

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)
1a. Type of Work PLUGBACK	5. Indicate Type of Lease STATE
b. Type of Well GAS	6. State Oil & Gas Lease No. E-4073-2
2. Name of Operator MERIDIAN OIL INC.	7. Lease Name or Unit Agreement Name SENGES COM
3. Address of Operator P.O. BOX 4289 FARMINGTON, NM 87499	8. Well No. 1
4. Well Location SE/4 SEC. 02, 10TH , R08W 990' FSL; 1090' FEL	9. Pool Name or Wildcat BASIN FRUITLAND COAL

RECEIVED

AUG 13 1990

OIL CON. DIV
DIST. 3

10. Proposed Depth	11. Formation	12. Rotary or C.T.
13. Elevation 6639' 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

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

SIGNATURE Frank I. Chavez (CJS) TITLE Regulatory Affairs DATE 8-13-90
(This space for State Use)

APPROVED BY Original Signed by FRANK I. CHAVEZ TITLE SUPERVISOR DISTRICT #3 DATE AUG 16 1990
Conditions of approval, if any:

7/10/90 f.i. Chavez

Submit to Assignments
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 Senges Com (E-4073-2)		Well No. 1
Unit Letter P	Section 2	Township 27 North	Range 8 West	County NMNM San Juan	
Actual Footage Location of Well: 990 feet from the South line and 1090 feet from the East line Ground level Elev. 6639' Producing Formation Fruitland Coal Basin Dedicated Acreage: 321.2 Acres					

1. Outline the acreage dedicated to the subject well by colored pencil or ink 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 communitization agreement will be

this form if necessary. obtained

No allowance will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-consolidated unit, eliminating such interest, has been approved by the Division.

Prepared from plat
By: David O. Vilven
Dated: 5-9-60

RECEIVED

AUG 3 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

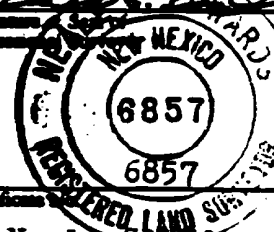
8-13-91
Date

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. 8-8-90

Neale C. Edwards
Date Surveyed

Neale C. Edwards
Professional Surveyor



Neale C. Edwards
Certified Land Surveyor

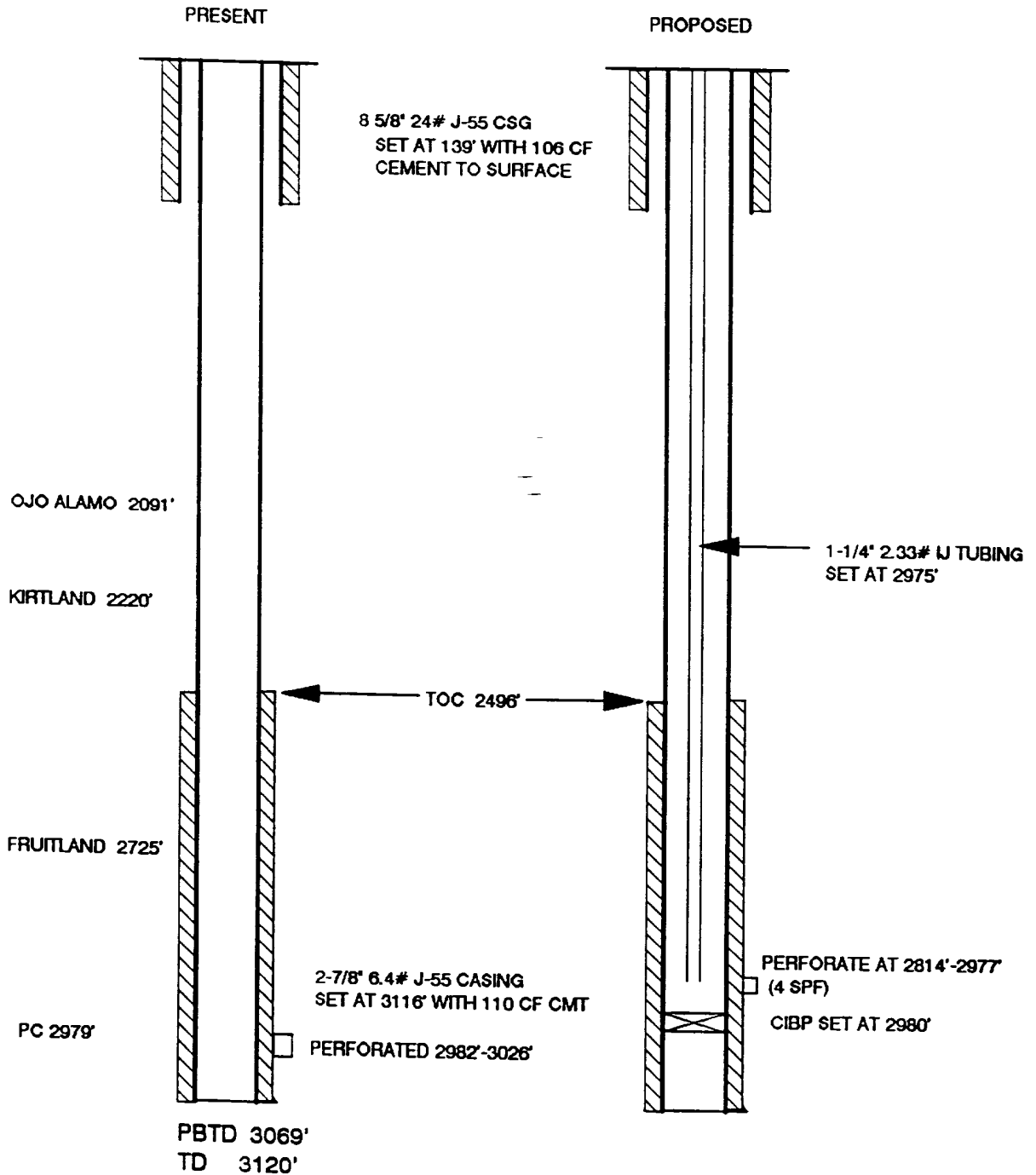
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Senges Com #1
Procedure to Recomplete Fruitland Coal

