

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-SF-047039-B
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 KUTZ CANYON OIL & GAS
4. LOCATION OF WELL 1090' FSL; 1650' FWL	9. WELL NO. 2
14. DISTANCE IN MILES FROM NEAREST TOWN	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 08, T28N, R10W
	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 S/ 255.68
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.) 5724' GR	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature]
REGULATORY AFFAIRS

(SHIP)

RECEIVED

JUL 31 1990

7-11-90
DATE

PERMIT NO. _____ APPROVAL DATE _____ OIL CON. DIV.
APPROVED BY _____ TITLE _____ DIST. 3 DATE _____

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

NMOGD

APPROVED
JUL 23 1990
AREA MANAGER

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, Artesia, 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 (SF-047039B) Kutz Canyon Oil & Gas		Well No. 2
Unit Lacer N	Section 8	Township 28 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1090 feet from the South line and			1650 feet from the West line		
Ground level Elev. 5724'	Producing Formation Fruitland coal		Pool Basin	Dedicated Acreage: 255.68 Acres	

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

Prepared from a plat:
by C.O. Walker
dated June 17, 1957

RECEIVED
JUL 31 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.

Signature

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Meridian Oil Inc.

Company

Date

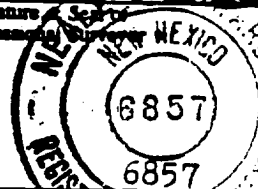
SURVEYOR CERTIFICATION

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.

7-10-90

Date Surveyed

Signature of Seal of
Professional Surveyor



Certificate No.

Neale C. Edwards

RECOMPLETION PROCEDURE
KUTZ CANYON OIL AND GAS #2

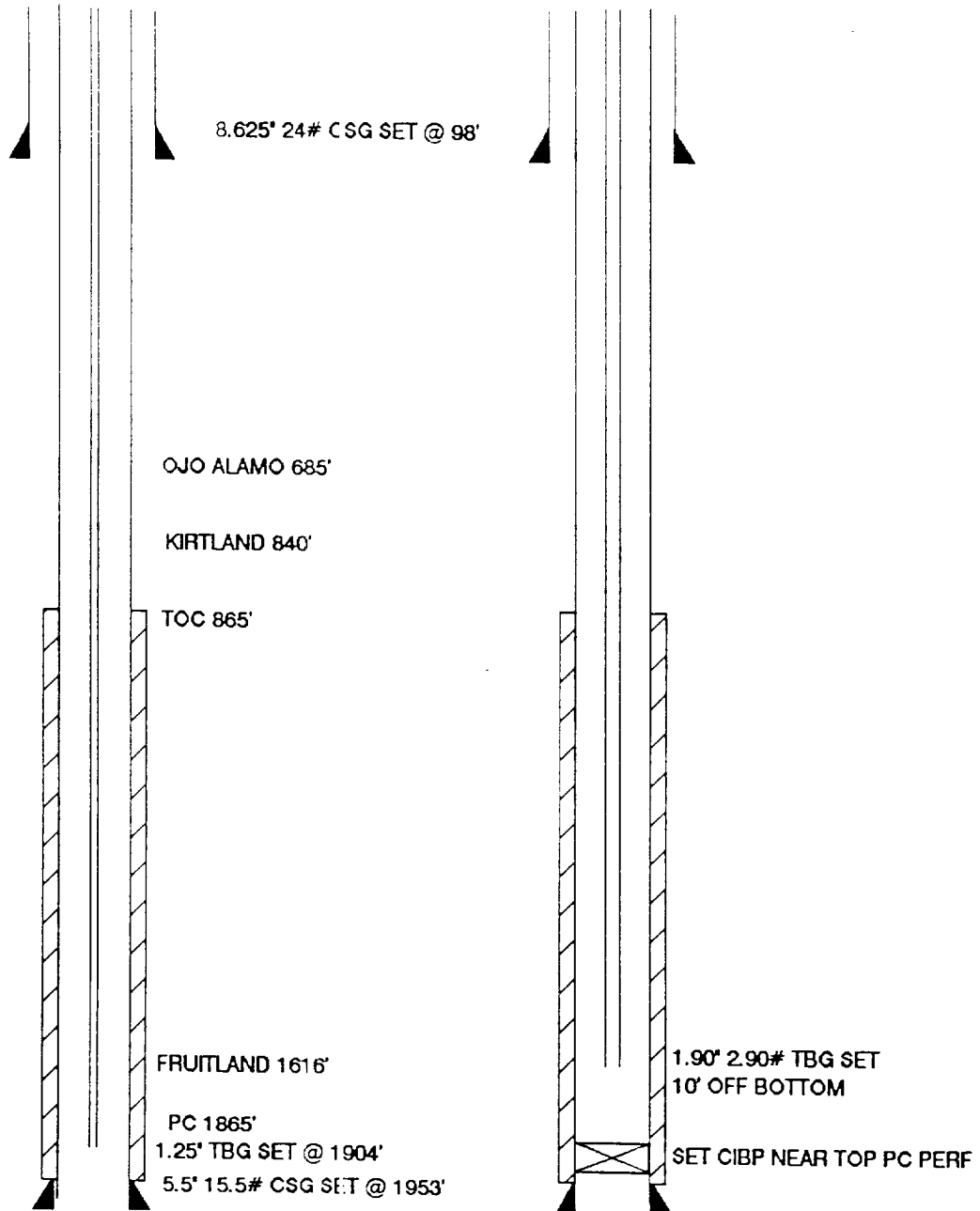
1. MOL and RU. ND wellhead. NU BOP. Load hole with water.
2. TOOH with tubing.
3. Run GR-CCL-CNL. Pick perforations from log.
4. Set a 5 1/2" CIBP as close to the bottom Fruitland coal perforation as possible. Pressure test casing to 1000 psi for 15 minutes.
- 5. Perforate coal. Projected zones to be selected from CNL log run.
6. TIH with 2 3/8" tubing and swab wellbore dry. Check well for gas flow. Evaluate well overnight.
7. TIH with 1 1/2" tubing and clean out to CIBP.
8. Land 1 1/2" 2.9# EUE tubing with an expendable check on bottom, and a common pump seating nipple one joint off bottom. Land tubing above bottom perforation. Swab well in. Record final 30, 45, and 60 minute gauges on morning report. ND BOP. NU tree. RD and release rig.
9. Evaluate well's performance for possible fracture stimulation. A fracture stimulation procedure will be provided if necessary.

