

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK PLUG BACK	5. LEASE NUMBER USA-SNM-011393
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P.O. BOX 4289 FARMINGTON, NM 87499 (505) 326-9700	8. FARM OR LEASE NAME CLEVELAND
4. LOCATION OF WELL 1650' FSL; 1650' FEL	9. WELL NO. 7
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 21, T27N, R09W
	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE
	17. ACRES ASSIGNED TO WELL 320.00
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH
	20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (DF, FT, GR, ETC.) 6271' DF	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

\*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature] (SHL) AUG 20 1990 8-3-90  
REGULATORY AFFAIRS DATE

OIL CON. DIV.  
DIST. 3

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-3.  
(NO ADDITIONAL DIRT WORK WILL BE REQUIRED)

APPROVED

Held C-104 FOR NSL  
(C) NMOC

AUG 14 1990  
Ken Townsend  
FOR AREA MANAGER

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, 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 Cleveland (NM-011393)		Well No. 7
Unit Letter J	Section 21	Township 27 North	Range 9 West	County San Juan	NMPM
Actual Footage Location of Well: 1650 feet from the South line and 1650 feet from the East line					
Ground level Elev. 6263'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or ballpoint marks 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 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.

Not re-surveyed prepared  
from plat by Stephen H.  
Kinney dated 4-22-55.

RECEIVED  
AUG 26 1990  
OIL CON. DIV.  
DIST. 3

OPERATOR CERTIFICATION

I hereby certify that the information  
contained herein is true and complete to the  
best of my knowledge and belief.

*Peggy Bradfield*  
Signature

Peggy Bradfield  
Printed Name

Regulatory Affairs  
Position

Meridian Oil Inc.  
Company

8-3-90  
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.

8-2-90

Date Surveyed

*Neale C. Edwards*  
Signature  
Professional Surveyor

NEW MEXICO  
6857  
6857  
REGISTERED LAND SURVEYOR

Neale C. Edwards  
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

RECOMPLETION PROCEDURE  
Cleveland #7

\*\*\*NO WORK IS TO BE PERFORMED OR EQUIPMENT TO BE LOCATED OFF APPROVED WELLPAD\*\*\*

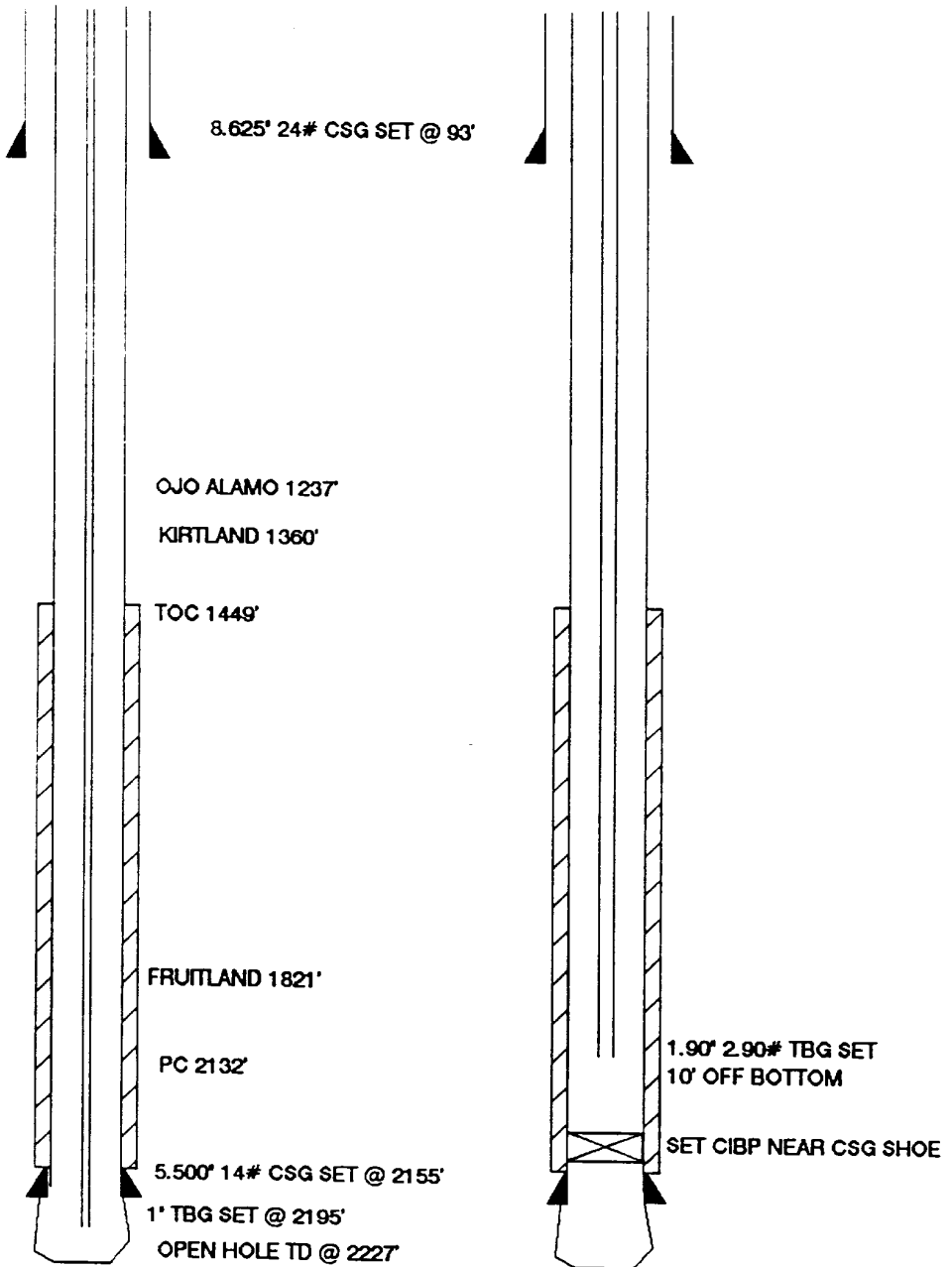
1. Prepare location for workover. Install or replace anchors as necessary.
2. MOL with workover rig, hold safety meeting, install safety signs and proper fire equipment at strategic points. Comply with all BLM, NMOCD, and MOI regulations.
3. Rig up blow lines, record tubing and casing pressures and blow well down. NU 6" 3000 psi BOP and test. Load hole with water.
4. TOOH with tubing.
5. PU 5 1/2" casing scraper and TIH with 2 3/8" 4.7# J-55 EUE tubing. TOOH.
6. RU wireline unit and set a 5 1/2" CIBP near 2100'. Pressure test casing to 2500 psi for 15 minutes.
7. Run logs.
8. Perforate across the coal. Perforations to be picked from log.
9. TIH with tubing and swab wellbore dry. Check well for gas flow. Evaluate well overnight. Check well for buildup pressure and gas flow.
10. Hold safety meeting with all personnel on location. PT surface lines to 4000 psi. Fracture stimulate well.
11. TIH with tubing and clean out to CIBP.
14. Land tubing. Swab well in. Record final 30, 45 and 60 minute gauges on morning report. ND BOP. NU tree. Rig down and release rig.
15. Shut well in for pressure build up. Obtain gas and water sample for analysis.

