

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	RECEIVED JUN 6 1990	5. LEASE NUMBER SF-077386-A
1b. TYPE OF WELL GAS		6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	OIL CON. DIV. DIST. 3	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 JOHNSON
4. LOCATION OF WELL 1625' FSL; 1090' FEL		9. WELL NO. 2
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
		11. SEC. T. R. M OR BLK. I SEC. 21, R27N , R10W
14. DISTANCE IN MILES FROM NEAREST TOWN	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.) 6101' DF	22. APPROX. DATE WORK WILL START	
23. PROPOSED CASING AND CEMENTING PROGRAM		
*SEE OPERATIONS PLAN		
24. AUTHORIZED BY: <i>[Signature]</i> (CJS) REGULATORY AFFAIRS	<u>5-24-90</u> DATE	

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

MAY 29 1990
Ken Townsends FOR
AREA MANAGER

NMOCD

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 Johnson (SF-077386A)		Well No. 2
Unit Letter I	Section 21	Township 27 North	Range 10 West	County San Juan	NMPM
Actual Footage Location of Well: 1625 feet from the South line and 1090 feet from the East line					
Ground level Elev. 6091'		Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 320 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 communitization agreement will be this form if necessary. obtained
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Prepared from a plat
dated 3-7-53 by
James P. Deese.

RECEIVED
JUN 3 1990

OIL CONSERV. DIV.
LOGS

21

1090'

1625'

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

5-24-90
Date

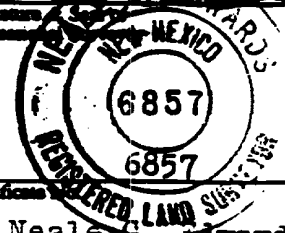
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes 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.

5-23-90
Date Surveyed

Neale Edwards
Signature

Professional



Certificate No.

