

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Texas Oil & Gas Corp.

3. ADDRESS OF OPERATOR

P. O. Box 591, Midland, Texas 79701

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

At surface

660' FSL, 1980' FWL

At proposed prod. zone

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

10 miles NE of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660

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

2640

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

12,000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3297.8

22. APPROX. DATE WORK WILL START*

3-1-75

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	48	550	500 SX
12 1/2"	8 5/8"	32	3200	2000
7 7/8"	4 1/2"	11.6 & 13.5	12,000	500

1. Drill to 550' and set 13 3/8" casing
2. Drill 12 1/4" hole to 3200' and set 8 5/8" casing using BOP
3. Drill out with 7 7/8" bit and drill to TD using BOP and hydril. Mud up at 8800' with 10# weight. Well control equipment to be in compliance with U. S. Dept. of Interior regulations

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FEB - 6 1975

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

J. R. Colter

TITLE

Staff Engineer

DATE

2-5-75

(This space for Federal or State office use)

APPROVED

SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

TITLE

DECLARED WATER BASIN

C-MENT BEHIND THE
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAY 18 1975

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.

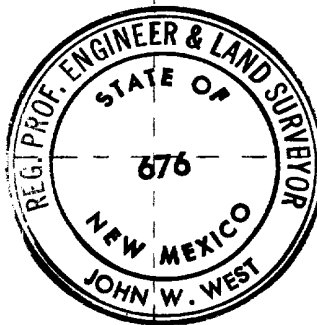
Operator Texas Oil & Gas Corporation			Lease Williamson Federal		Well No. 5
Map Letter N	Section 10	Township 20 South	Range 29 East	County Eddy	
Actual Well Location of Well: 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 3297.8	Producing Formation Morrow	Pool <i>And Morrow</i> Burton Flat		Dedicated Acreage: 320 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.) _____

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.

J. R. Colter

Name
J. R. Colter

Position
Staff Engineer

Company
Texas Oil & Gas Corp.

Date
February 5, 1975

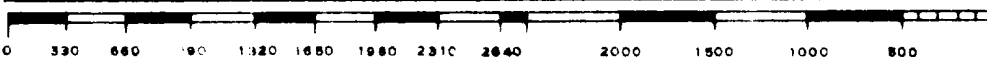
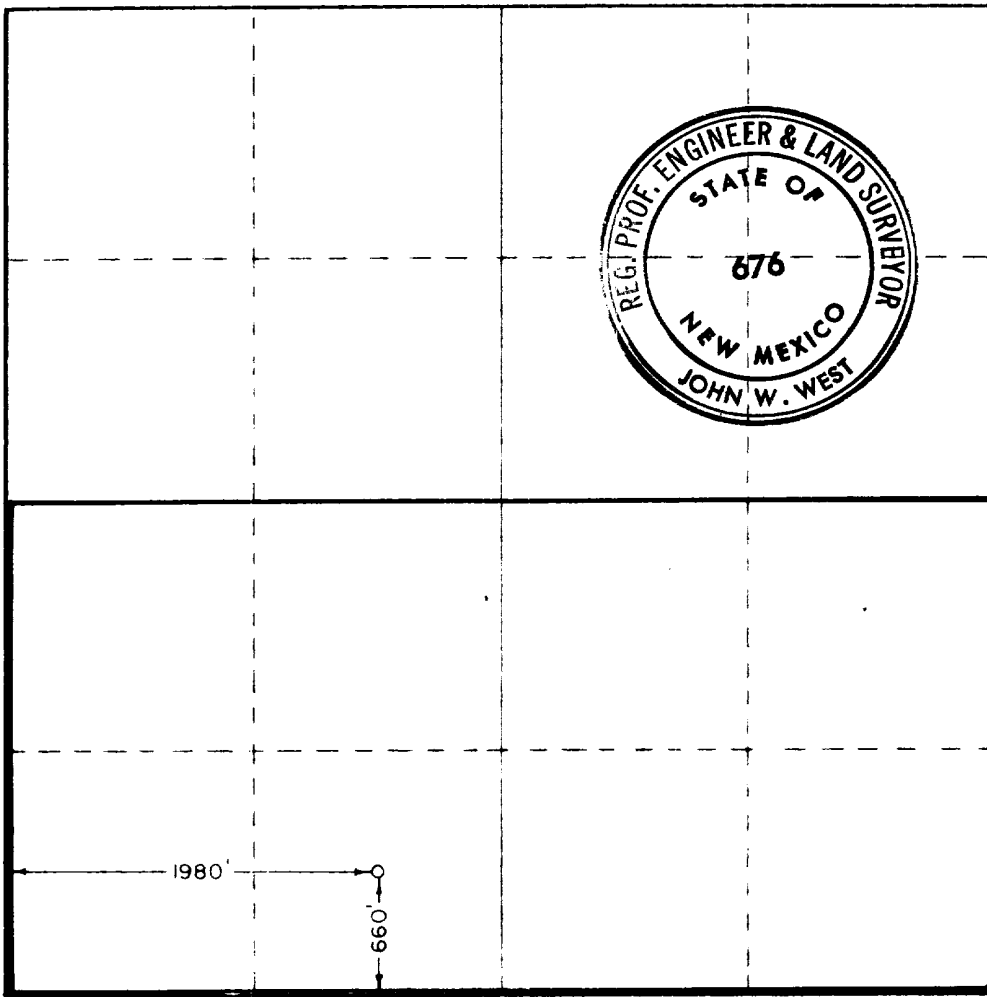
RECEIVED
I certify that the well location shown on this plat was plotted from field notes of regular surveys made by me or under my supervision, and that the same is true to the best of my knowledge and belief.
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed
January 28, 1975

