

NM OIL-CONS. COMMISSION
Drawn by D
Artesia UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THIS MANNER
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.
4374

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 Exploration Company

3. ADDRESS OF OPERATOR

1800 Wilco Bldg., Midland, Texas 79701

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

At surface

660' FSL & 660' FEL

At proposed prod. zone 4900' - 5000'

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

17 Miles SE Malaga

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

660

16. NO. OF ACRES IN LEASE

160

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

None

19. PROPOSED DEPTH

6000

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

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
17 1/2"	13 3/8"	48	600	Circ. to Surface
12 1/4"	9 5/8"	36	2900	1000 sx to tie back to surface
7 7/8"	4 1/2"	11.6#	6000	770 sx Cmt. to 2900'

Blowout preventer will consist of 3000 psi W.P. test double gate preventer equipped with blind and pipe rams with rotating head to be installed after the 9 5/8" casing has been installed.

RECEIVED BY

MAR 28 1984

O. C. D.
ARTESIA, OFFICEPost. OK
28-12762
3-29-84

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

Larry L. Mitchell

TITLE Area Drilling Engineer

DATE 2-29-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

'Orig. Sgd.' Earl R. Cunningham

TITLE

District Manager

DATE

MAR 27 1984

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

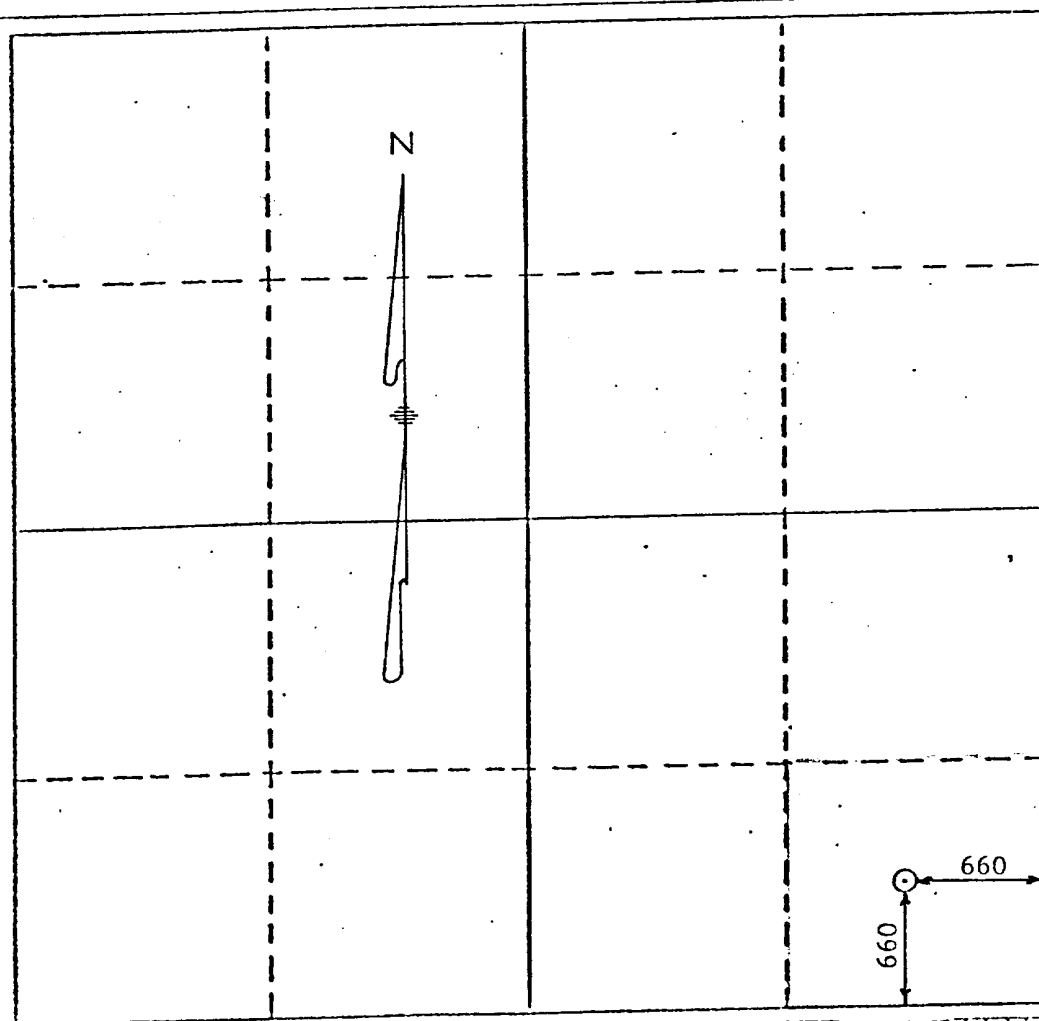
Operator El Paso Exploration Company			Lease Pecos Federal		Well No. #1
Unit Letter P	Section 27	Township 26S	Range 29E	County Eddy	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 2882	Producing Formation Brushy Cherry Canyon		Pool Brushy Draw	Dedicated Acreage: 40 Acres	

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. (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 Division.



