

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 ☐			7. UNIT AGREEMENT NAME		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐			8. FARM OR LEASE NAME		
2. NAME OF OPERATOR Texas Oil & Gas Corp. ✓			Williamson Federal		
3. ADDRESS OF OPERATOR P. O. Dr. 591, Midland, Texas 79701			9. WELL NO. 3		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL, 1980' FEL At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Burton Flat (Morrow)		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles NE of Carlsbad, New Mexico			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9-20S-29E		
10. 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 640		17. NO. OF ACRES ASSIGNED TO THIS WELL 320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2640'		19. PROPOSED DEPTH 11,850		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) NA			22. APPROX. DATE WORK WILL START* October 20, 1974		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13 3/8"	48	550	500
12 1/4"	8 5/8"	32	3200	2000
7 7/8"	4 1/2"	11.6 & 13.5	11,850	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

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 9-12-74
(This space for Federal or State office use)

(This space for Federal or State office use)

PERMIT NO. **APPROVED**

SUBJECT TO ATTACHED DEEP WELL CONTROL REQUIREMENTS DATED **JUN 28 1973**

APPROVED BY
H. L. BEEKMAN
ACTING DISTRICT ENGINEER

TITLE _____ DATE _____

THIS APPROVAL IS RECOMMENDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES **DEC 24 1974**

*See Instructions On Reverse Side

DECLARED WATER BASIN CEMENT BEHIND THE CASING MUST BE CIRCULATED

WITNESS CEMENTING THE CASING

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

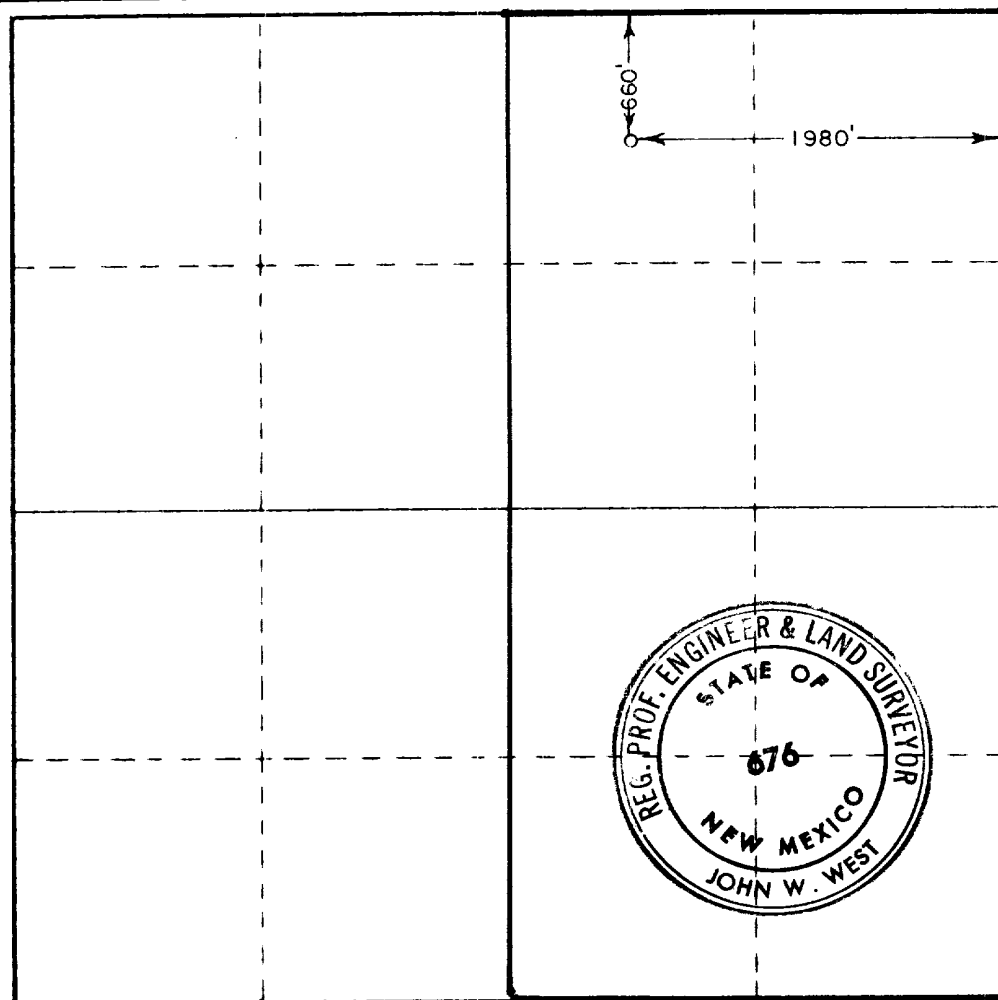
Operator Texas Oil & Gas Corp.			Lease Williamson Federal		Well No. 3
Unit Letter B	Section 9	Township 20 South	Range 29 East	County Eddy	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the East line					
Ground Level Elev. 320	Producing Formation Morrow		Pool Burton Flat		Dedicated Acreage 320

