

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.
B-1505

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well 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"/>		8. Farm or Lease Name Lovington San Andres Unit
2. Name of Operator Texaco Producing Inc.		9. Well No. 15
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Lovington San Andres
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>31</u> TWP. <u>16-S</u> R. <u>37-E</u> N.M.P.M.		12. County Lea
19. Proposed Depth 5110'		19A. Formation Grayburg San Andres
20. Rotary or C.T. Pulling Unit		
21. Elevations (show whether DF, RT, etc.) 3824' DF	21A. Kind & Status Plug. Bond Blanket	22. Approx. Date Work will start April 10, 1986

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/4" (Est.)	13"	40	275'	200	159'
12" (Est.)	9-5/8"	40	2998'	400	1818'
8-3/4" (Est.)	7"	NA	4531'	200	3431'
6-1/4" (Est.)	Open Hole Present TD		4972'		

It is proposed to deepen the well 138', acidize the San Andres, perforate in Grayburg and then acidize the Grayburg formation.

- 1.) Pull rods and pump. Install BOP.
- 2.) Tag bottom w/tubing to check TD, and then POH.
- 3.) GIH w/RBP and packer, test casing to 300 psi. If leak is found, perforate casing w/2 holes, set CIBP below leak and cement retainer above, squeeze w/± 200 sxs Class "H" w/2% CaCl. Squeeze to 2000 psi. WOC 24 hours. Drill out cement and test casing again to 300 psi.
- 4.) GIH w/6-1/4" bit, clean out to TD then deepen to 5110'.
- 5.) Run CBL to verify TOC. Block squeeze, if necessary.
- 6.) Run GR-CNL-CCL-Caliper 5110' to 3110'.

(Continued)

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. 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 L. J. Seeman Title Dist. Petroleum Engineer Date March 18, 1986

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 26 1986

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED
MAR 19 1985
O.C.D.
HOURS OFFICE