

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21270

5. LEASE DESIGNATION AND SERIAL NO.

SF 078316-E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Riddle C

9. WELL NO.

5

10. FUSED AND FOGG, OR WILDCAT

Blanco Pictured Cliffs Ext.

11. SEC., T., R., OR ECK.
AND SURVEY OF AREASec. 31, T-31-N, R-9-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

1b. 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

805'S, 1670'E

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LAND, FT.
(Also to nearest drg. well (no. if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

156.26

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

19. PROPOSED DEPTH

3360'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (Show whether DY, B.F., GR, etc.)

6489'GR

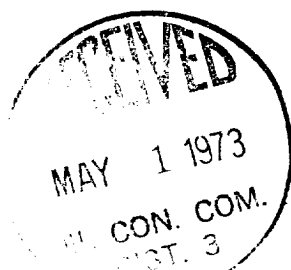
22. APPROX. DATE WORK WILL START*

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"	24.0	120'	110 cu. ft. to circulate
6 3/4"	2 7/8"	6.4	3360'	430 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The SE/4 of Section 31 is dedicated to this well.



APR 28 1973

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

TITLE

Petroleum Engineer

DATE

April 27, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-172
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

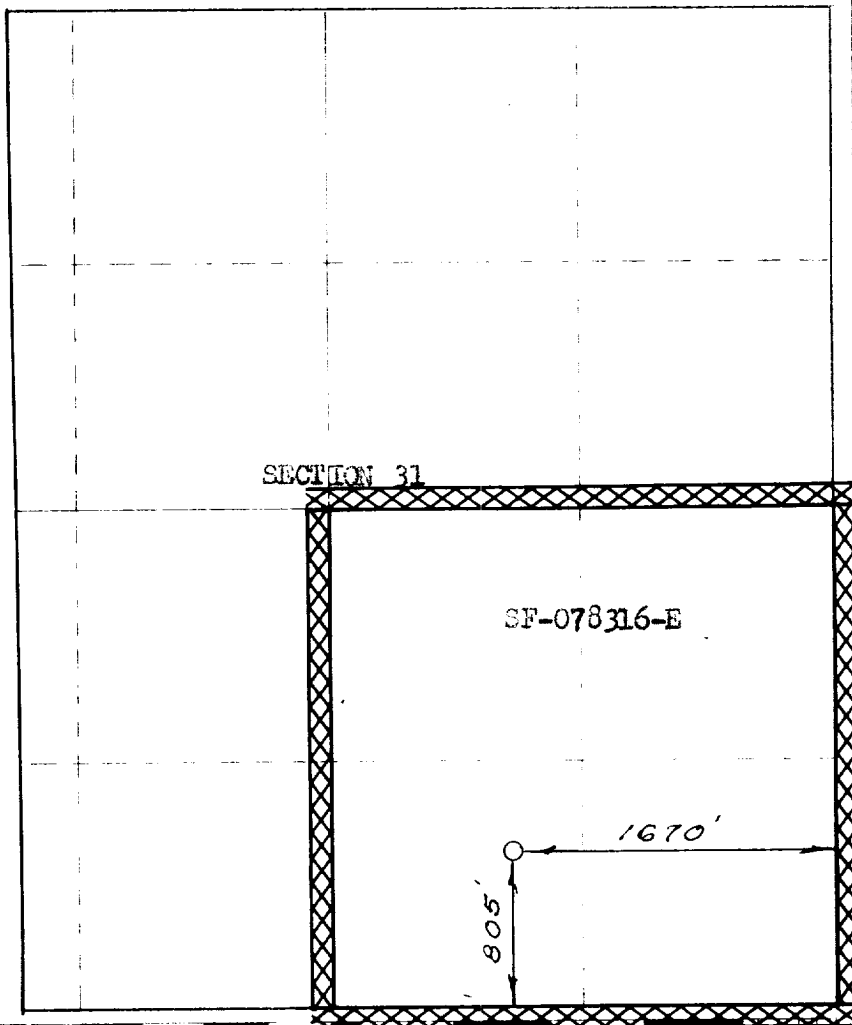
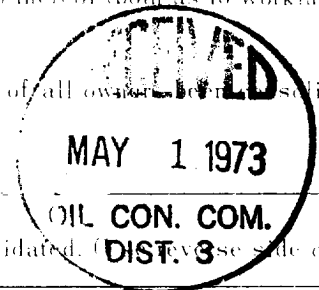
Operator EL PASO NATURAL GAS COMPANY		Locality RIDDLE C		(SF-078316-E)		Well No. 5	
Tract Letter 0	Section 31	Township 31-N	Range 9-W	County SAN JUAN			
Acres of Footage Located at Well: 805 feet from the SOUTH line of the 1670 feet to the EAST line.							
Ground Level Elev. 6489	Picture or Description PICTURED CLIFFS		Picture or Description BLANCO PICTURED CLIFFS EXT.		Acres of Footage 156.26		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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. (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 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.