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **676**

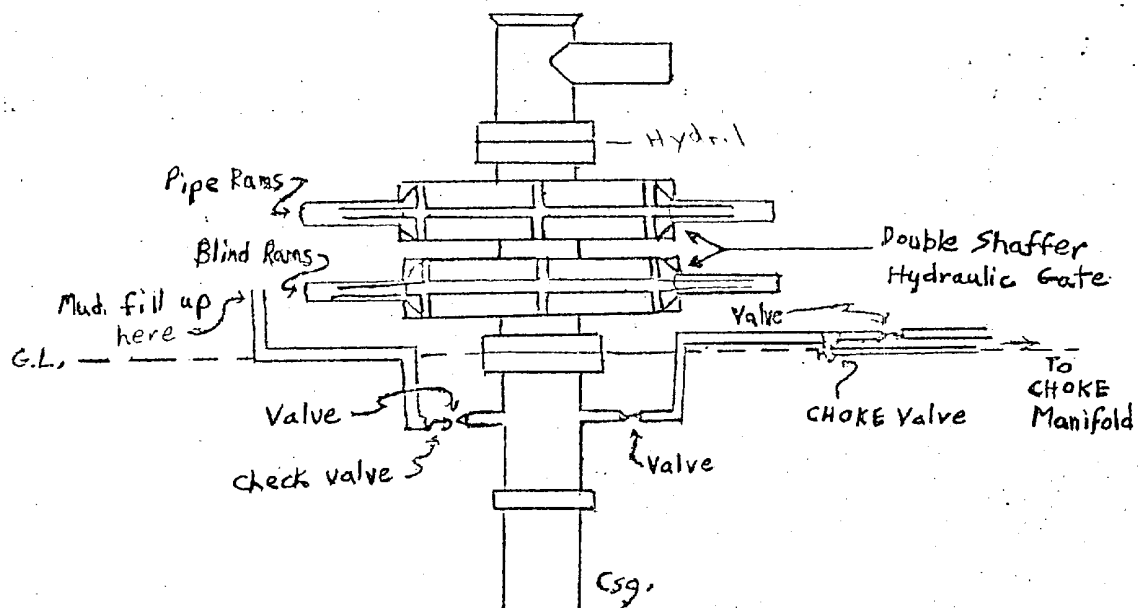
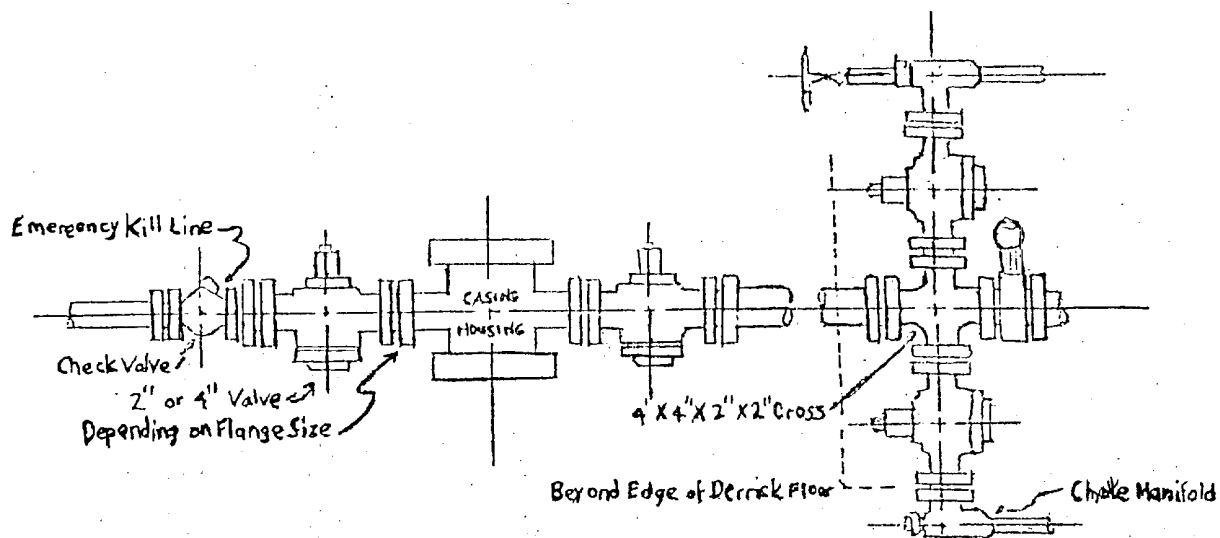


