

30-015-24387

Form 9-331 C
(May 1963)

NM OIL CONS. COMMISSION
 Drawer
 Artesia, NM 88210
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

SUBMIT IN 1 APPLICATION*
 (Other instructions on
 reverse side)

Form approved.
 Budget Bureau No. 42-R1425.

15F

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM42810

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rutter Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Bunker Hill -
 11. SEC. T., R., M., OR BLK.
 AND SURVEY OR AREA

Section 23, T16S, R31E

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

10 Miles Northwest of Maljamar, NM

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
 PROPERTY OR LEASE LINE, FT.
 (Also to nearest drg. unit line, if any)

16. NO. OF ACRES IN LEASE

280

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.

19. PROPOSED DEPTH

4100'

20. ROTARY OR CABLE TOOLS

Rotary

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

45.36

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#	1200'	450 Sacks Circulated
7 7/8"	5 1/2"	15 1/2#	4000'	300 Sacks

Surface formation is Permian. Surface casing to be set on top of Salt and circulated. Estimated formation tops: Salt 1200', Yates 2350', Queen 3250', Penrose 3650' with possible oil and gas shows, Grayburg 3670', San Andres 4000'. Regan Type 8" 3000# BOP will be used, with rams closed and pressure tested prior to drilling known oil or gas zones. Drilling mud will be fresh water gel with viscosity of approximately 34. Logs will be Sidewall Neutron Porosity and Dual Laterolog Micro SFL. No testing will be done until after pipe has been cemented and well fractured. There have been no water flows, abnormal pressures, or H₂S encountered anywhere in this area.

RECEIVED
 DEC 28 1982

Post ID-1
 1-21-83
 New Loc +
 APZ

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 Operator

OIL & GAS
 MINERALS MGMT. SERVICE
 ROSWELL, NEW MEXICO

December 10, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

(ORIG. SGD.) DAVID R. GLASS

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

JAN 12 1983

JAMES A. GILLHAM
 DISTRICT SUPERVISOR

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

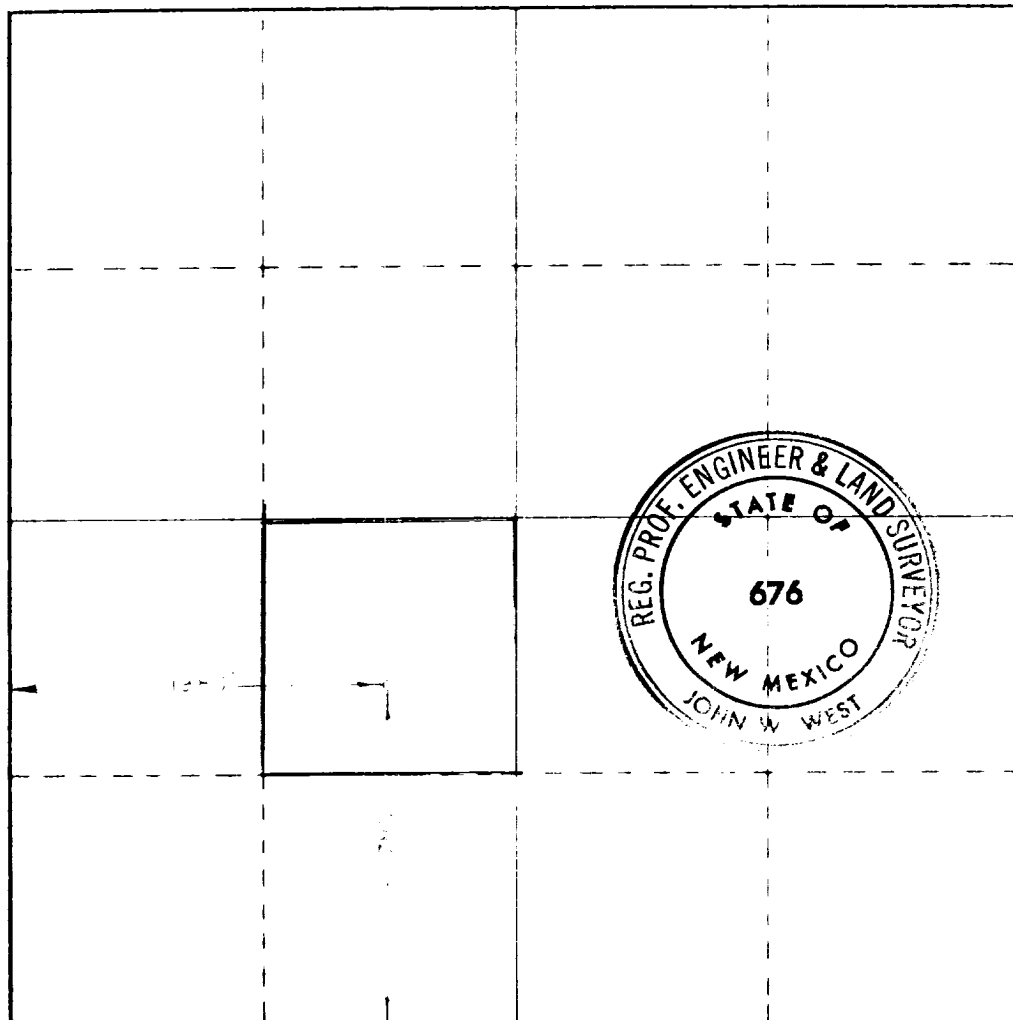
Operator Larue and Muncy			Lease Rutter Federal		Well No. 2
Section Letter K	Section 23	Township 16 S	Range 31 E	County Eddy County	
Actual Footage Location of Well:					
1780 feet from the South line and		1980 feet from the West line			
Ground Level Elev. 4213.6	Producing Formation PENROSE	Pool Under BUNKER HILL - Penrose	Dedicated Acreage 40 Acres		

