

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FCC <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-1733

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> 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 Vacuum Grayburg San Andres Unit	
2. Name of Operator TEXACO Inc.		9. Well No. 42	
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Vacuum Grayburg San Andres	
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>18-S</u> RGC. <u>34-E</u> NMPM		12. County Lea	
19. Proposed Depth 4735'		19A. Formation San Andres	
20. Rotary or C.T. Pulling Un			
21. Elevations (Show whether DF, RT, etc.) 3998' DF	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor	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
17-1/2"	13"	40#	301'	275	Circulated
12-1/4"	9-5/8"	40#	1539'	350	660'
8-5/8"	7"	24#	4154'	250	2850'
6-1/4"	Open Hole Present TD		4690'		

It is proposed to deepen the well 45' in the same zone and then acidize.

- 1.) Pull rods, pump, install BOP, pull tubing.
- 2.) TIH w/6-1/4" bit & drill collars on 2-7/8" tubing. Clean out to TD (4690'). Deepen well to 4735'. Circulate clean.
- 3.) Spot 75 gallons 15% NE-FE acid from 4735' to 4690'. Spot 600# scale converter. POH.
- 4.) TIH w/7" packer and 650' tailpipe. Set packer at 3600'. Load backside. Acidize w/10,000 gals of 20% NE-FE acid mixed with 10 gals of scale inhibitor in four stages using rock salt/moth balls as block. Max. WHIP: 4000 psi.
- 5.) Release packer, check for fill. Cleanout, if necessary.
- 6.) Run production equipment.
- 7.) After well stabilizes, resqueeze for scale inhibition.

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 SUPERVISOR TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 20 1986

RECEIVED
MAR 19 1986
C. J. H.
HOBBY OFFICE