

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101

OIL CONSERVATION DIVISION
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		API NO. (assigned by OCD on new well)			
-----		5. Indicate Type of Lease FEE			
		6. State Oil & Gas Lease No.			
1a. Type of Work PLUG BACK		7. Lease Name or Unit Agreement Name MORRIS			
b. Type of Well GAS					
2. Name of Operator MERIDIAN OIL INC.		8. Well No. #5			
3. Address of Operator P.O. BOX 4289 FARMINGTON, NM 87499		9. Pool Name or Wildcat BASIN FRUITLAND COAL			
4. Well Location H SEC. 29, T30N, R11W 1650' FNL; 990' FEL					
10. Proposed Depth		11. Formation	12. Rotary or C.T.		
13. Elevation 5831' GL	14. Bond Type	15. Drill Contractor	16. Est. Start Date		
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE HOLE	SIZE CASING	WT. PER FT.	SET. DEPTH	SKS OF CEMENT	EST. TOP
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RECEIVED

APR 05 1990

OIL CON. DIV.

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

SIGNATURE [Signature] (JBK) TITLE Regulatory Affairs DATE 4-4-90

(This space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DISI. DATE APR 05 1990
Conditions of approval, if any:

Prior to commencement of operations a breakdown test must be witnessed by the OCD. Any flow must be sampled and analyzed. If breakdown flows the well must be cemented to surface.

RECEIVED

1960

OFF. COM. DIR.

120

1960

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, 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 Morris (Fee)		Well No. 5
Unit Letter H	Section 29	Township 30 North	Range 11 West	County San Juan
Actual Footage Location of Well: 1650 feet from the North line and 990 feet from the East line				
Ground level Elev. 5831'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 319.16 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 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.

Not re-surveyed;
prepared from a plat by
C.O. Walker 2-2-56

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

4-4-90
Date

SURVEYOR CERTIFICATION

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

4-3-90
Date Surveyed

Neale C. Edwards
Signature of Surveyor

NEW MEXICO
6857
6857
REGISTERED LAND SURVEYOR

Neale C. Edwards
Certificate No.