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

Signature: *[Signature]*
Name: **OPERATOR**

C.E. LaRue and B.N. Muncy, Jr.

Date: **DECEMBER 10, 1982**

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:

12/07/82

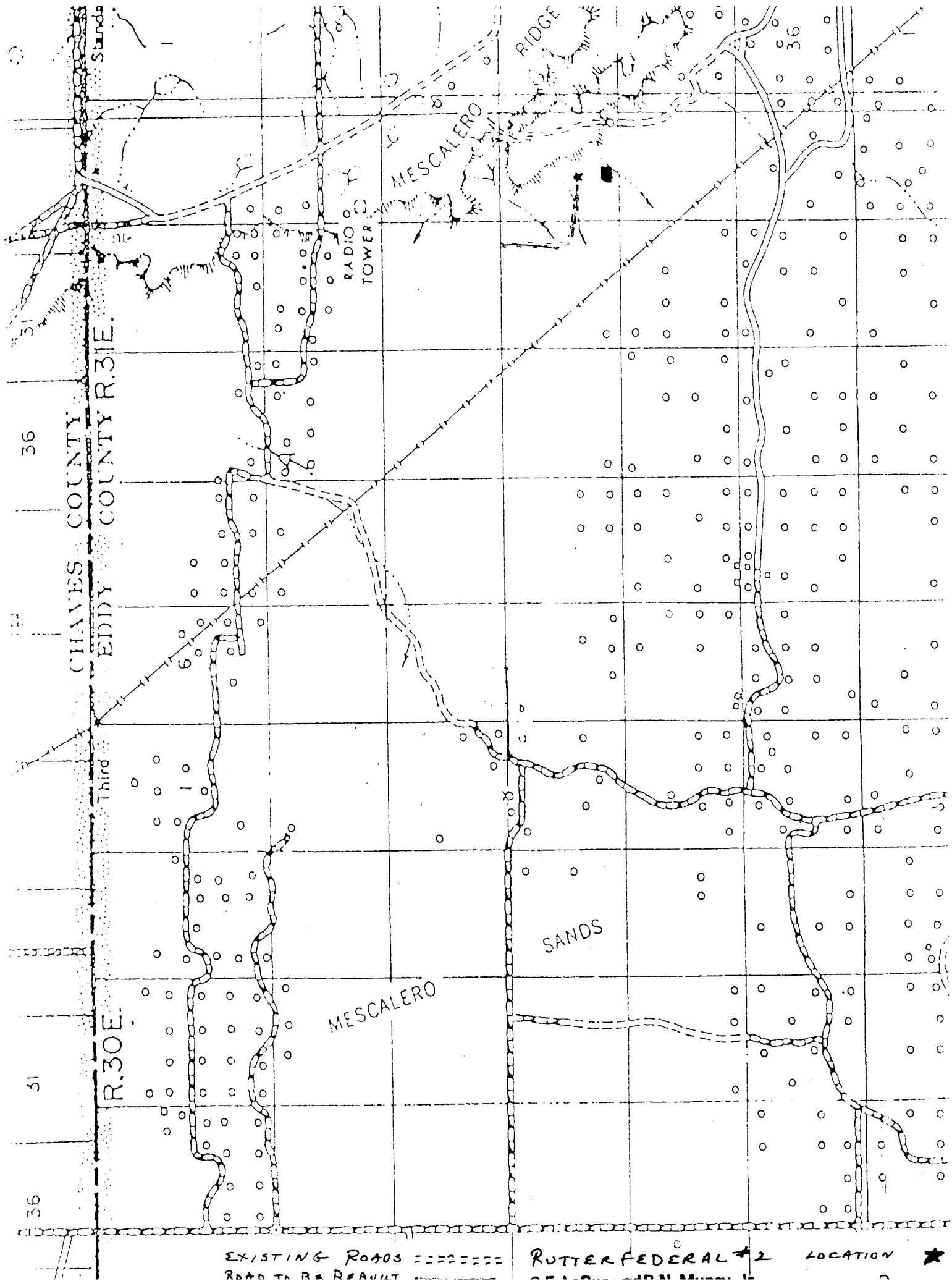
Registered Professional Engineer and Land Surveyor