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.

J. R. Colter

Name
J. R. Colter

Position
Staff Engineer

Company
Texas Oil & Gas Corp.

Date
September 12, 1974

I hereby certify that the well location shown on this plat was located 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.

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SEP 16 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Date Surveyed
September 11, 1974

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **676**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

SURFACE USE CHECK LIST
WILLIAMSON FEDERAL #3
SEC. 9-20S-29E
EDDY COUNTY, NEW MEXICO

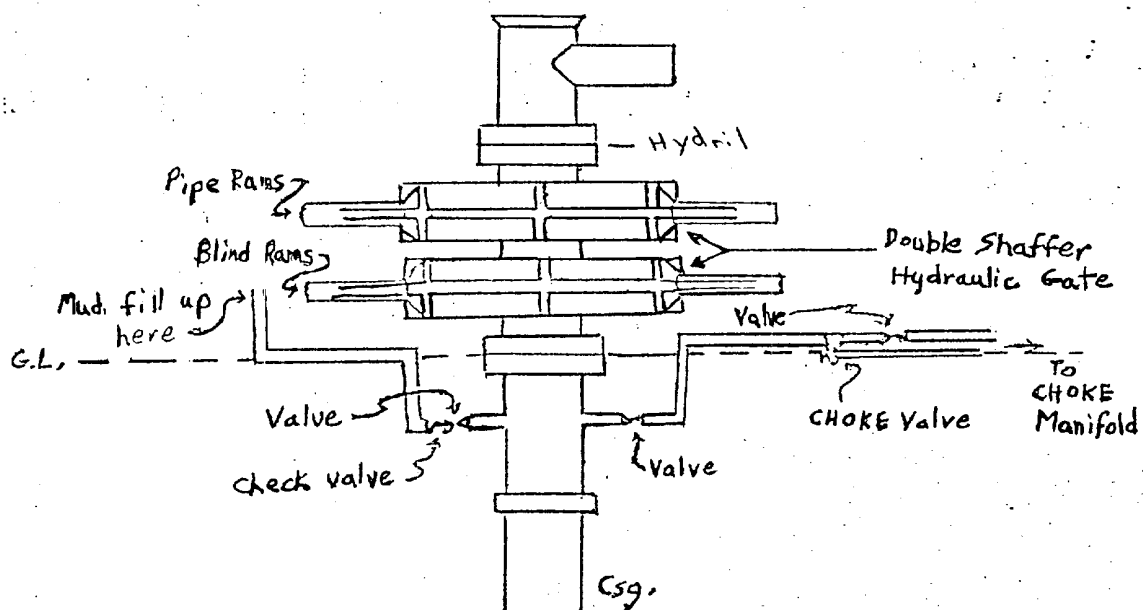
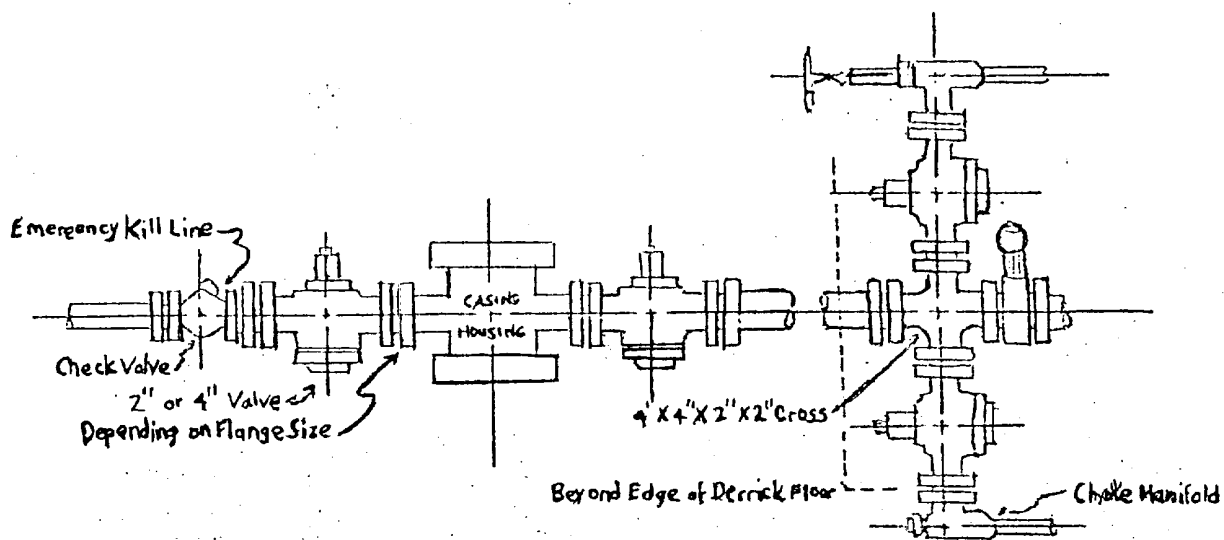
1. Existing roads are indicated in green on the attached map.
2. Our planned access will require approximately 1320' of new road as indicated in red on the attached map.
3. All existing wells and our planned location are indicated on the attached map.
4. No laterals are planned.
5. The TB or surface 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.

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

TENTATIVE DRILLING MUD PROGRAM
WILLIAMSON FEDERAL #3
SEC. 9-20S-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.