TENTATIVE DRILLING MUD PROGRAM
WILLIAMSON FEDERAL #5
SEC. 10-20S-29E
EDDY COUNTY, NEW MEXICO

1. 0'-700', drill with fresh water
2. Drill out with 10# brine to 3200', using flosal and starch after reaching 3200'
3. Drill out of 8 5/8" casing using fresh water to 8800'. Mud up to 10# wt., 32 vis, 10 WL, using brine water and polymer mud

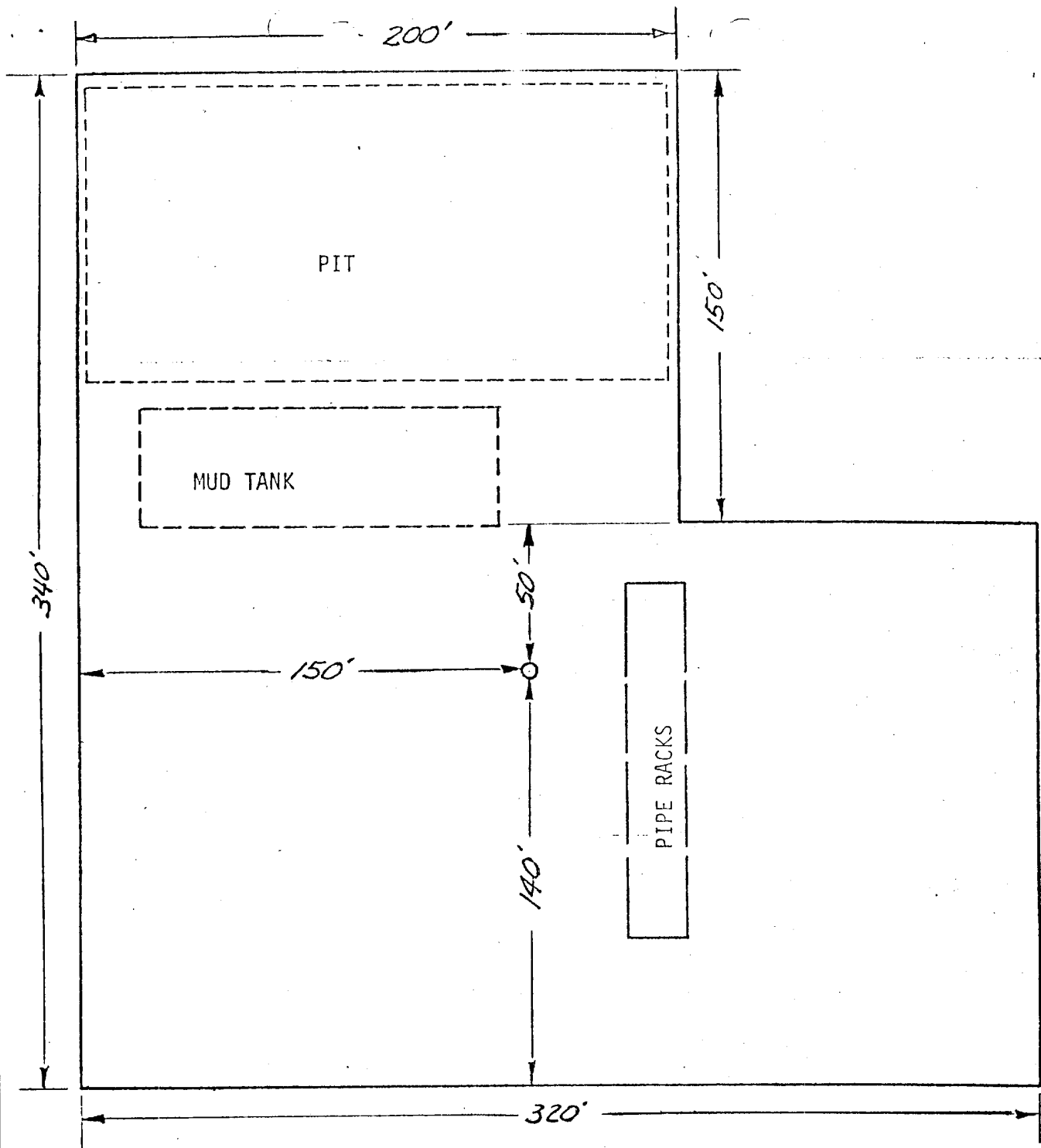
SURFACE USE CHECK LIST
WILLIAMSON FEDERAL #5
SEC. 10-20S-29E
EDDY COUNTY, NEW MEXICO

1. Existing roads are indicated in green on the attached map.
2. Our planned access will require approximately 2640' of new road as indicated in red on the attached map.
3. All existing wells and our planned location are indicated on the attached map.
4. No laterals are planned.
5. The TB or surface equipment to serve this well will be located on the drilling pad. A planned 3" gas pipeline to tie in to existing gathering lines is indicated in blue on the attached map.
6. Drilling water will be purchased from existing commercial supplies and will be trucked in to the location.
7. Waste disposal will be handled by appropriate approved means at such time as it becomes necessary. No need for waste disposal is currently anticipated.
8. No camps are planned.
9. No airstrips will be constructed. If necessary, the Carlsbad Municipal Airport, approximately 20 miles south of this location, will be used.
10. Location layout is attached.
11. All pits used for drilling will be levelled after drying out.



