

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
COPY TO O. C. C.3-172-21412
6. LEASE DESIGNATION AND SERIAL NO.

LC 030174(a)

7. INDIAN, ALLOTTEE, OR TRIBE NAME

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 Gas Storage

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

1800 Wilco Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

660 FNL & 660 FWL of Section

At proposed prod. zone

Same

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

6 miles Southeast of Jal, 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

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1650'

19. PROPOSED DEPTH

3250

20. ROTARY OR CABLE TOOLS

Rotary

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

2997.3 Gr.

22. APPROX. DATE WORK WILL START*

June 1, 1973

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 MU46	20.0#	565	Surface (Circ)
7 7/8	4 1/2 K-55	10.5#	3250	2750

Plan is to drill 12 1/4" hole to approximately 565', run 8 5/8" 20# MU46 casing and cement to surface. WOC 12 hrs. & test to 500#. Drill 7 7/8" hole to TD (3250'), run 4 1/2" K-55 casing & cement to approximately 2750'. WOC 24 hrs. & test to 1500#. Well will be completed for injection and withdrawal of gas in the Rhodes Yates formation.

Native mud & fresh water will be used to surface casing depth. Brine based mud will be used from surface casing to T.D.. 5000# Double gated BOP equipment will be used.

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

C. D. Kysar

TITLE

Production Clerk

DATE

May 22, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

MAY 31 1973

ARTHUR R. BROWN
DISTRICT ENGINEER

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-120
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator El Paso Natural Gas Co.			Lease Rhodes Gas Storage		Well No. G.S.U. #5
Unit Letter D	Section 22	Township 26 South	Range 37 East	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 2997.3	Producing Formation		Pool		Dedicated Acreage: Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.) Injection & withdrawal well.

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.

C. D. Ryan

Name

Production Clerk

Position

El Paso Natural Gas Co.

Company

May 18, 1973

Date

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.

Date Surveyed

May 17, 1973

Registered Professional Engineer and/or Land Surveyor

Thomas Jackson

Certificate No.

2126

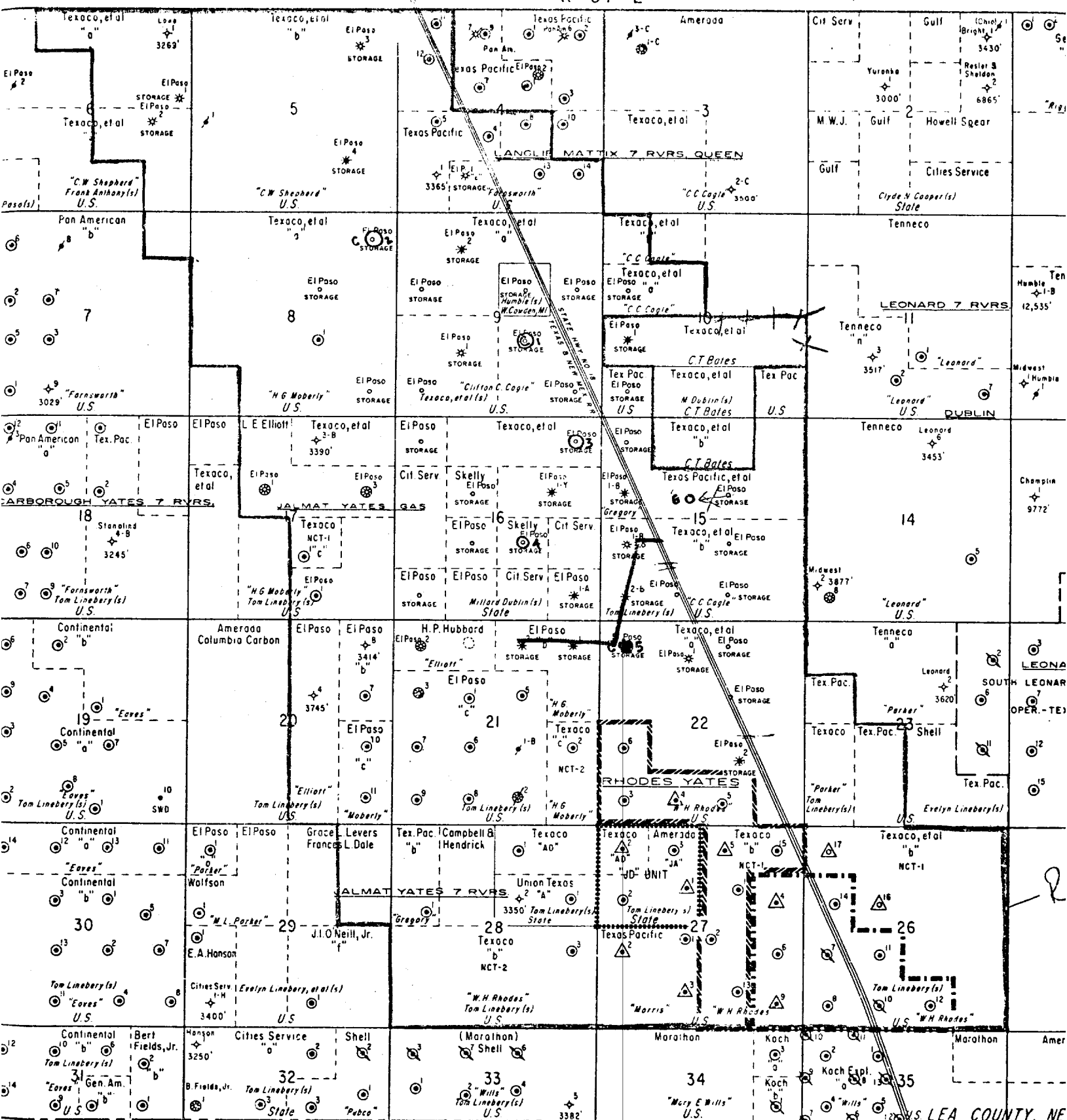
0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600 3900 4200 4500 4800 5100 5400 5700 6000