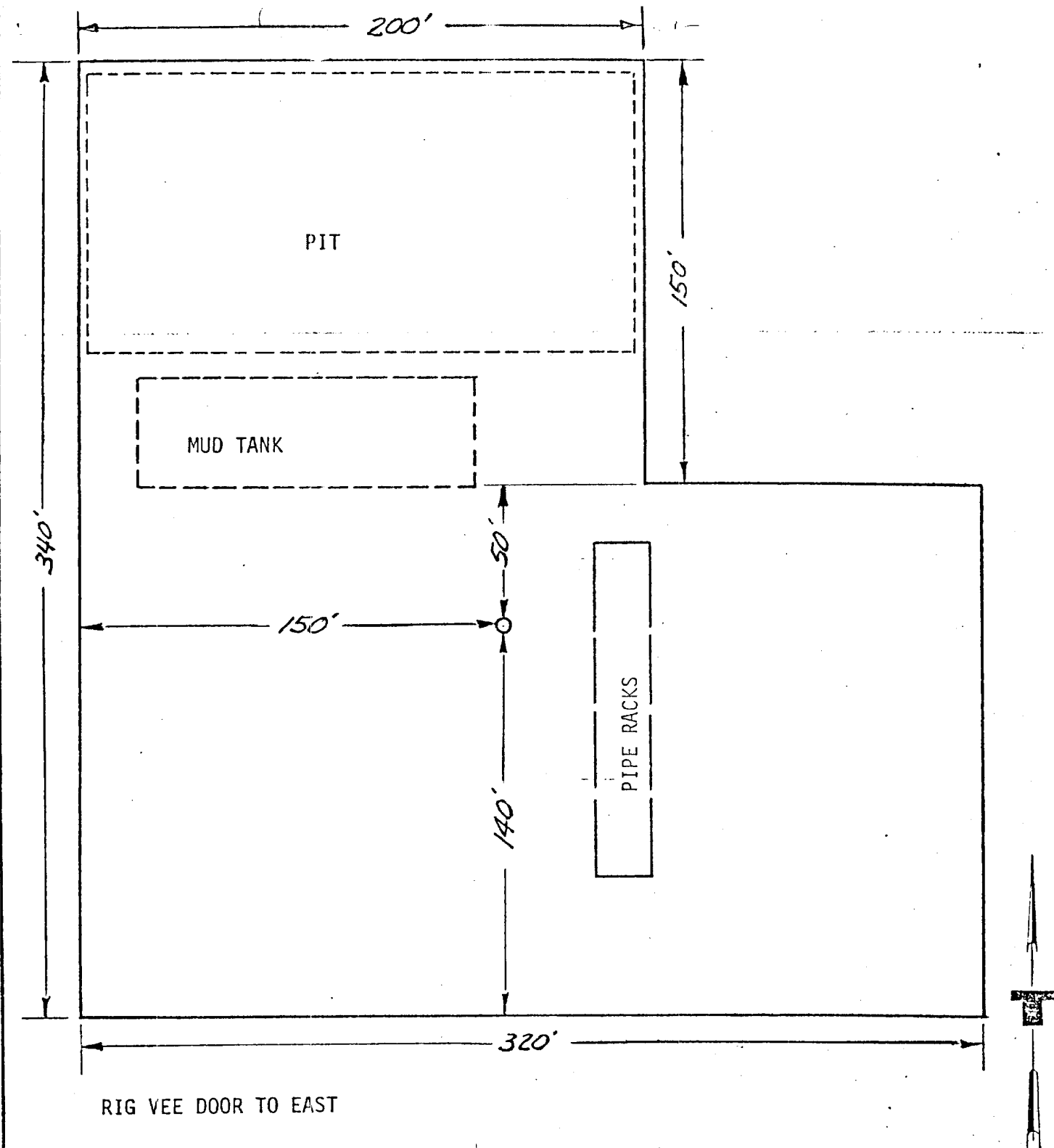
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ARTESIA, NEW MEXICO



BLOWOUT PREVENTOR - 10" - 900 SERIES
 TEXAS OIL & GAS CORP.
 WILLIAMSON FEDERAL #3
 660' FNL, 1980' FEL, SEC. 9-20S-29E
 EDDY COUNTY, NEW MEXICO

Heads & preventor equipment will all be 3000# WP

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 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO