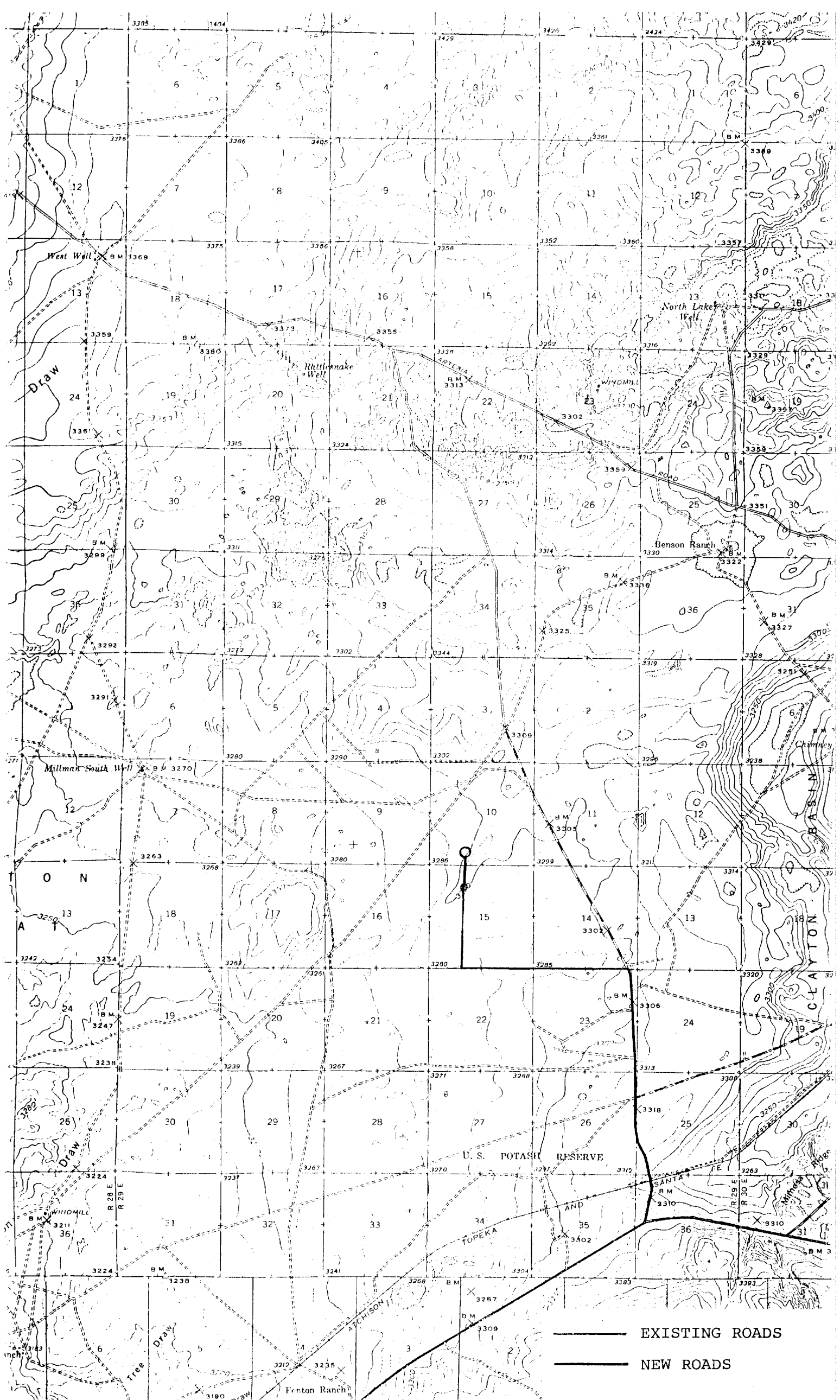
BLOWOUT PREVENTOR - 10" - 900 SERIES
 TEXAS OIL & GAS CORP.
 WILLIAMSON FEDERAL #5
 660' FSL, 1980' FWL, SEC. 10-20S-29E
 EDDY COUNTY, NEW MEXICO