# CLEVELAND #7

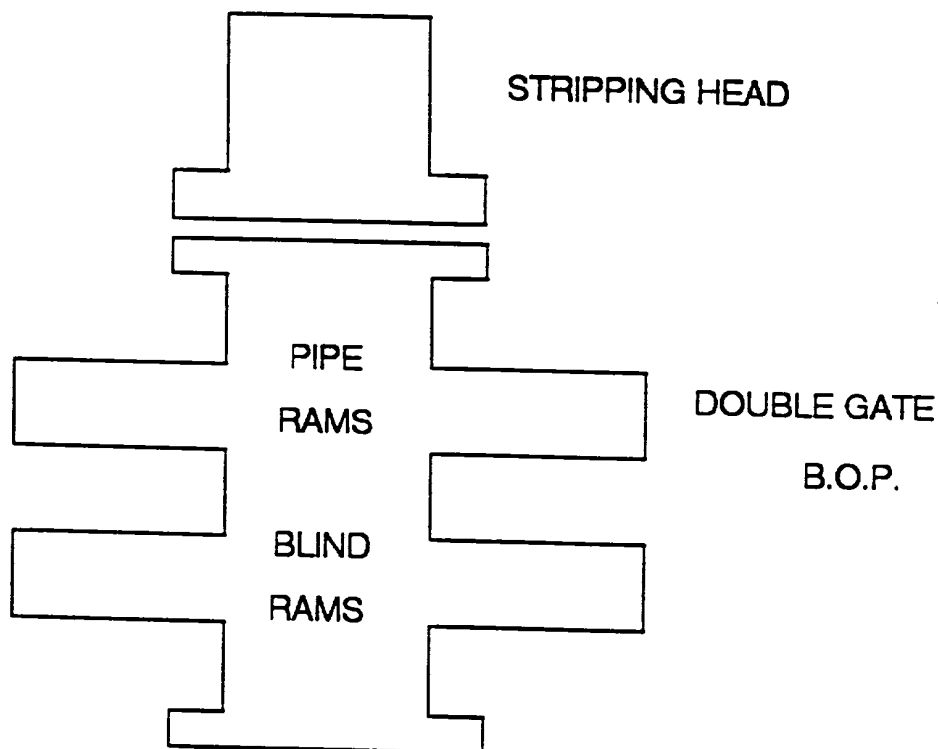
## WELLBORE DIAGRAMS

BEFORE R/C

AFTER R/C



# WORKOVER / RECOMPLETION B.O.P. SCHEMATIC



MINIMUM: 6" 2000 PSI DOUBLE GATE B.O.P.  
MAXIMUM ANTICIPATED SHUT-IN WELLHEAD  
PRESSURE IS LESS THAN 2000 PSI