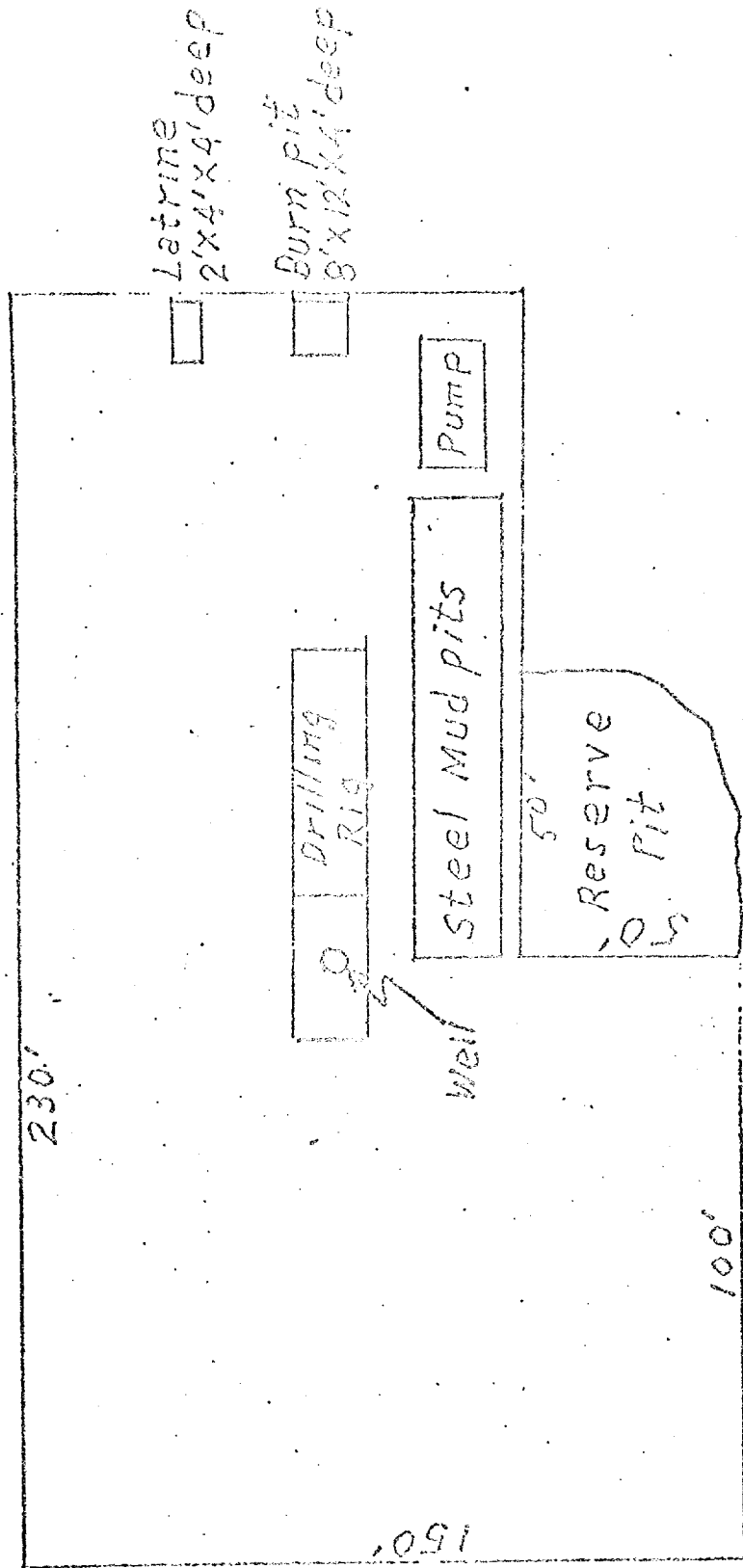
April 27, 1973

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.

