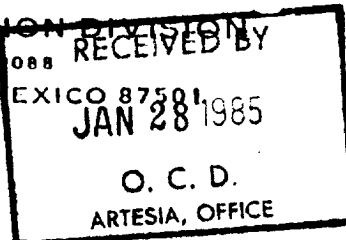


OIL CONSERVATION DIVISION
P. O. BOX 088
SANTA FE, NEW MEXICO 87501



Form C-101
Revision 10-1-78
30-415-25128

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	✓
FILE	✓
U.S.G.S.	2
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

1. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐

3. Name of Operator
Tenneco Oil Company ✓

4. Address of Operator
7990 IH 10 West, San Antonio, TX 78230

5. Location of Well
UNIT LETTER L LOCATED 2310 FEET FROM THE south LINE
330 FEET FROM THE west LINE OF SEC. 2 TWP. 19S RGE. 29E NADPM

6. 7. Unit Agreement Name

8. Farm or Lease Name
State HL 2

9. Well No.
3

10. Field and Pool, or Wildcat
So. Leo, 7R/Qn/Gb/SA

11. County
Eddy

12. County

13. Proposed Depth
3150'

14. Formation
San Andres

15. Rotary or C.T.
Rotary

16. Elevations (Show whether LH, RT, etc.)
3431 GR

17. 21A. Kind & Status Plug. Bond
Blanket

18. 21B. Drilling Contractor
Salazar Bros.

19. 22. Approx. Date Work will start
2/11/85

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2"	8 5/8"	32#	300'	190 sxs Class C	surface
7 7/8"	5 1/2"	15.5#	3150'	122 sxs Howloc	surface
				Lite & 200 sxs Class "C"	

- Construct suitable location. Reserve pits, working pits, rat hole, mouse hole, cellar may be provided by operator or drilling contractor, and will be determined in conjunction with selection of drilling contractor/rig.
- MIRU. Drill 12 1/2" hole to 300' +/- . Plan to dry drill from 80' +/- to 300'. 30 loads FW @ start. Beware washouts/cave-in around substructure.
- CCM to run casing. SLM out of hole. Set 8 5/8" casing in full compression at 300 +/- . Run casing, cement and centralize as per above casing & cementing program.
- WOC 18 hours. Cut off 8 5/8" casing. Install See Note #1 wellhead.
- NU following BOPE: 3M Double Ram BOPE (pipe on BTM.-Blinds on top) Test to 1000 PSIG when testing casing.

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 Ladell Collier Title Geological Engineer Date 1/22/85

(This space for State Use)

Original Signed By
Mike Williams
Oil & Gas Inspector

JAN 31 1985

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

7-31-85
180
2-1-85

6. PU 7 7/8" bit and following BHA: Slick
RIH to top of float collar. Test 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. Record test on IADC Report and include details in daily drilling report to TOC SWD. Insure compliance with State of NM Rule 107 before testing and drilling out.
7. Drill 7 7/8" hole to +/-3150'. -Log, -as per G.E. Log, as per G.E.
8. 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.
9. If not P&A's, set 5 1/2" production casing @ 3150. Run casing, cement and centralize as per attached casing and cementing program. Fill casing every 20 joints while running in hole. Set full casing weight on slips. Check float equip operation.
10. C.O. casing. ND BOPE and install SEE NOTE 2 BELOW tubing head. Test to 1500 psi. NU dry hole tree. Release rig.

NOTES: 1. 8 5/8" x 10 3/4" 3M Larkin Fig. 92 w/2 - 2" LPO, 1-solid bull plug & 1-3M ball valve.

2. 5 1/2" x 2 3/8" 3M Larkin Type R w/2 - 2" LPO, 1 - solid bull plug & 1-3M ball valve.

