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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work  
b. Type of Well  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Form or Lease Name

State LF 29

9. Well No.

3

10. Field and Pool, or Wildcat

Kennitz Wildcat

c. Name of Operator

Tenneco Oil Co.

d. Address of Operator

7990 IH 10 West, San Antonio, TX 78230

e. Location of Well

UNIT LETTER A LOCATED 330 FEET FROM THE north LINE

ND 330 FEET FROM THE east LINE OF SEC. 29 TWP. 16S RGE. 34E NMDP

12. County

Lea

1. Elevations (Show whether DF, FI, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4120 GR	Blanket	Unknown	8-15-85

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	1500'	800 sxs Class C	Surface
7 7/8"	5 1/2"	15.5#	6100'	1155 sxs Class C	Surface

DRILLING PROCEDURE

- MIRU. Drill 12 1/4" hole to 1500'+/- . RU mudloggers at 1000'. Two-man unit. Mud: Fresh water, native. BHA: Slick
- CCM to run casing. SLM out of hole. Set 8 5/8" casing in full compression at 1500'+/- . Set casing into top of rustler anhydrite. Notify NMOC prior to running csg. Run casing, cement and centralize as per attached casing and cementing program.
- WOC 8 hours. Cut off 8 5/8" casing. Install 8 5/8" x 10 3/4" 2M Larkin Fig. 92 wellhead.
- NU following BOPE: 11" 3M SRRA  
Test to 1000 psi when testing casing. Insure WOC 12 hrs. prior to drilling out shoe.  
(continued on back of page)

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed J. B. Prewy Title Staff Geol Engr Date 6-26-85

(This space for State Use)  
ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR

PROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUL - 3 1985

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

5. PU 7 7/8" bit and following BHA: Slick. RIH to top of float collar (or top of shoe joint). Test BOPE, wellhead and casing to 1000 # psi for 30 minutes. Test is satisfactory if pressure does not decrease more than 10% of test pressure by end of test. NOTE: Insure that cement has attained strengths outlined in attached casing and cementing program before testing/drilling out. Record tests on IADC Report and include details in daily drilling report to TOC SWD.
6. Drill 7 7/8" hole to 6100'+/-. Mud: Run brine water (9.6-10 ppg) below surface, mud up with starch-Driscopac 5500' or prior to core interval and DST in Queen (3700') and San Andres (5450'). Check w/office to confirm mud up is required and at what depth.
7. Sweep hole, run WLS and CCM prior to TOOH for logs.
8. Log hole per attached logging program and SWD Geologist.
9. RIH w/DP and bit to TD. CCM to run 5 1/2" casing, or to P&A. If well is to be P&A'd, RIH open - ended and set cement plugs in accordance with regulatory agency instructions. Also, if P&A'd, set EZSV-type cement retainer approximately 10' above last casing shoe and place 50 sacks of cement below and above retainer.
10. If not P&A'd, set 5 1/2" production casing @ 6100'. Run casing, cement and centralize as per attached casing and cementing program. Fill casing every 50 joints while running in hole. Set full casing weight on slips.
11. C.O. casing. ND BOPE and install 5 1/2" x 2 7/8" 3M . Larkin Uni-Stack. Release rig.

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JUL 28 1985  
H. J. H. H.

NE CO 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

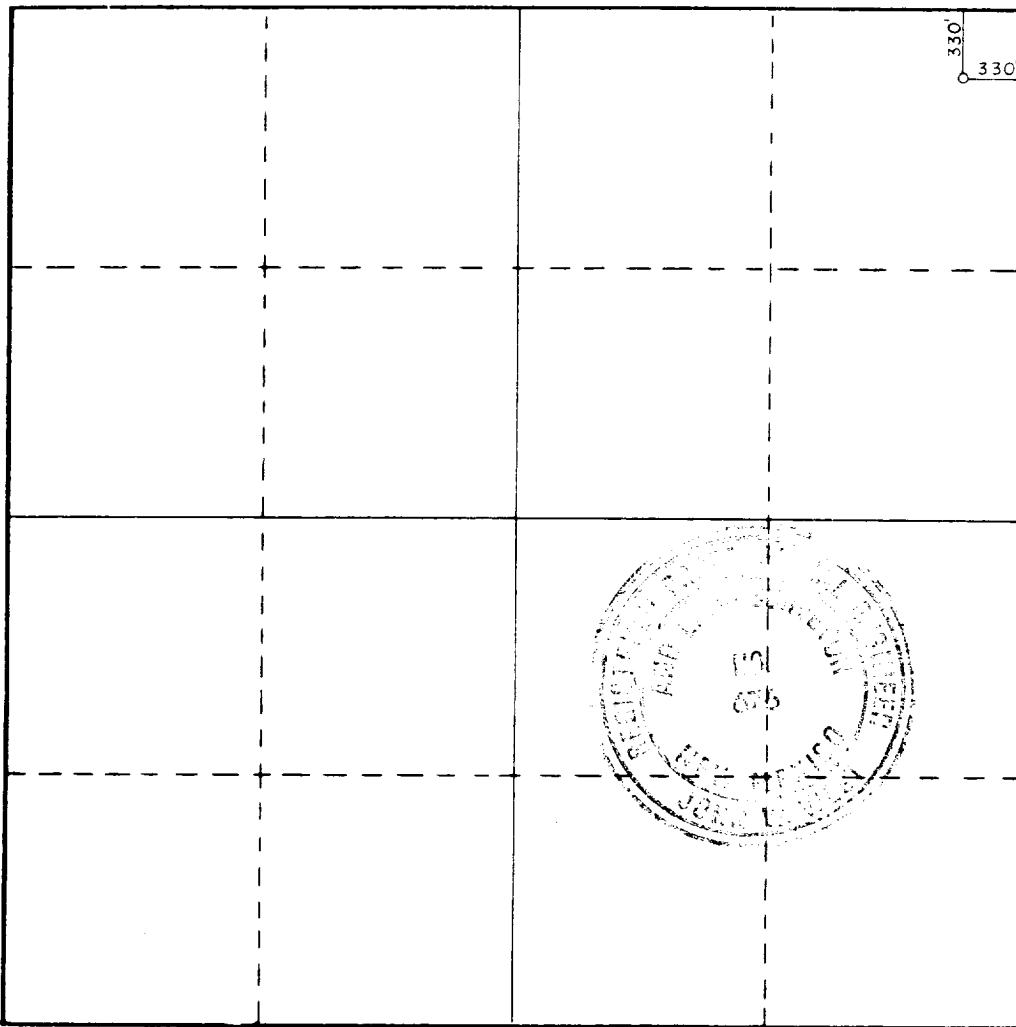
Operator TENNECO OIL CO.			Lease STATE LF 29		Well No. 3
Unit Letter A	Section 29	Township 16S	Range 34E	County LEA	
Actual Footage Location of Well: 330 feet from the NORTH line and 330 feet from the EAST line					
Ground Level Elev. 4111.5	Producing Formation Queen, San Andres		Pool <del>Kennitz</del> Wildcat	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 Commission.



