

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-043-20096

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 El Paso Natural Gas Company

3. ADDRESS OF OPERATOR
 PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1650'S, 1557'E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.
 Jicarilla Cont. #54

6. IS INDIAN, ALLOTTEE OR TRIBE NAME
 Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Stromberg

9. WELL NO.
 9

10. FIELD AND POOL, OR WILDCAT
 Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 34, T-23-N, R-3-W NMPM

12. COUNTY OR PARISH
 Sandoval

13. STATE
 New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160.00 ✓

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 2889'

20. ROTARY OR CABLE TOOLS
 Rotary

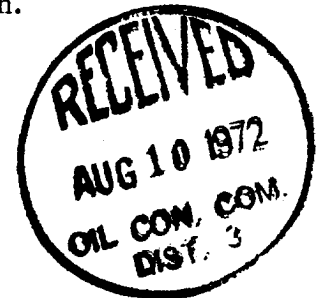
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7199'GL

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	120'	107 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	2889'	136 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Petroleum Engineer DATE August 7, 1972

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes O-128
1-1-67

All distances must be from the outer boundaries of the Section

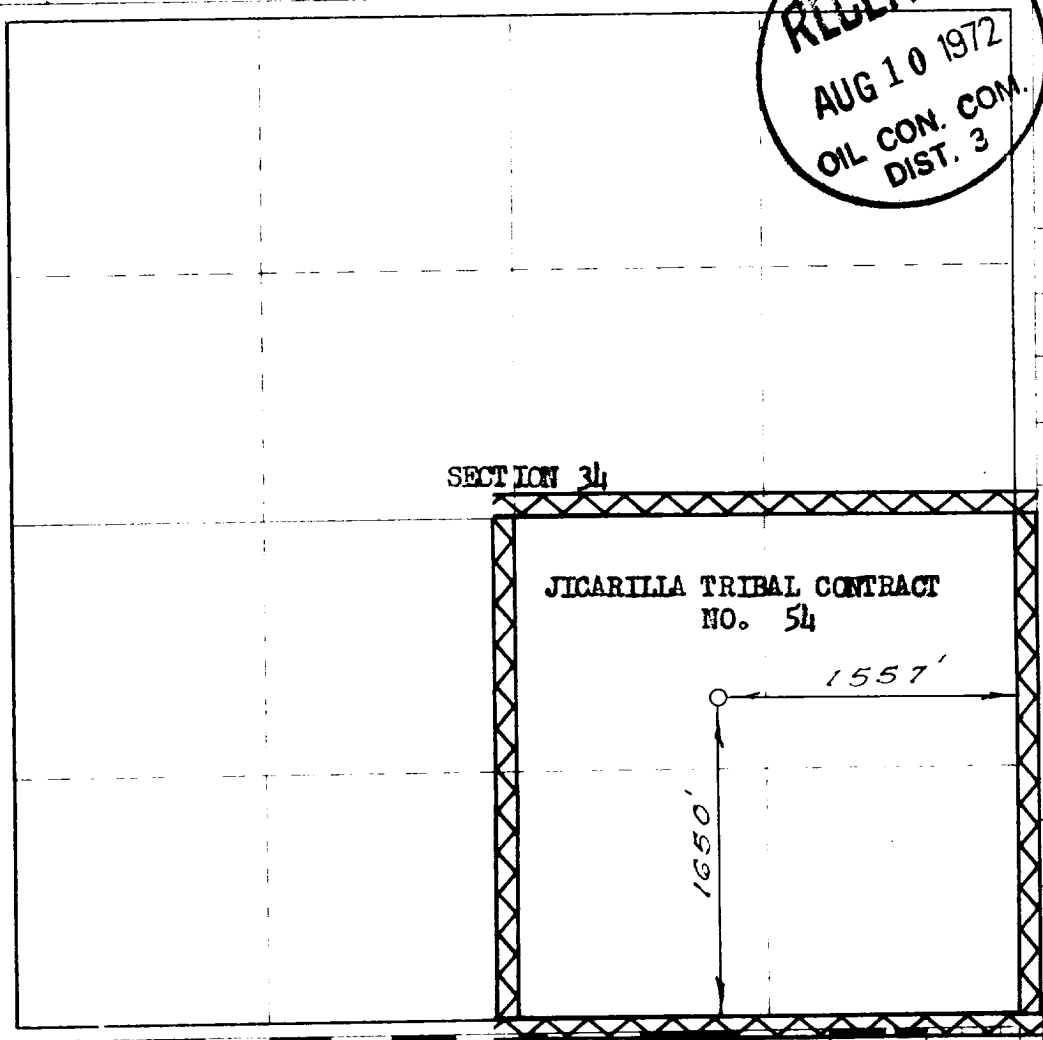
EL PASO NATURAL GAS COMPANY		STROMBERG (JICARILLA CON. #54)		9
J	34	23-N	3-W	SANDOVAL
1650	SOUTH	1557	EAST	
7199	PICTURED CLIFFS	BALIARD PICTURED CLIFFS	160.00	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 all interests, has been approved by the Commission.



CERTIFICATION

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

Original Signed F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Co.

August 7, 1972

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.

MARCH 22, 1972

Paul Silver
1760