RIG VEE DOOR TO EAST

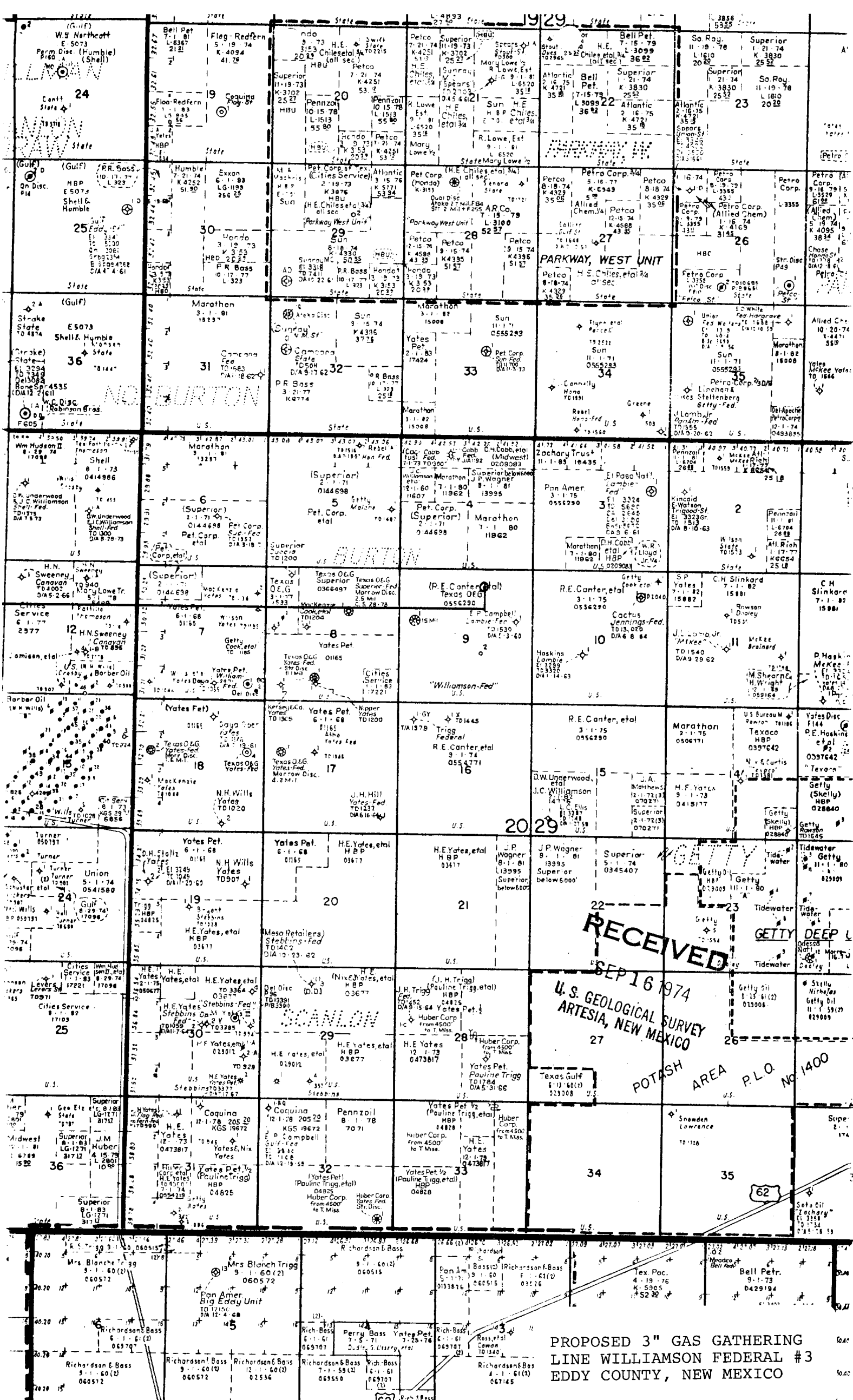
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SEP 18 1974
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