CERTIFICATION

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

Name  
Staff Geol Engr  
Tenneco Oil Company

Company  
6/26/85

Date

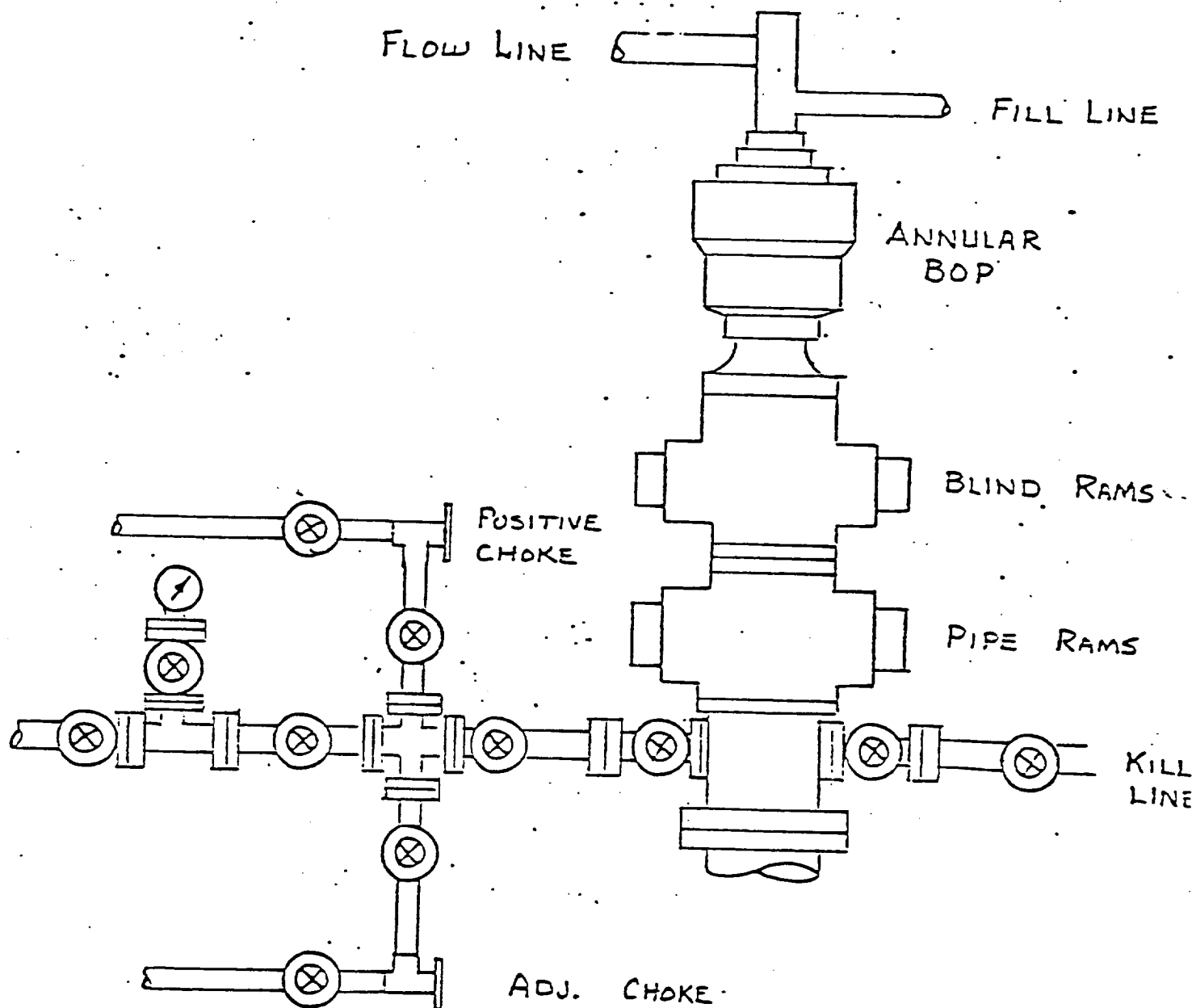
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
5/11/85

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

91746



This is to be 3000 psi wp, which is adequate, that will be used on the 11" and 7 7/8" hole. This is the minimum possible BOP stack that will be used. Tenneco may choose to use more equipment and higher pressure.

Tenneco Oil Company

State LF 29 #3

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