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APR 05 1990

OIL CON. DIV
DIST. 3

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

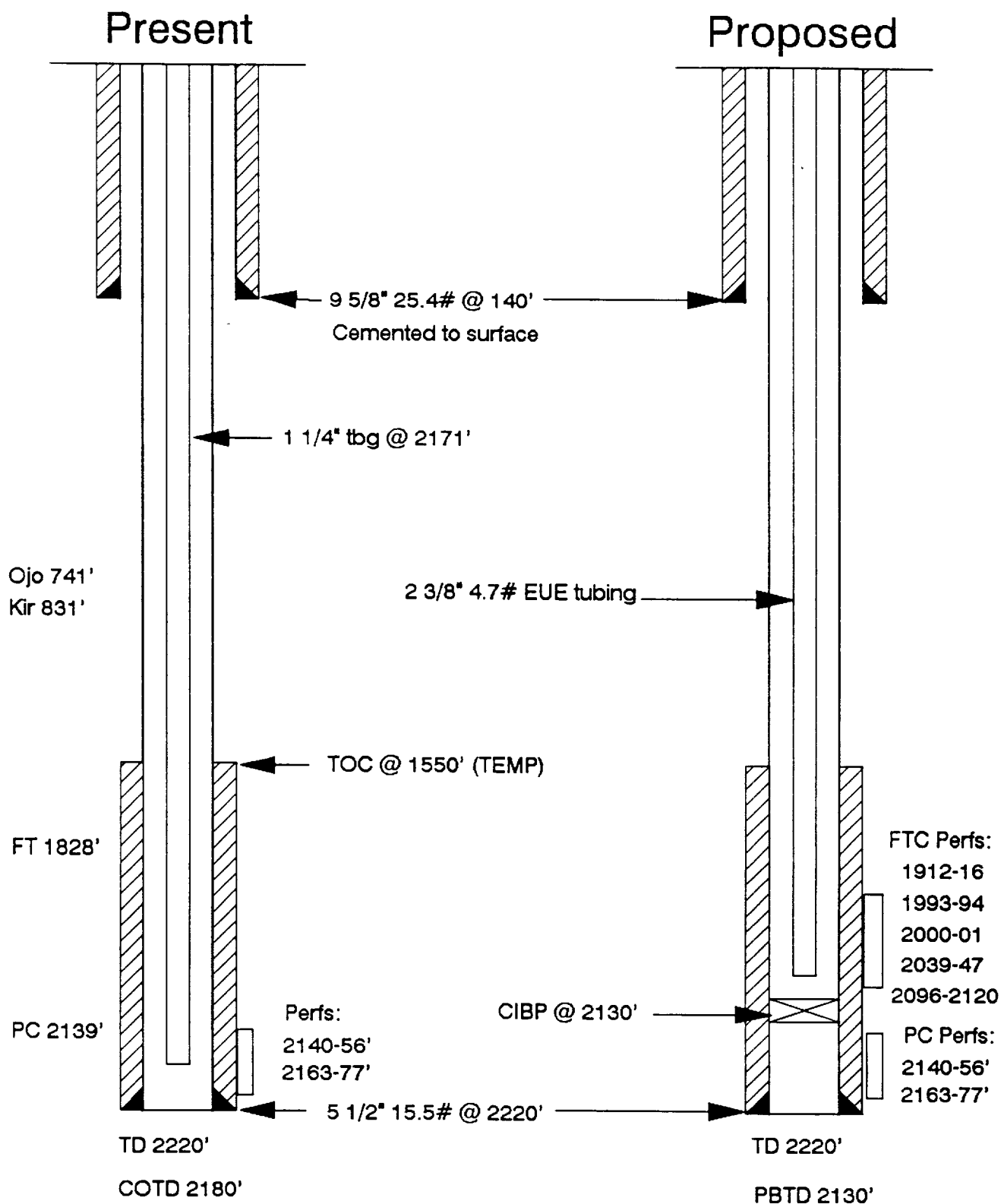
**Morris #5
Recompletion Procedure**

1. Repair or install location anchors as needed.
2. RDMO. Hold safety meeting and place fire and safety equipment in strategic locations. Install blow lines.
3. Kill PC well with water if needed. ND WH and NU BOP.
4. TOOH with 2171' of 1 1/4" 2.3# tubing. TIH with 2 3/8" tubing and casing scraper. CO to COTD 2180'. TOOH.
5. Run GR-CCL from PBTD to top of coal. Set cast iron bridge plug above PC perforations on wireline. RD wireline.
6. Pressure test casing to 3500 psi for 15 minutes. If casing fails, well will be evaluated for repair.
7. Perforate coal intervals with 2 SPF.
8. Breakdown perforations with HCl. TOOH.
9. Install frac tanks on location.
10. Fracture stimulate the well.
11. SI well and allow gel to break.
12. Flow well back.
13. TIH with 2 3/8" tubing and CO to PBTD. Blow well around with air until production is maintained.
14. TOOH. TIH with 2 3/8" tubing and SN one joint off bottom. Land tubing one joint off PBTD.
15. ND BOP and NU WH. RDMO
16. Turn well on to production.

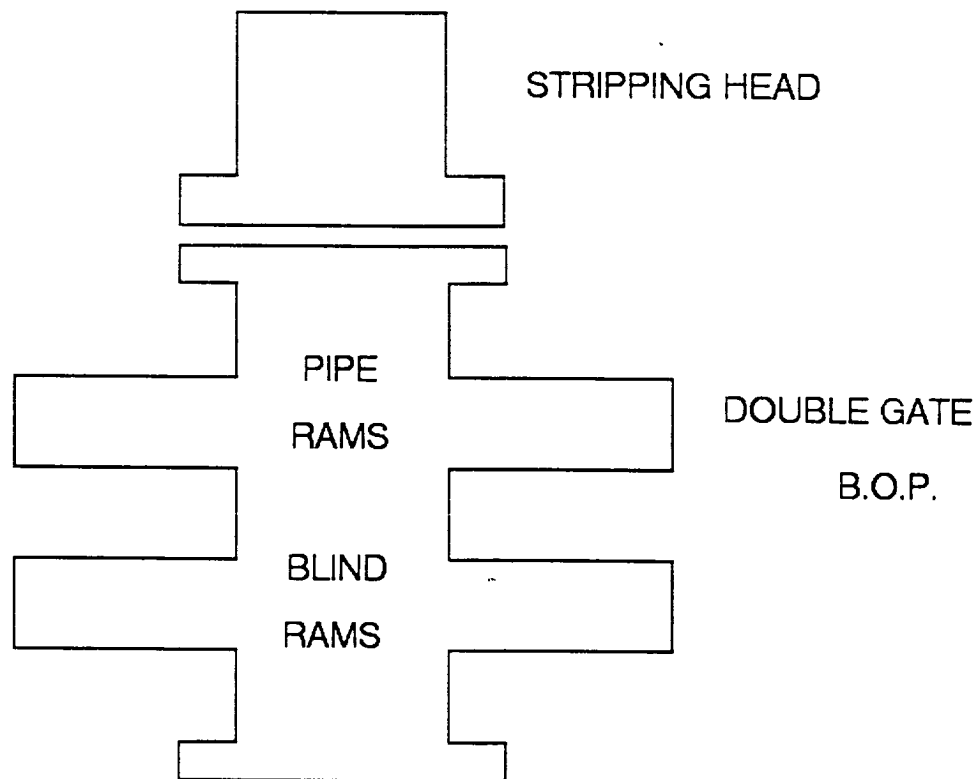
MORRIS #5

Fruitland Coal Recompletion

Elev: 5831' GR



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