CERTIFICATION

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

Marlan G. Deaton

Name

Chief Division Field Engr.

Position

El Paso Natural Gas Co.

Company

February 27, 1983

Date

I hereby certify that the well location shown on this plot 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

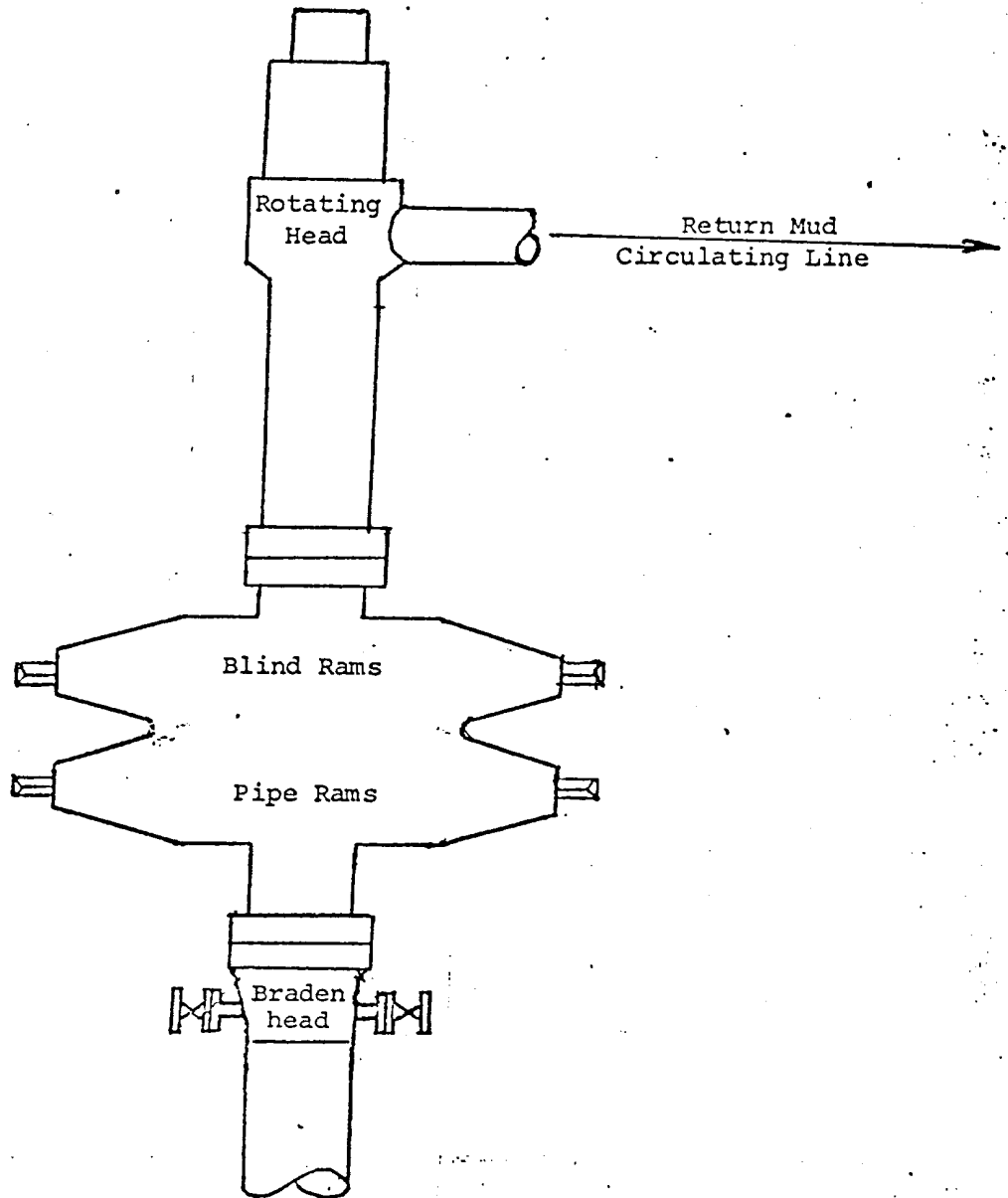
February 27, 1984

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

5039

BOP EXHIBIT



WELLHEAD BOP STACK

Test to 3000 psi Working Pressure

OPERATION PLAN

Pecos Federal #1

I. Location

660' FSL and 660' FEL, Sec. 27, T26S, R29E.

