

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-045-28911
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

DEC 21 1992

OIL CON. DIV.

1a. TYPE OF WORK
DRILL

1b. TYPE OF WELL
GAS

5. LEASE NUMBER
SF-078439

6. IF INDIAN, ALL. OR TRIBE NAME

2. OPERATOR
MERIDIAN OIL INC.

DIST. 3

7. UNIT AGREEMENT NAME

14538
3. ADDRESS & PHONE NO. OF OPERATOR
P O BOX 4289
FARMINGTON, NM 87499

8. FARM OR LEASE NAME
JOHNSTON FEDERAL 7208

9. WELL NO.
15R

4. LOCATION OF WELL
2330' FNL 790' FWL

10. FIELD, POOL, OR WILDCAT
BASIN 71629 FRUITLAND COAL
11. SEC. T. R. M OR BLK.
SEC. 35 T31N R09W NMPM

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

12. COUNTY
SAN JUAN

13. STATE
NM

15. DISTANCE FROM
PROPOSED LOCATION 790'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 2,434.230
17. ACRES ASSIGNED TO WELL W/314.67

This action is subject to technical and
procedural review pursuant to 43 CFR 3185.3
and appeal pursuant to 43 CFR 3185.4

DRILLING OPERATIONS APPROVED AND
SUBJECT TO BE RELEASED WITH ATTACHED
"GENERAL REQUIREMENTS"

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 650'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 3119'
20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (DF, FT, GR, ETC.)
6307' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

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

APPROVED
AS AMENDED

7/27/92
DATE

PERMIT NO. _____

APPROVAL DATE DEC 16 1992

APPROVED BY _____ TITLE _____

DATE
AREA MANAGER

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

ARCH REPORT SUBMITTED 07/10/92
WILDLIFE REPORT SUBMITTED 07/15/92

NMCCD

RECEIVED
BLM

NOV 14 AM 9:59

JOHNSTON, N.M.

See also Form 1524 and 1525 dated 12/1/92. Form 1525 to 5/2/92

Submit to Approver
District Office
State Lease - 4 copies
Fed Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-182
Revised 4-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1988, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Denver DD, Alamosa, NM 88210

DISTRICT III
1000 Rio Grande Rd., Alamosa, NM 87430

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator		Land		Well No.	
Meridian Oil Inc.		Johnston Federal		15R	
Unit Letter	Section	Township	Range	County	State
E	35	31 North	9 West	NM	NM
Actual Footage Length of Well:					
2330	feet from the	North	line and	790	feet from the
Ground level Elev.		Producing Formation	Foot	Dedicated Acreage	
6307'		Fruitland Coal	Basin	314.67 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or ink on the plat below.					
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).					
3. If more than one lease of different ownership is dedicated to the well, have the interests 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 trust descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)					
No allowable well be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-consolidated trust, eliminating such interest, has been approved by the Division.					

5219.28

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

Date

7-24-92

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.

6-18-92

Date Surveyed

Needle Creek

Signature of Surveyor

Professional Surveyor

3337

Needle Creek

Needle Creek

Needle Creek

Needle Creek

Needle Creek

Needle Creek

Needle Creek

Needle Creek

Needle Creek

OPERATIONS PLAN

Well Name: Johnston Federal #15R
Location: 2330'FNL, 790'FWL Section 35, T-31-N, R-9-W
 San Juan County, New Mexico
Formation: Basin Fruitland Coal
Elevation: 6307'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1883'	aquifer
Ojo Alamo	1883'	1936'	aquifer
Kirtland	1936'	2669'	shale
Fruitland	2669'	2777'	gas
Fruitland Coal Top	2777'	3117'	gas & salt water
Pictured Cliffs	3117'		gas
Total Depth	3119'		

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
200-2757'	Non-dispersed	8.4-9.1	30-60	no control
2757-3119'	Formation Water	8.4		no control

Casing Program:

Hole Size	Depth Interval	Csq. Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	K-40
8 3/4"	0' - 2757'	7"	20.0#	K-55
6 1/4"	2607' - 3119'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 3119'	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 @ 1936'. 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 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (189 cu.ft. of slurry, 200% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi/30 minutes.

7" intermediate casing - lead w/402 sacks 65/35 Class "B" Pozmix with 6% gel, 2% calcium chloride, and 1/4#/sack flocele. Tail with 100 sacks Class "B" neat or 2% calcium chloride (830 cu.ft., 100% excess to circulate to surface).