[Signature]

Certificate No.

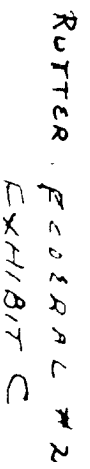
John W. West No. 626

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



A 6x6 grid with numbers 1 through 36. The numbers are arranged in a standard 6x6 grid pattern, with 1 in the top-right corner and 36 in the bottom-right corner. A cluster of dots and a star is located in the bottom-right quadrant of the grid. The cluster consists of 14 dots and one star, arranged in a roughly rectangular shape. The star is located at the bottom-left of the cluster, and the dots are arranged around it. The cluster is located in the bottom-right quadrant of the grid, specifically in the area where the numbers 13 through 24 are located.

EXHIBIT D
ROTTER FEDERAL #2
C.E. LaRue and B.N. Muncy, Jr.

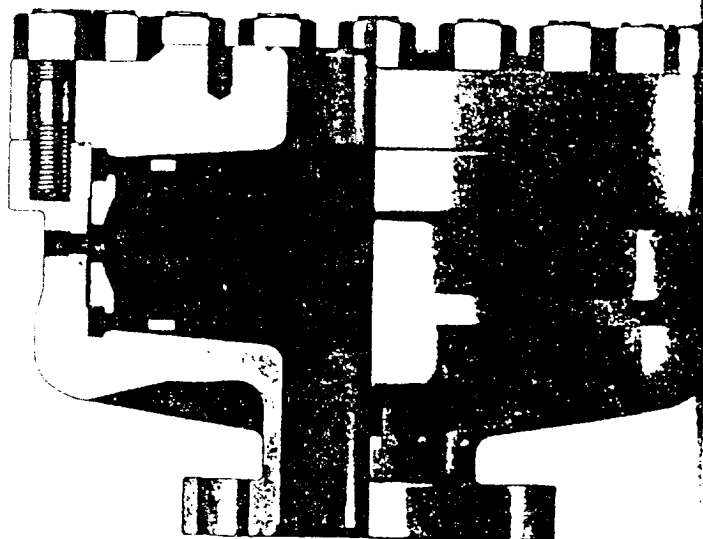


REGAN BLOWOUT PREVENTERS

The Regan Torus Blowout Preventer is used primarily on production and workover rigs for well control up to 3000 PSI working pressure.

DESIGN FEATURES

- The Torus Preventer is designed for minimum height to facilitate its use with production and workover rigs.
- The rubber packer will conform to any object in the well bore. Sealing ability is not affected by minor damage to the inner bore.
- The packer will seal on open hole at full working pressure.
- The dual packer design increases the reliability of the preventer since the outer rubber packer is never exposed to the well bore. Under ordinary service, the outer packer is rarely replaced.



TORUS BLOWOUT PREVENTER
PATENTED

SPECIFICATIONS

Nominal Size	Test Pressure (psi)	DIMENSIONS (in.)			Weight (lb.)	End Flanges (I)	R/RX Ring Grooves	Side Outlet
		Outside Diameter	Thru Bore	Overall Height				
6	1500	27	21 1/4	29 1/2	1800	Nom. 6	45	2 1/2"
8	1500	37 1/2	27 1/4	37 1/2	2500	Nom. 8	45	2 1/2"
10	1500	47 1/2	37 1/4	47 1/2	3500	Nom. 10	45	2 1/2"

Bottom flange hole for use with either 1500 psi API 5B flange or used with standard flanges for 1500 psi standard flange units. (See Regan Torus Blowout Preventer Manual)