APRIL 2, 1973

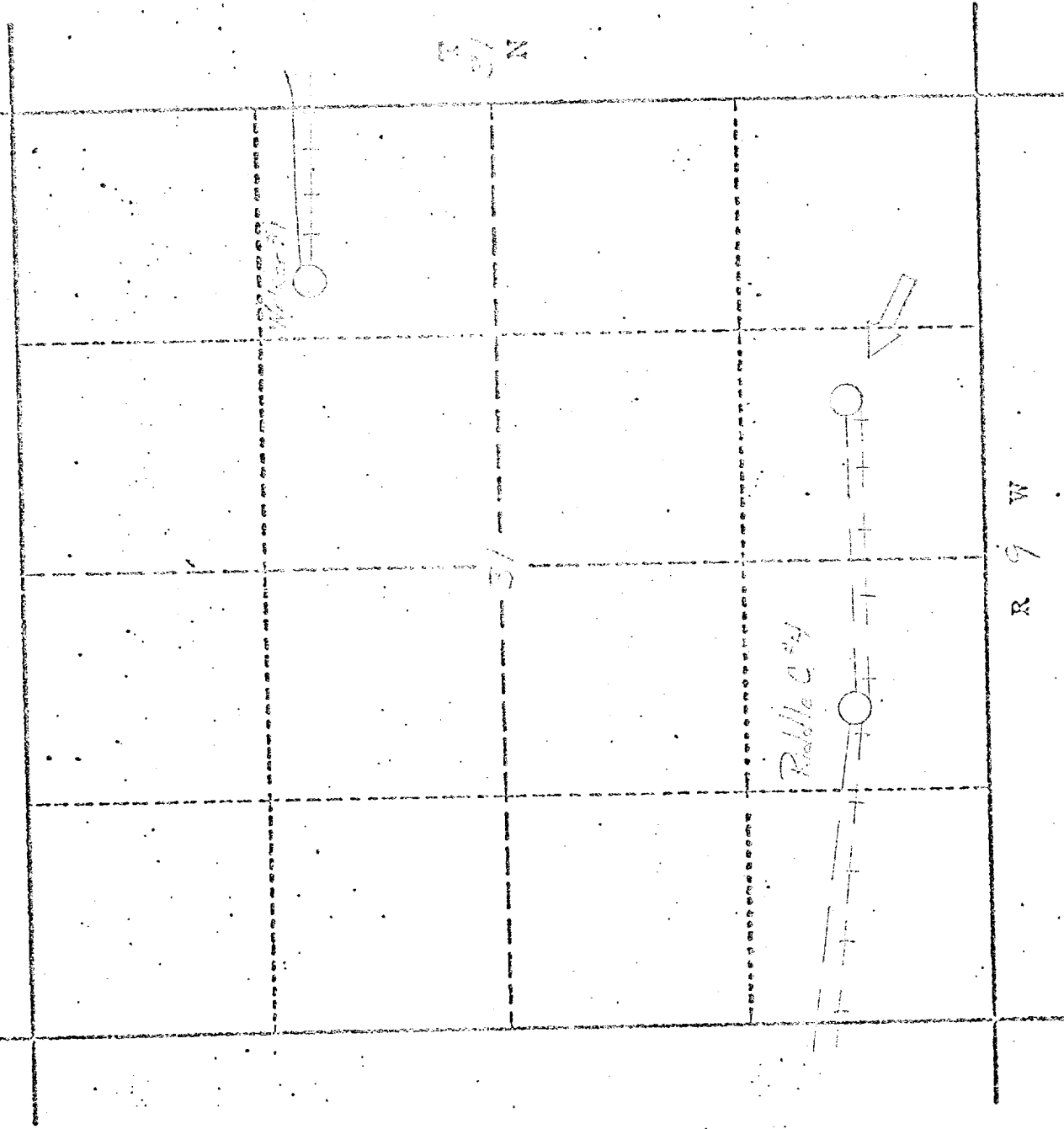
David Olsen
1760

Riddle C No. 5



EXISTING AND PROPOSED ROADS AND PIPELINE RIGHTS-OF-WAY

Riddle C No. 5



Existing Road
Proposed Road
Existing Right-of-Way
Proposed Right-of-Way