Field Brushy Draw

Elevation 2882' GL

II. Geology

A. Formation Tops:

Lamar Lime 2880'
Bell Canyon 2910'
Cherry Canyon 3780'
Brushy Canyon 5160'

B. Logging Program:

Compensated Density-Neutron Dual
Laterlog

C. Coring Program:

None

III. Drilling

Mud Program:

Mud from surface to total depth, 6000 ft.

IV. Material

A. Casing Program:

<u>Hole Size</u>	<u>Depth</u>	<u>Csg. Size</u>	<u>Wt. & Gr.</u>
17 1/2	600	13 3/8	48# H-40
12 1/4	2900	9 5/8	36# K-55
7 7/8	6000	4 1/2	11.6# K-55

B. Floating Equipment:

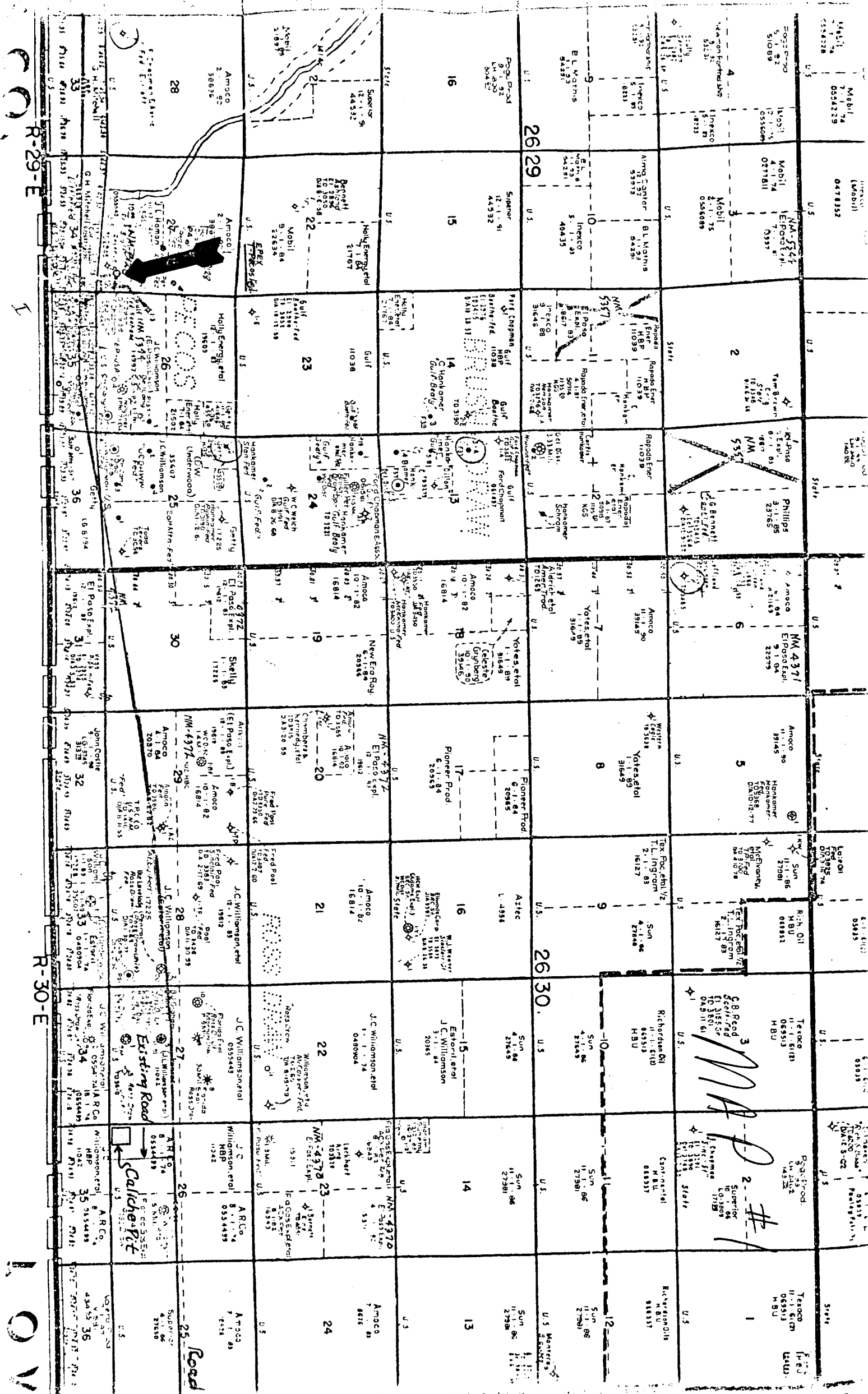
13 3/8" Surface Casing	Insert-Texas Pattern Shoe	2 Centralizers
9 5/8" Intermediate	Float Collar-Guide Shoe	4 Centralizers
4 1/2" Production	Float Collar-Guide Shoe	10 Centralizers