El Paso Natural Gas Company

Plan of Development - Rhodes Gas Storage Unit Numbers 1, 2, 3, 4, & 5.

1. Existing Roads - The proposed wells are located in a well developed area that is well traversed with many existing roads. These roads are shown on the attached map. Repairs to existing roads will be made whenever necessary.
2. Planned Access Roads - Approximately 6500' of new access roads will be required for these locations. A 6" x 16' compacted caliche surface will be applied. (New road is noted on map in red.)
3. Well Locations - Are indicated on map and application. All locations will be 120' x 200' x 6" compacted caliche.
4. Lateral Roads to Location - None are planned.
5. Tank Batteries & Flow Lines - No tanks are planned. Wells will be connected to gathering and repressuring system from nearest points practicable.
6. Locations and Type of Water Supply - All water necessary for drilling will be hauled to location.
7. Methods of Handling Waste Disposal - Regulation burn pits or other methods acceptable to U.S.G.S and N.M.O.C.C. will be used.
8. Location of Camps - None are planned.
9. Location of Airstrips - None are planned.
10. Location Layout - See enclosed plat.
11. Restoration of Surface - Surface will be restored to a condition acceptable to U.S.G.S.

R-37-E



POOLS

- DUBLIN
- JALMAT YATES GAS
- JALMAT YATES 7 RIVERS
- JUSTIS BLINERY
- LANGLEY MATIX 7 RVS. QUEEN
- LEONARD 7 RVS.
- LEONARD QUEEN SOUTH
- RHODES YATES
- SCARBOROUGH YATES 7 RVS.

