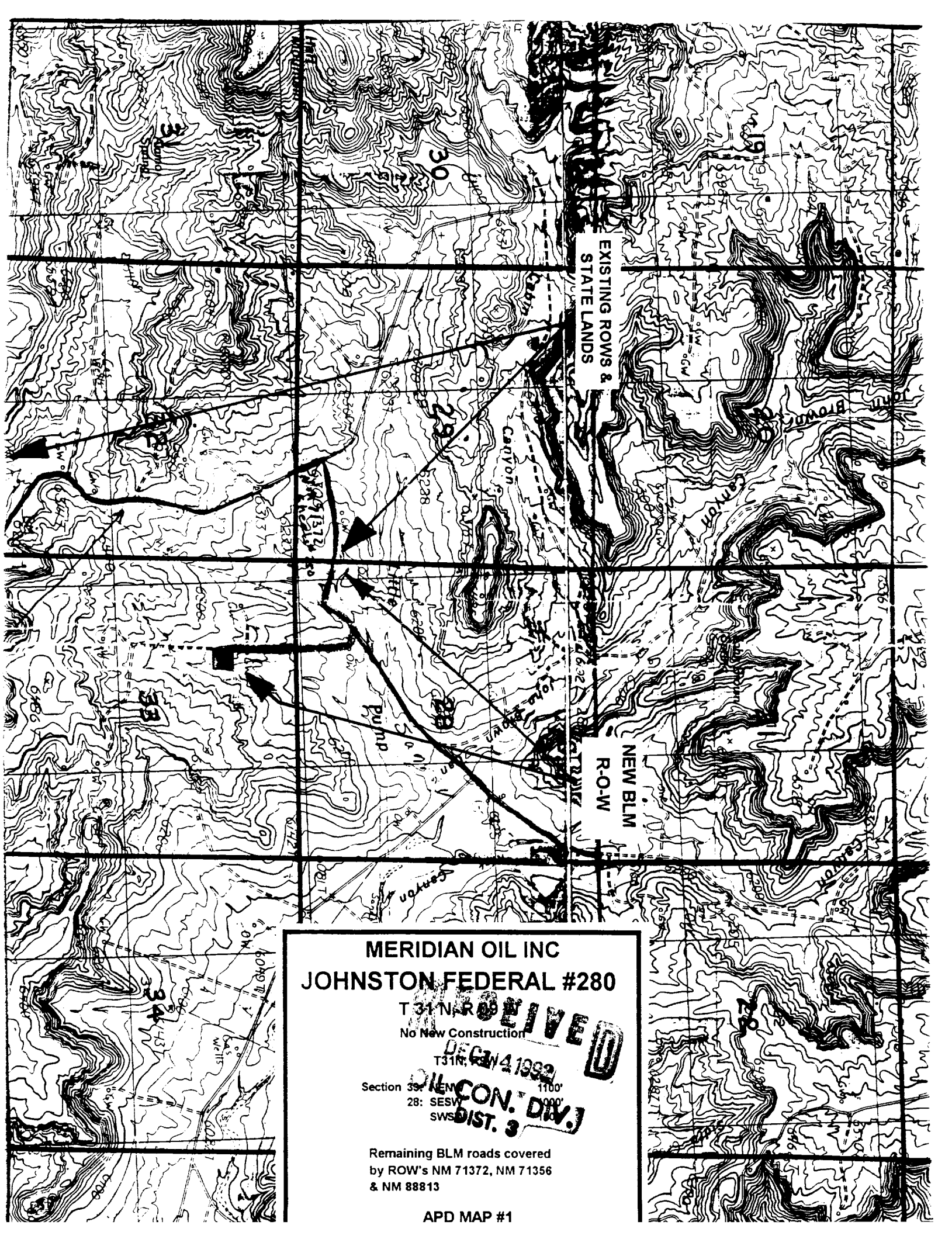
0' - 3045'	2 3/8"	4.7#	J-55
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Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

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 guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1842'. 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 3/8" x 11" 3000 psi xmas tree assembly.



MERIDIAN OIL INC
JOHNSTON FEDERAL #280

T 31 N, R 88 W
No New Construction

RECEIVED
DEC 4 1982
Section 39, T31N, R88W
28: SESW
SWS
OIL CON. DIV.
DIST. 3

Remaining BLM roads covered
by ROW's NM 71372, NM 71356
& NM 88813