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5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEED <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Robinson 14	
c. Name of Operator		9. Well No.	
Tenneco Oil Company		1	
d. Address of Operator		10. Field and Pool, or Wildcat	
7990 IH 10 West, San Antonio, TX 78230		Vada <i>Lea</i>	
e. Location of Well		12. County	
UNIT LETTER <u>P</u> LOCATED <u>660'</u> FEET FROM THE <u>south</u> LINE NO. <u>660</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>14</u> TWP. <u>9S</u> RGE. <u>33E</u> NMPW		Lea	
19. Proposed Depth		19A. Formation	
9750'		Bough "C"	
20. Rotary or C.T.		Rotary	
1. Elevations (Show whether DT, KT, etc.)		21A. Kind & Status Plug. Bond	
4341.0 GR		blanket	
21B. Drilling Contractor		22. Approx. Date Work will start	
unknown		December 5, 1985	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	54.5#	400'	425 sxs Class C	surface
12 1/2"	8 5/8"	32#	2370'	2525 sxs Class C	surface
7 7/8"	5 1/2"	17#	9750'	595 sxs Class H	6800'

- MIRU drilling rig.
- Spud w/17 1/2" bit. Drill to 400' w/spud mud. Possible loss of full returns can be encountered. Dry drill if full returns cannot be regained.
- Prior to POOH to run casing, pump Hi-Vis sweep and spot 80-100 bbl pill on bottom. Run and cement 13 3/8" casing as directed in casing-cement program.
- After sufficient WOC time CO/13 3/8 casing and weld on 13 3/8 x 13 5/8 - 3M flange to casing. NU BOP diverter system as described in BOP schematic for intermediate hole.
- PU 12 1/4" bit. RIH to top of baffle collar. Test casing - BOPE to 500 psi (30 min). Drill out F/E to top of guide shoe. Test casing to 500 psi.
- Drill 12 1/4" hole to 3870' (top of San Andres). Drill through inner reserve pit (See Mud Program). Make wiper trip prior to POOH to run casing.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway

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 Don Lindsey Title Drilling Engineer Date 11/22/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE DEC 4 - 1985

CONDITIONS OF APPROVAL, IF ANY:

7. Run and cement 8 5/8" casing as directed casing-cement program. Set 20% weight on bottom.
8. CO 13 3/8" casing flange. ND diverter system. Before CO 8 5/8" casing, make sure pipe is cmt to surface. CO 8 5/8" csg. Weld on 8 5/8 slip on x 8 5/8 8RD bell nipple. Install casing section of Unistack. (NOTE: Do not CO casing until cement has set.)
9. NU BOPE as specified in BOP Schematic.
10. PU 7 7/8" bit. RIH to top of FE. Test casing and BOPE to 1000 psi (30 min). Witness all tests.
11. Drill 7 7/8" hole to 9750'. (See Mud program for details and assoc. problems.)
12. Log as directed by G.E. DST possible in Bough "C" (9610').
13. If decision is made to run pipe, run 5 1/2" casing to 9750'. Cement as directed in cement program. Set 20% casing weight on bottom, 80% on slips (tension).
14. ND BOPE. CO 5 1/2" casing. Install tubing section of Unistack. Test same to 50% casing collapse.

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