

Submit to ASSESSORS
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED

OIL CONSERVATION DIVISION

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

MAR 1 3 1991

OIL CON. DIV
DIST. 3

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

DISTRICT II
P.O. Drawer 00, 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 El Paso Natural Gas Company			Lease Lindrith Unit (SF-078910)		Well No. 54
Unit Letter K	Section 31	Township 24 North	Range 2 West	County NMEN	Rio Arriba
Actual Footage Location of Well: 1500 feet from the South line and 1550 feet from the West line					
Ground level elev. 7174'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage 304.28 Acres	

1. Outline the acreage dedicated to the subject well by enclosed parcel or include 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, forced-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation unitization

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.

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

El Paso Natural Gas

Company

11-2-90

Date

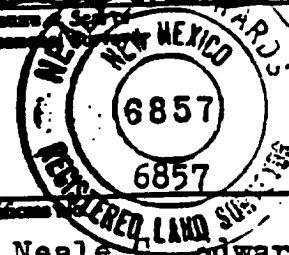
SURVEYOR CERTIFICATION

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.

11-2-90

Date Surveyed

Neale Edwards
Signature
Professional Surveyor





LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
NOV 27 1990

1a. TYPE OF WORK
PLUG BACK
1b. TYPE OF WELL
GAS

5. LEASE NUMBER

SF-078910

6. IF INDIAN, ALL. OR TRIBE NAME

2. OPERATOR

El Paso Natural Gas Company

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

Lindrith Unit

9. WELL NO.

#54

4. LOCATION OF WELL

1500' FSL, 1550' FWL

10. FIELD, POOL, OR WILDCAT
BASIN FRUITLAND COAL

11. SEC. T. R. M OR BLK.

Section 31, T24N, R02W

14. DISTANCE IN MILES FROM NEAREST TOWN

12. COUNTY

Rio Arriba

13. STATE

NM

15. DISTANCE FROM
PROPOSED LOCATION
TO NEAREST PROPERTY
OR LEASE LINE.

16. ACRES IN LEASE

17. ACRES ASSIGNED TO WELL

304.28

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.)

7174' GL

22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

*SEE OPERATIONS PLAN

24. AUTHORIZED BY: [Signature] (CJS)
REGULATORY AFFAIRS

11-2-90

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

NOV 16 1990
Ken T. [Signature]
FOR AREA MANAGER

Submit to Appropriate
District Office
State Leases - 4 copies
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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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WELL LOCATION AND ACREAGE DEDICATION PLAT

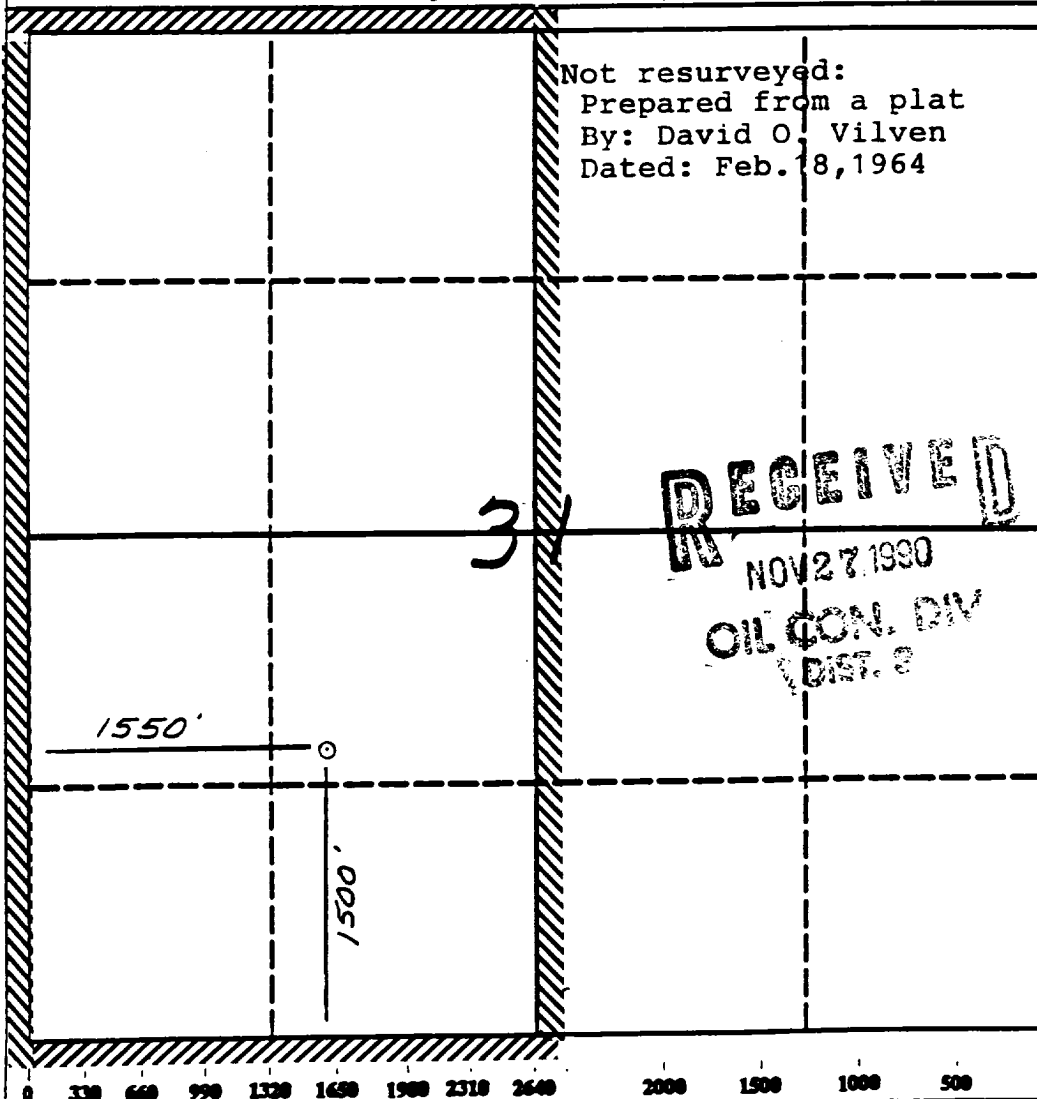
All Distances must be from the outer boundaries of the section