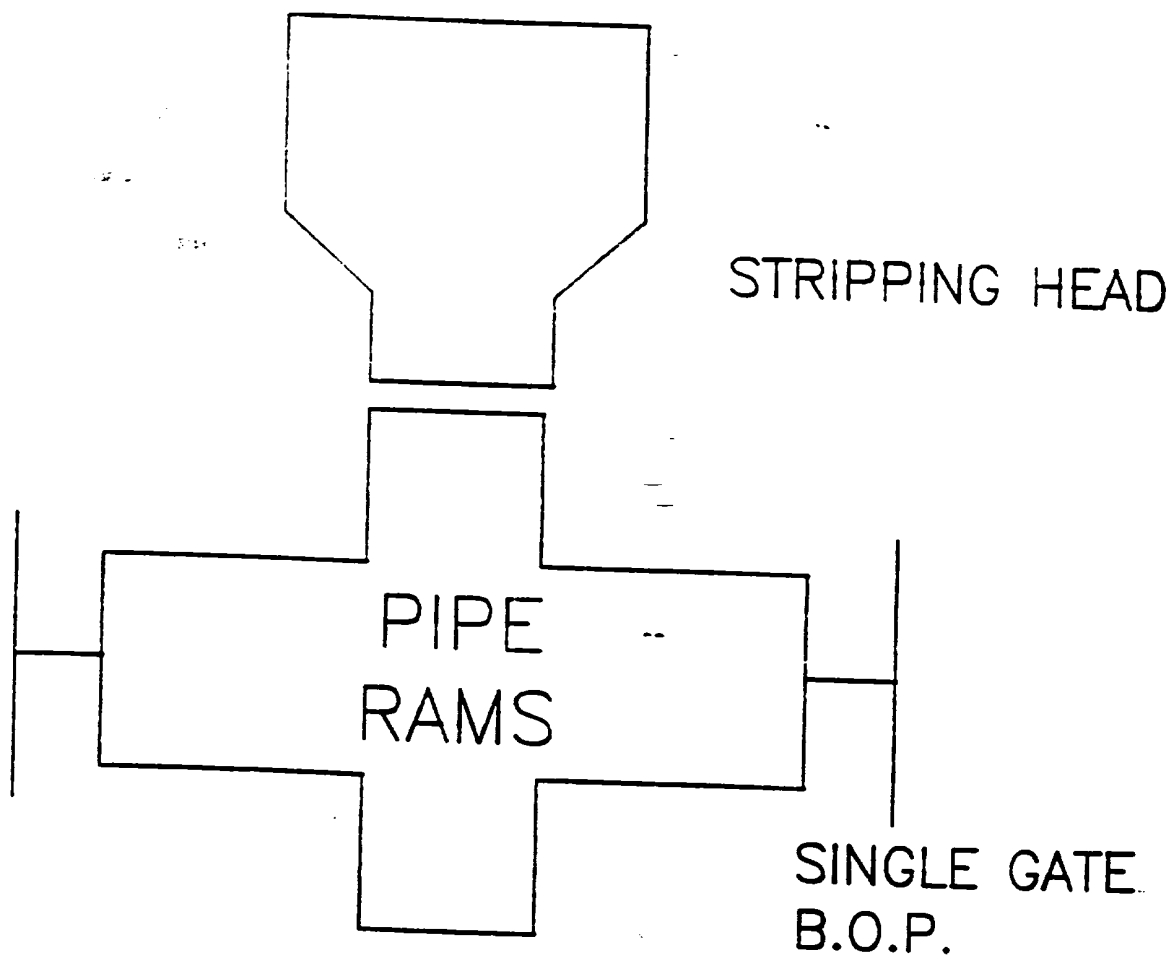
1. Check location anchors.
 2. MOL and rig up daylight pulling unit with rip pump and blow tank.
 3. Kill PC with water as needed.
 4. Run GR-CCL. Set cast iron bridge plug at 2980'. Run CBL to locate cement top.
 5. Pressure test casing to 4500 psi for 15 minutes. If test fails and failure is within 500' of surface, backoff and replace bad joints.
 6. Perforate the Fruitland Coal interval.
 7. Pick up retrievable bridge plug and packer. TIH on 1 13/16" drillpipe. Isolate each coal interval and breakdown.
 8. Fracture stimulate well.
 9. Open well through variable choke and flow back slowly.
 10. Nipple up Bowen BOP. TIH with 1 1/4" tubing with expendable check on bottom. Blow well with air.
 11. Obtain and record gauges. When returns dry up, TOOH with 1 1/4" tubing.
 12. TIH with 1 1/4" 2.33# IJ tubing with pump out plug on bottom and common pump seating nipple one joint off bottom. Land tubing at 2975'. Nipple down BOP. Nipple up wellhead.
-

SENGES COM #1
WELLBORE DIAGRAMS

UNIT P SECTION 2 T27N-R8W
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