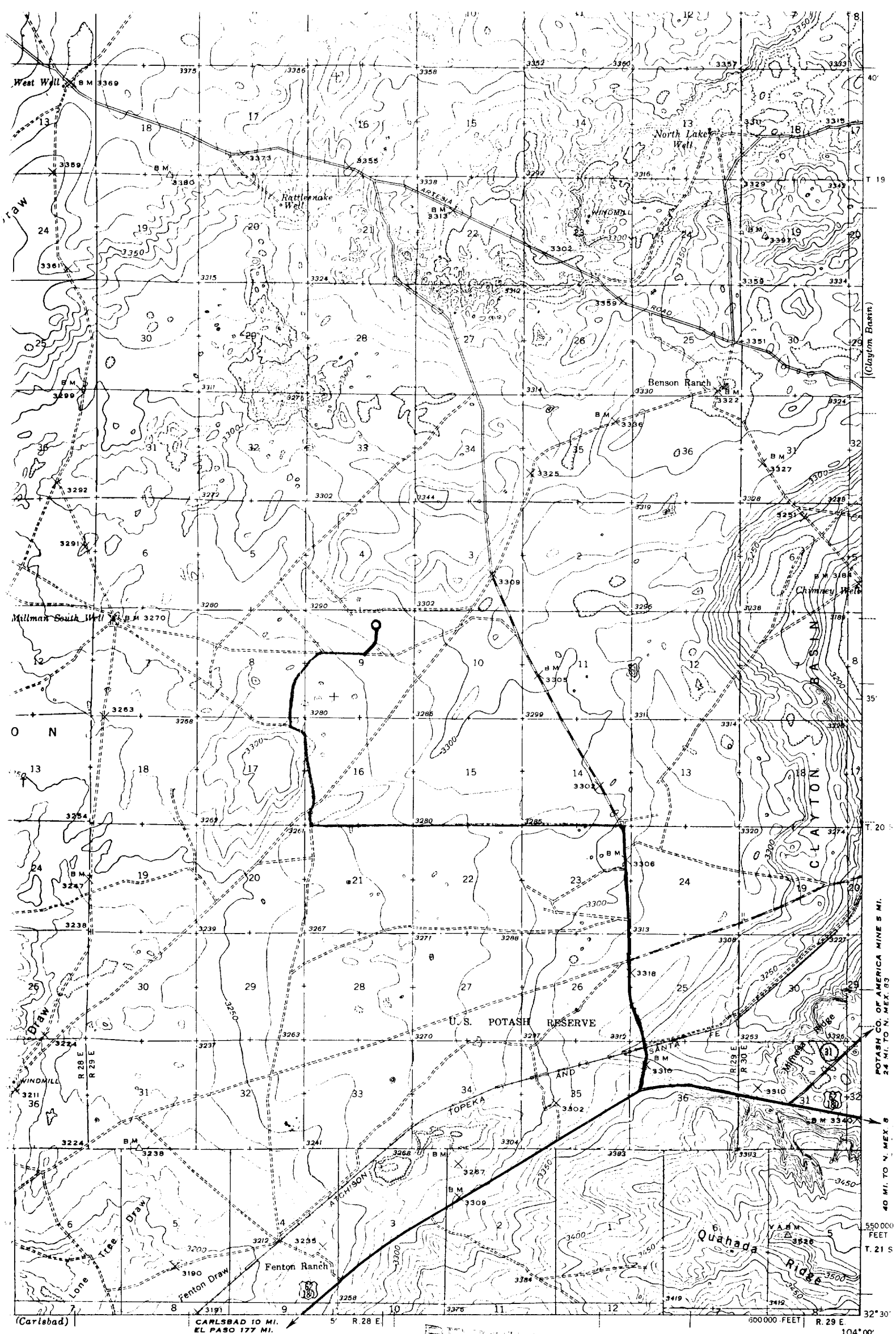
TEXAS OIL & GAS CORP.

LOCATION LAYOUT

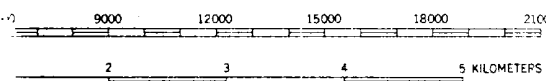
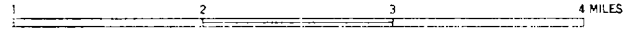
WILLIAMSON FEDERAL #3
EDDY COUNTY, NEW MEXICO

scale 1" = 50'
MIDLAND, TEXAS





SCALE 1:62500



Contour interval 10 feet
Datum to mean sea level

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SEP 10 1971
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Polyconic projection. 1927 North American datum
5000 yard grid based on U. S. zone system, E

EXISTING ROADS
NEW ROAD

POTASH CO. OF AMERICA MINE 5 MI.
2.4 MI. TO N. MEX. B.G.

40 MI. TO N. MEX. B.
550,000 FEET
T. 21 S.
32° 30'