KUTZ CANYON OIL AND GAS #2

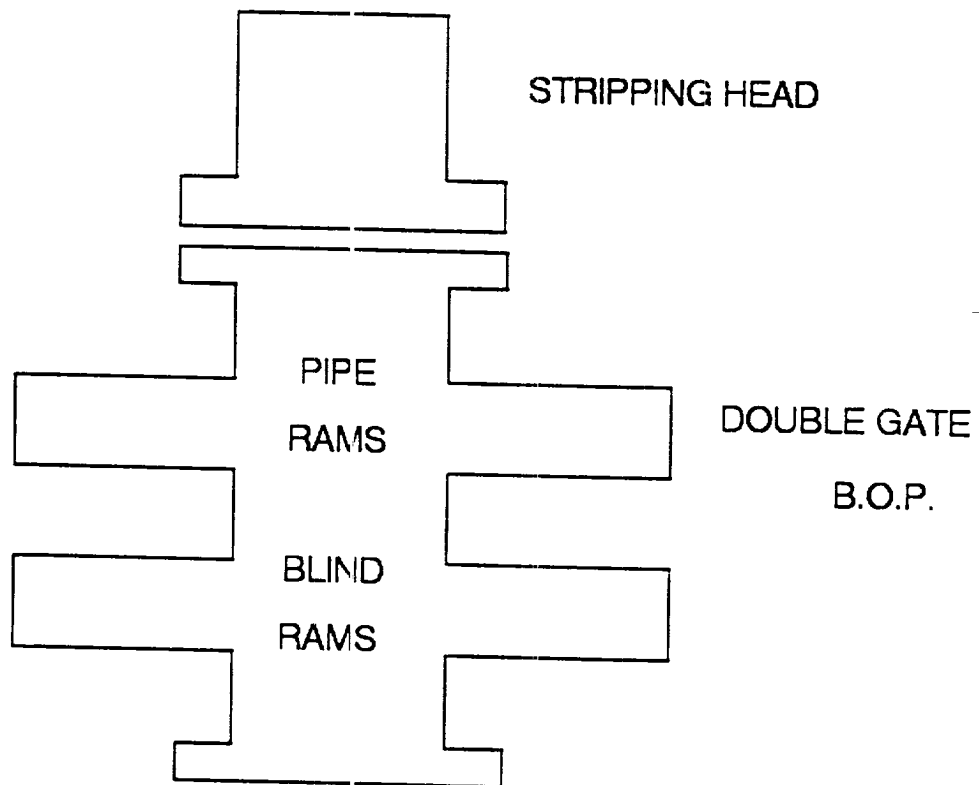
WEL_BORE DIAGRAMS

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