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

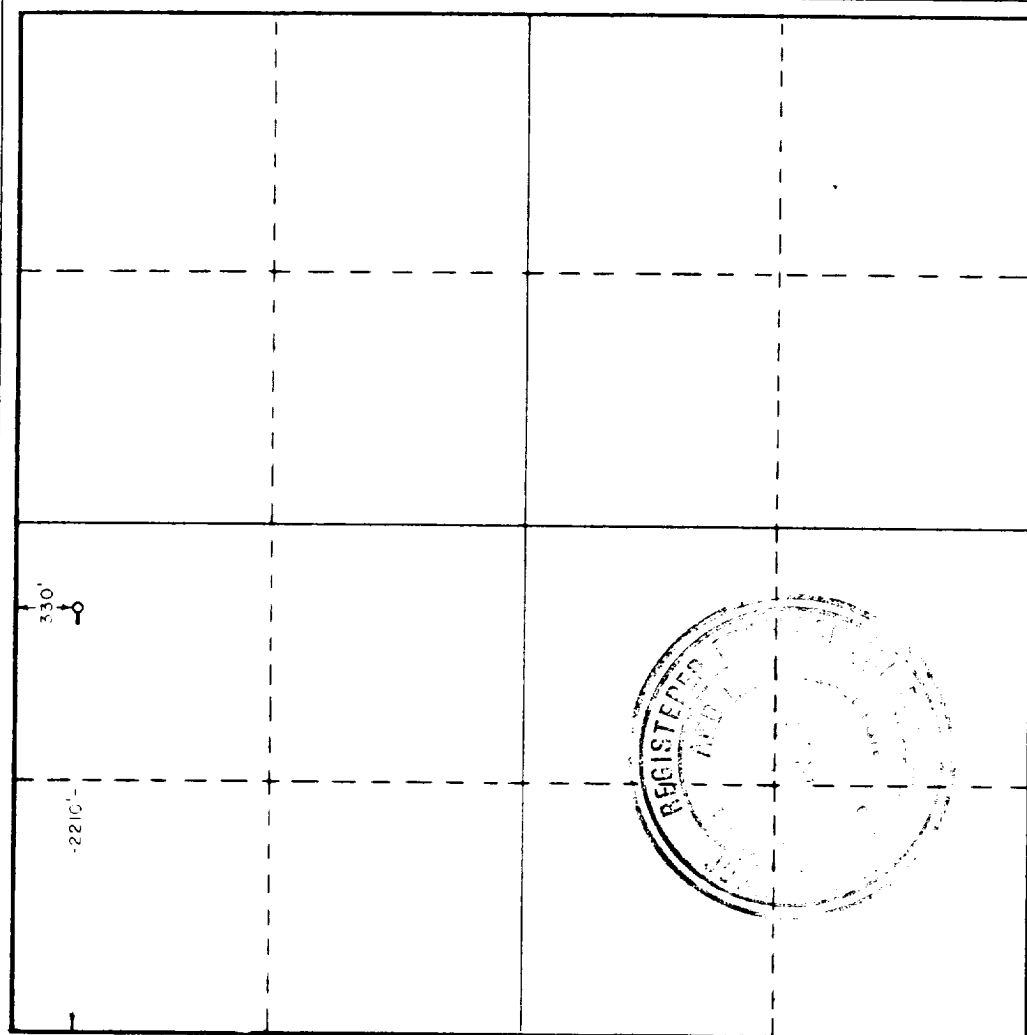
Operator Tenneco Oil Co.			Lease State HL 2			Well No. 3		
Tract Letter L	Section 2	Township 19 South	Range 29 East	County Eddy				
Actual Footage Location of Well: 2210 feet from the South line and 330 feet from the West line								
Ground Level Elev. 3386.8'		Producing Formation			Pool		Dedicated Acreage: 4.0 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.