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Unit Letter K	Section 31	Township 24 North	Range 2 West	County RIO ARriba
Actual Footage Location of Well: 1500 feet from the South line and 1550 feet from the West line				
Ground level Elev. 7174'	Producing Formation Fruitland Coal		Basin	Dedicated Acreage: 304.28 Acres

- Outline the acreage dedicated to the subject well by colored pencil or machine 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).
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I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradford
Signature

Peggy Bradford

Printed Name

Regulatory Affairs

Position

El Paso Natural Gas

Company

11-2-90

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.

11-2-90

Date Surveyed

Neale C. Edwards
Signature

Professional Surveyor

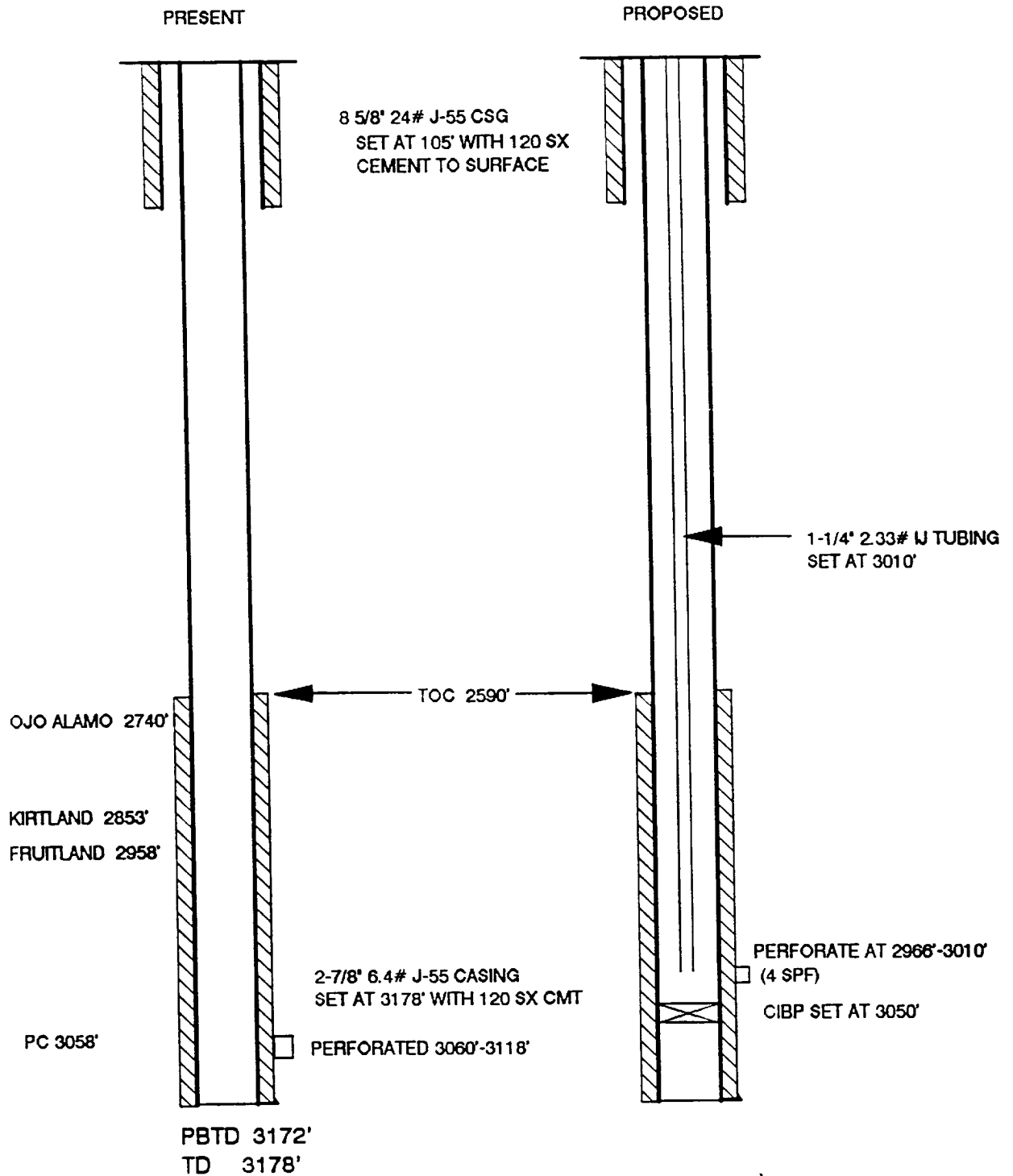


Certified Land Surveyor

Neale C. Edwards

LINDRITH UNIT #54
WELLBORE DIAGRAMS

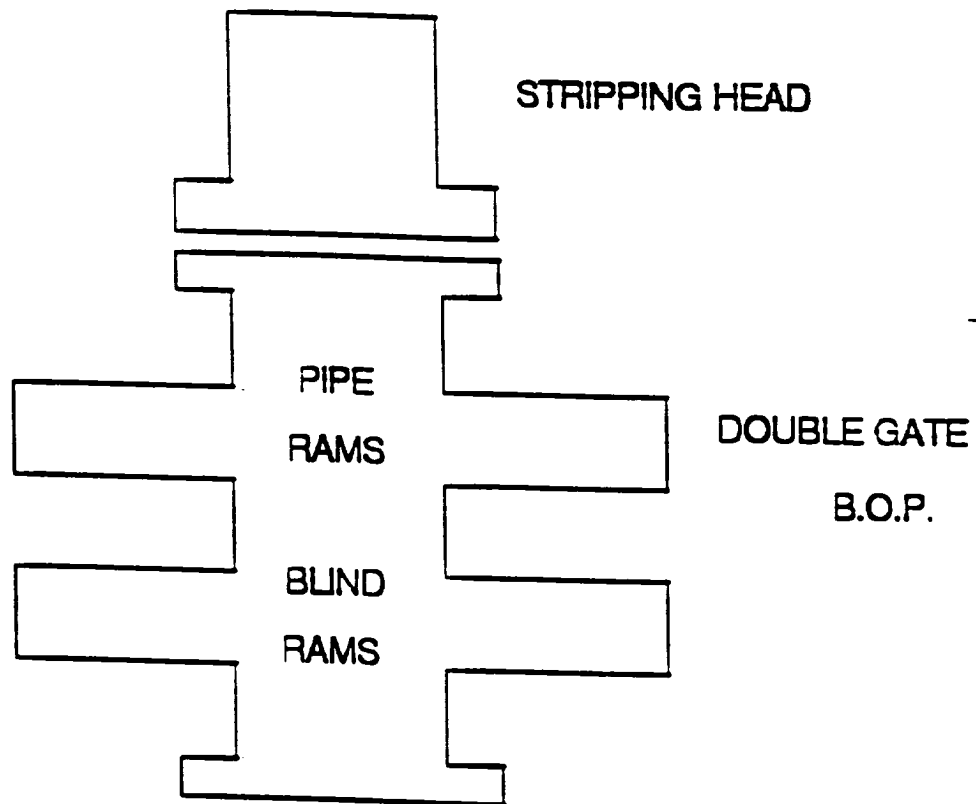
UNIT K SECTION 31 T24N-R2W
FRUITLAND COAL RECOMPLETION



Lindrith Unit #54
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 3050'.
5. Pressure test casing to 4000 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 3010'. Nipple down BOP. Nipple up wellhead.

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