

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

30-045-28846 02 OCT 1992 AM 9:59
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

RECEIVED
NOV 20 1992

5. LEASE NUMBER
SF-078580
6. IF INDIAN, ALL. OR TRIBE NAME

2. OPERATOR
MERIDIAN OIL INC. DIST 7
14538

7. UNIT AGREEMENT NAME

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

8. FARM OR LEASE NAME
HOWELL C COM 7121
9. WELL NO.
300R

4. LOCATION OF WELL
140'FNL 525'FEL

10. FIELD, POOL, OR WILDCAT
70129 BASIN FRUITLAND COAL
11. SEC. T. R. M OR BLK.
A SEC. 7 T30N R08W NMPM

14. DISTANCE IN MILES FROM NEAREST TOWN
5 MI. N OF ABE'S STORE

12. COUNTY
SAN JUAN
13. STATE
NM

15. DISTANCE FROM
PROPOSED LOCATION 140'
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL
1361.08 ac. E 320.00
This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

18. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST WELL DR. 400'
COMPL., OR APPLIED
FOR ON THIS LEASE.

19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS
2786' ROTARY

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

21. ELEVATIONS (DF, FT, GR, ETC.)
5978'GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: Donald Chelmer
REG. DRILLING ENGR.

10/13/92
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 09/03/92
WILDLIFE REPORT SUBMITTED 09/02/92

NMOCD

NOV 18 1992

AREA MANAGER

School to Agriculture
District Office
State Lands - 4 copies
Fee Lands - 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 Grande 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 Howell C Com			Well No. 300 R		
Unit Lease A	Section 7	Township 30 North	Range 8 West	County NMNM	San Juan			
Actual Forage Location of Well: 140 feet from the North line and 525 feet from the East line Ground level Elev. 5978' Producing Formation Fruitland Coal Pool Basin Fruitland Coal Dedicated Acreage 320 Acres								

- Outline the acreage dedicated to the subject well by colored pencil or ink lines 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 _____
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 non-standard unit, eliminating such interest, has been approved by the Division.

514.14 1318.02

Reissued to show revised location

RECEIVED
NOV 20 1992

OIL CON. DIV.
DATA

2

3

4

140' 525'

Howell
C COM # 300

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

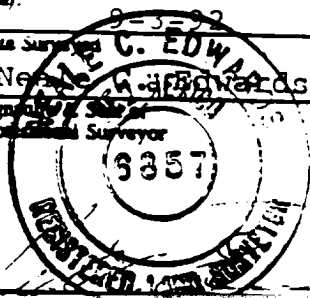
SURVEYOR CERTIFICATION

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

NEEDS APPROVALS

Signature of State Professional Surveyor



OPERATIONS PLAN

Well Name: Howell C Com #300R
Location: 140'FNL, 525'FEL, Section 7, T-30-N, R-8-W
 San Juan County, New Mexico
Formation: Basin Fruitland Coal
Elevation: 5978'GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1514'	
Ojo Alamo	1514'	1686'	aquifer
Kirtland	1686'	2424'	
Fruitland	2424'	2475'	
Fruitland Coal Top	2475'	2785'	gas & salt water
Pictured Cliffs	2786'		
Total Depth	2786'		

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
200-2435'	Non-dispersed	8.4-9.1	30-60	no control
2435-2786'	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' - 2435'	7"	20.0#	K-55
6 1/4"	2285' - 2786'	5 1/2"	15.5#	K-55

Tubing Program:

0' - 2786'	2 3/8"	4.7#	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 guide shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1686'. 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.