Ladell Collier

Name

Ladell Collier

Position

Geological Engineer

Company

Tenneco Oil Company

Date

1/22/85

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

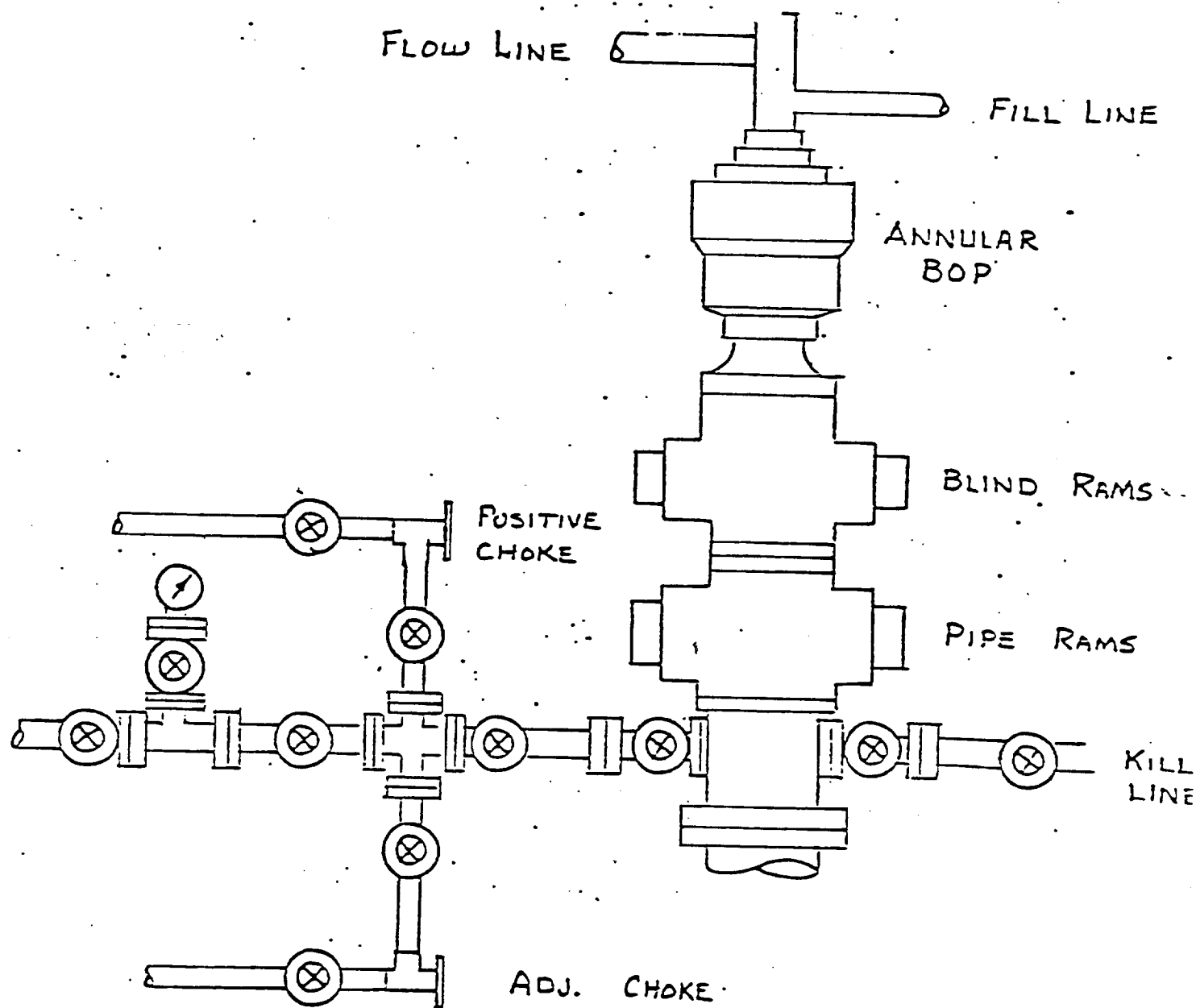
January 15, 1985

Registered Professional Engineer
 and/or Land Surveyor

John W. West

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





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.