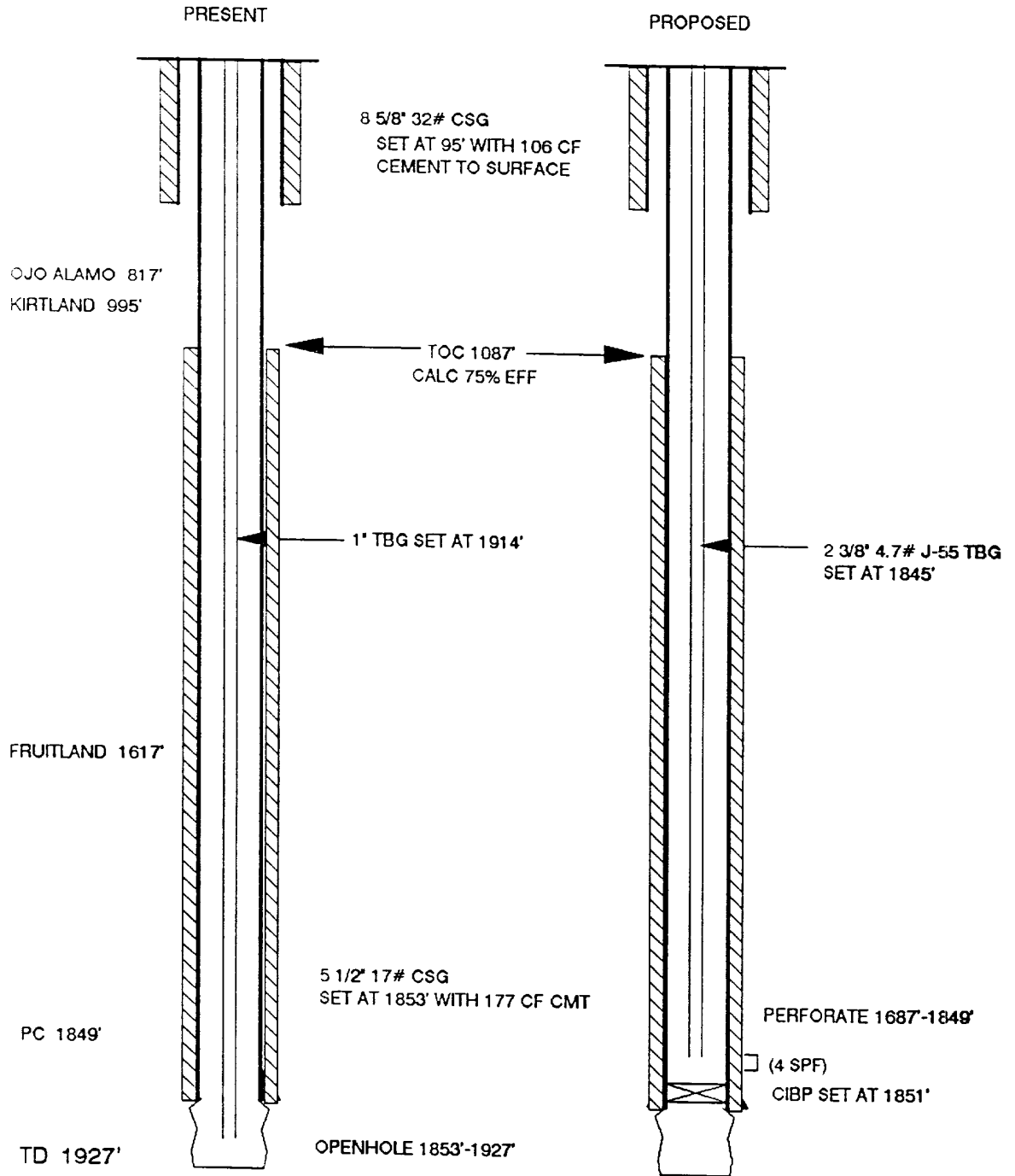
Neale Edwards

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

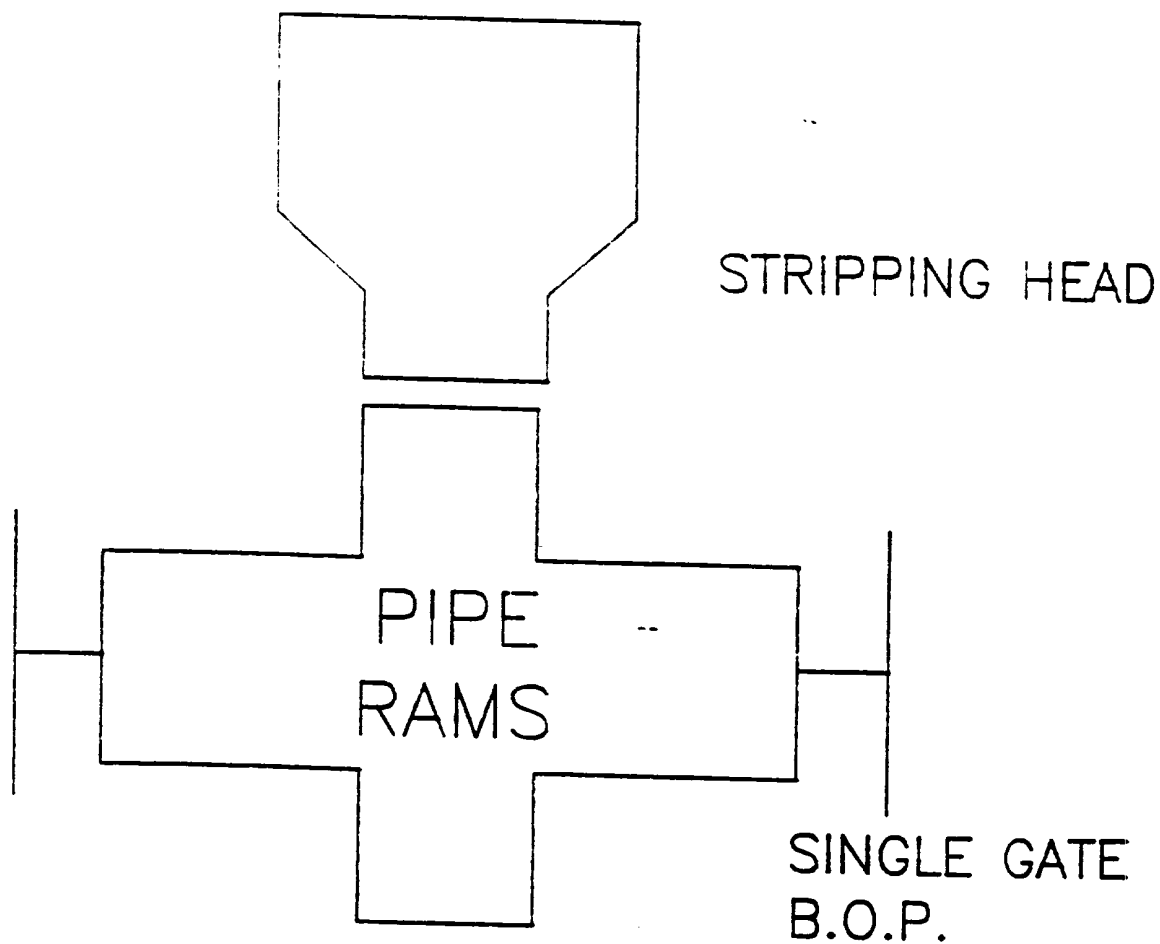
Johnson #2
Procedure to Recomplete Fruitland Coal

1. Check location anchors.
 2. MOL and rig up daylight pulling unit with rip pump and blow tank.
 3. Kill PC with water as needed. ND wellhead. NU BOP. TOOH with 1" tubing.
 4. Run CNL-GR-CCL. Set cast iron bridge plug at 1851'.
 5. Pressure test casing to 750 psi for 15 minutes.
 6. Perforate the Fruitland Coal interval.
 7. Pick up retrievable bridge plug and packer. TIH on 2 3/8" tubing. Isolate each coal interval and breakdown. TOOH.
 8. TIH with 2 3/8" tubing with expendable check on bottom. Blow well with air.
 9. Obtain and record gauges. When returns dry up, TOOH with 2 3/8" tubing.
 10. TIH with 2 3/8" 4.7# EUE tubing with pump out plug on bottom and common pump seating nipple one joint off bottom. Land tubing at 1845'. Nipple down BOP. Nipple up wellhead.
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JOHNSON #2
WELLBORE DIAGRAMS
UNIT I SECTION 21 T27N-R10W
FRUITLAND COAL RECOMPLETION



WORKOVER / RECOMPLETION B. O. P. SCHEMATIC



MINIMUM: 2 7/8" 1500 PSI SINGLE GATE B.O.P.

MAXIMUM ANTICIPATED SHUT-IN WELLHEAD
PRESSURE IS LESS THAN 1500 PSI