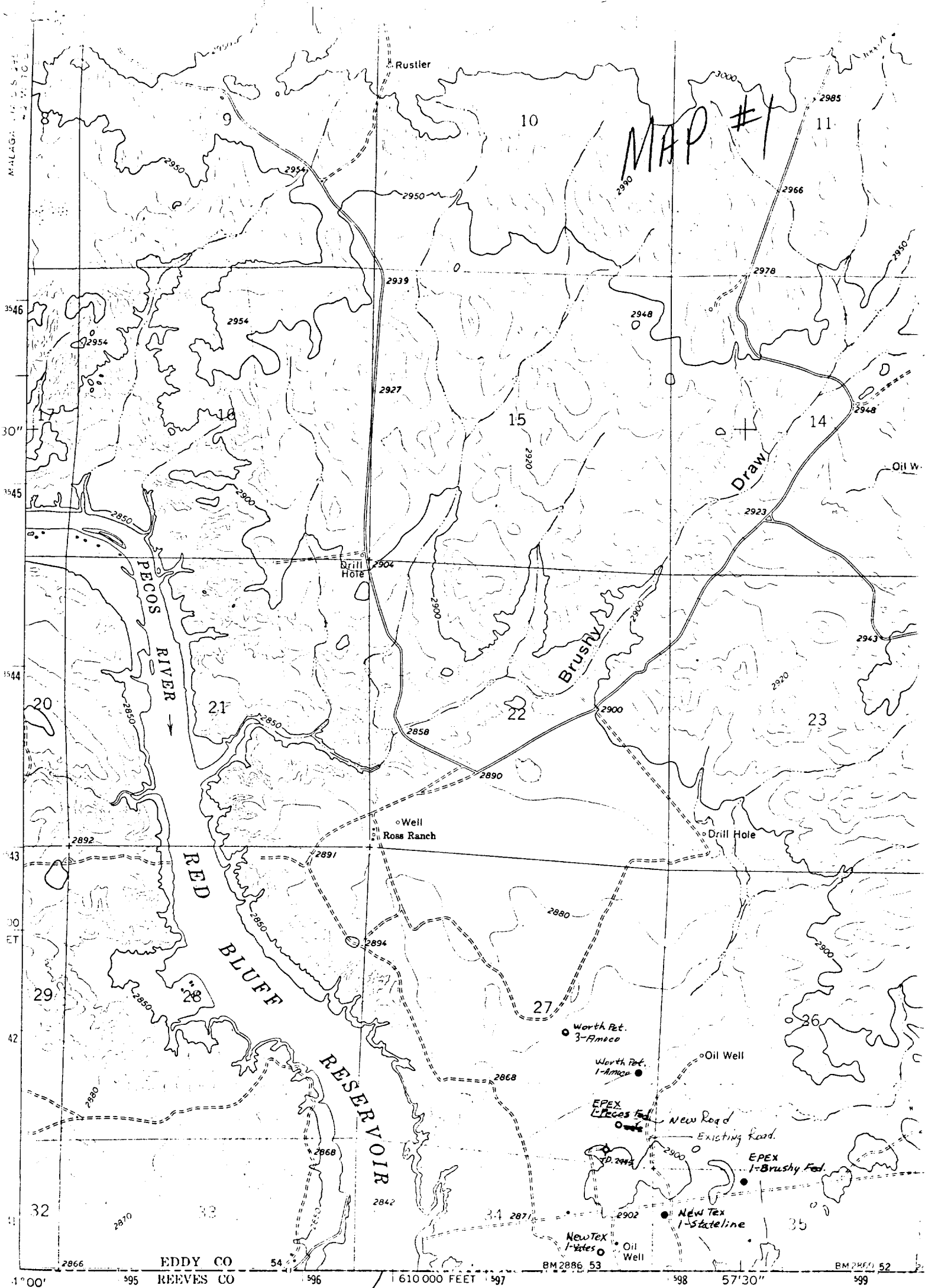
C. Tubing:

5300' of 2 3/8" 4.7# J-55

D. Well Head Equipment:

Casinghead 13 3/8" x 9 5/8" 2000 psi W.P.
Casinghead 9 5/8" x 4 1/2" 2000 psi W.P.
Tubinghead 4 1/2" x 2 3/8" 2000 psi W.P.





Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system,
east zone

1000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

Red dashed lines indicate selected fence lines