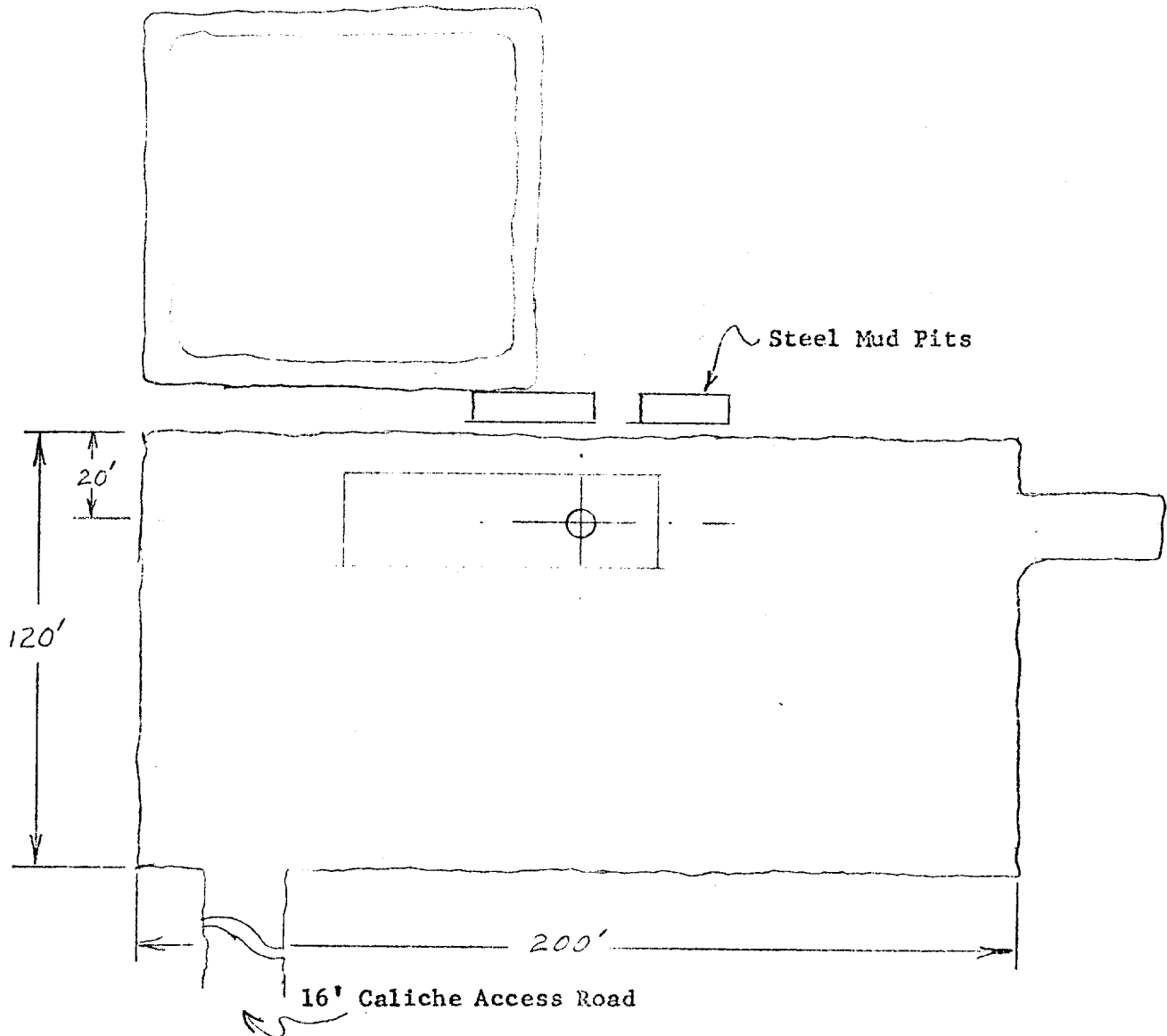
LEGEND

- OIL WELL
- ★ GAS WELL
- ◆ DRY HOLE
- ✖ PLUGGED & ABANDONED
- STATE "JD" UNIT BOUNDARY (PROPOSED)
- ▲ WATER INJECTION WELL
- ▲ PROPOSED WATER INJECTION WELL
- TO BE DRILLED
- RHODES COOP. WATERFLOOD BOUNDARY
- EXPANSION PROPOSED

R-37-E

LEA COUNTY, NE
WINKLER COUNTY,

Paso Natural Gas Company
Rhodes Gas Storage Unit
Wells Nos. 1, 2, 3, 4, 5
Location & Rig Layout



N
Scale: 1" = 40'