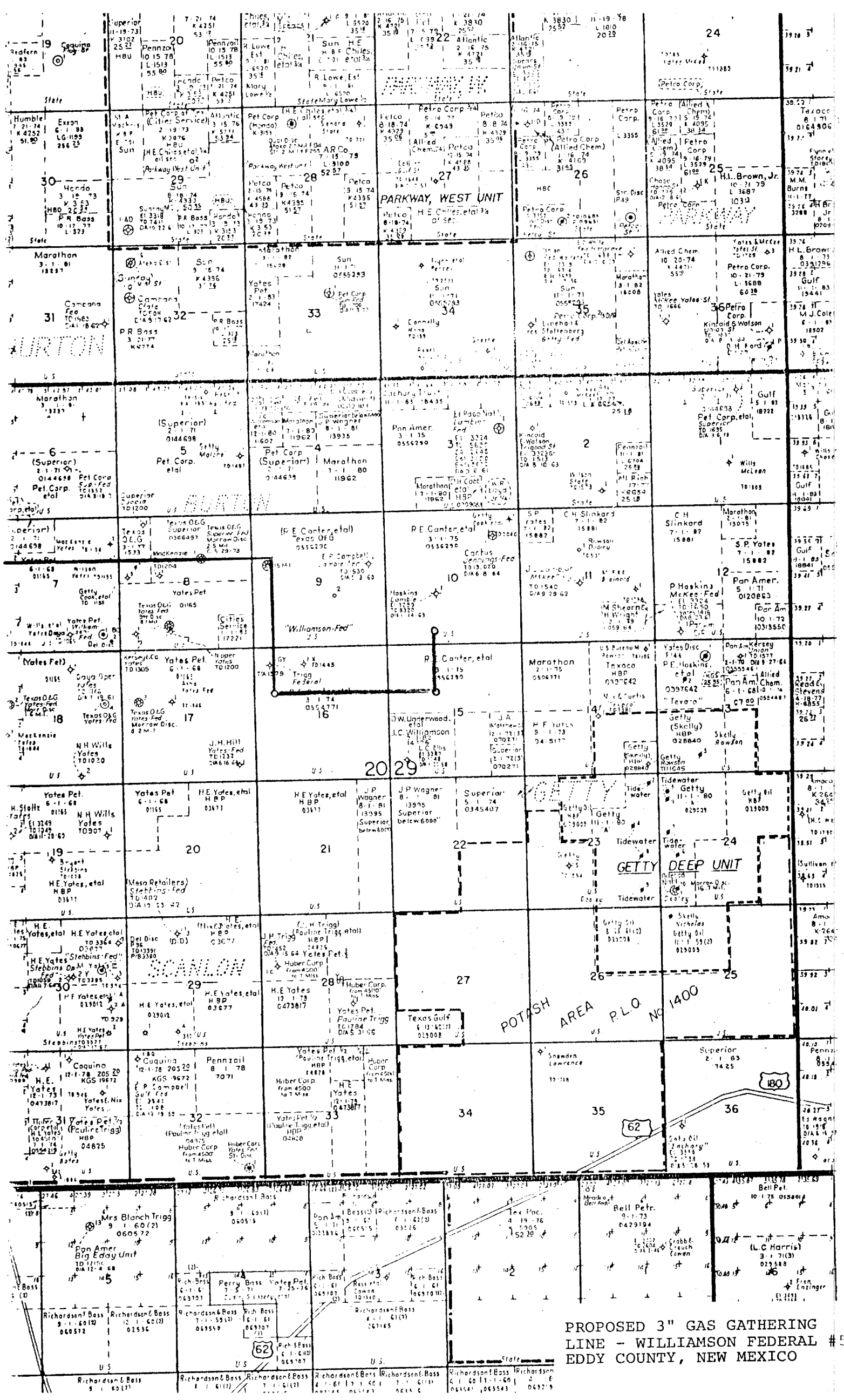
Heads & preventor equipment will all be 3000# WP



RIG VEE DOOR TO EAST

TEXAS OIL & GAS CORP.
LOCATION LAYOUT
WILLIAMSON FEDERAL #5 BURTON FLAT (MORROW) EDDY COUNTY, NEW MEXICO
scale 1" = 50' MIDLAND, TEXAS





PROPOSED 3" GAS GATHERING
LINE - WILLIAMSON FEDERAL #5
EDDY COUNTY, NEW MEXICO