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# NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-144-1	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input 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 Crayburg San Andres Unit	
2. Name of Operator TEXACO INC. % DARRELL SMITH		9. Well No. 46	
3. Address of Operator P. O. BOX 3109, MIDLAND, TEXAS 79701		10. Field and Pool, or Wildcat Vacuum Grayburg San Andres	
4. Location of Well UNIT LETTER H LOCATED 1405' FEET FROM THE North LINE AND 1230' FEET FROM THE East LINE OF SEC. 2 TWP. 13S RGE. 34E NMPM		12. County Lea	
19. Proposed Depth 4800'		19A. Formation Crayburg San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) Gr: 4010	
21A. Kind & Status Plug. Bond \$10,000 Blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start At Once			

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	20#	350'	* 210 sx	300% to circulate
7 7/8"	5 1/2"	14#	4800'	**500 sx	200% to bring cmt. top to 2000'

\*210 sx. Class C + 2% CaCl<sub>2</sub>, 14.8 ppg (cement must circulate) 300% to circulate

\*\*300 sx Class C + 12% Gel, 12.38 ppg followed by 200 sx Class C 14.8 ppg - 200% to bring cement top to 2000'.

### FORMATION TOPS

Grayburg 4150'  
San Andres 4350'  
Total Depth 4800'

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES April 3, 1973

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 J. J. Valtan Title Division Civil Engineer Date January 31, 1973  
(This space for State Use)

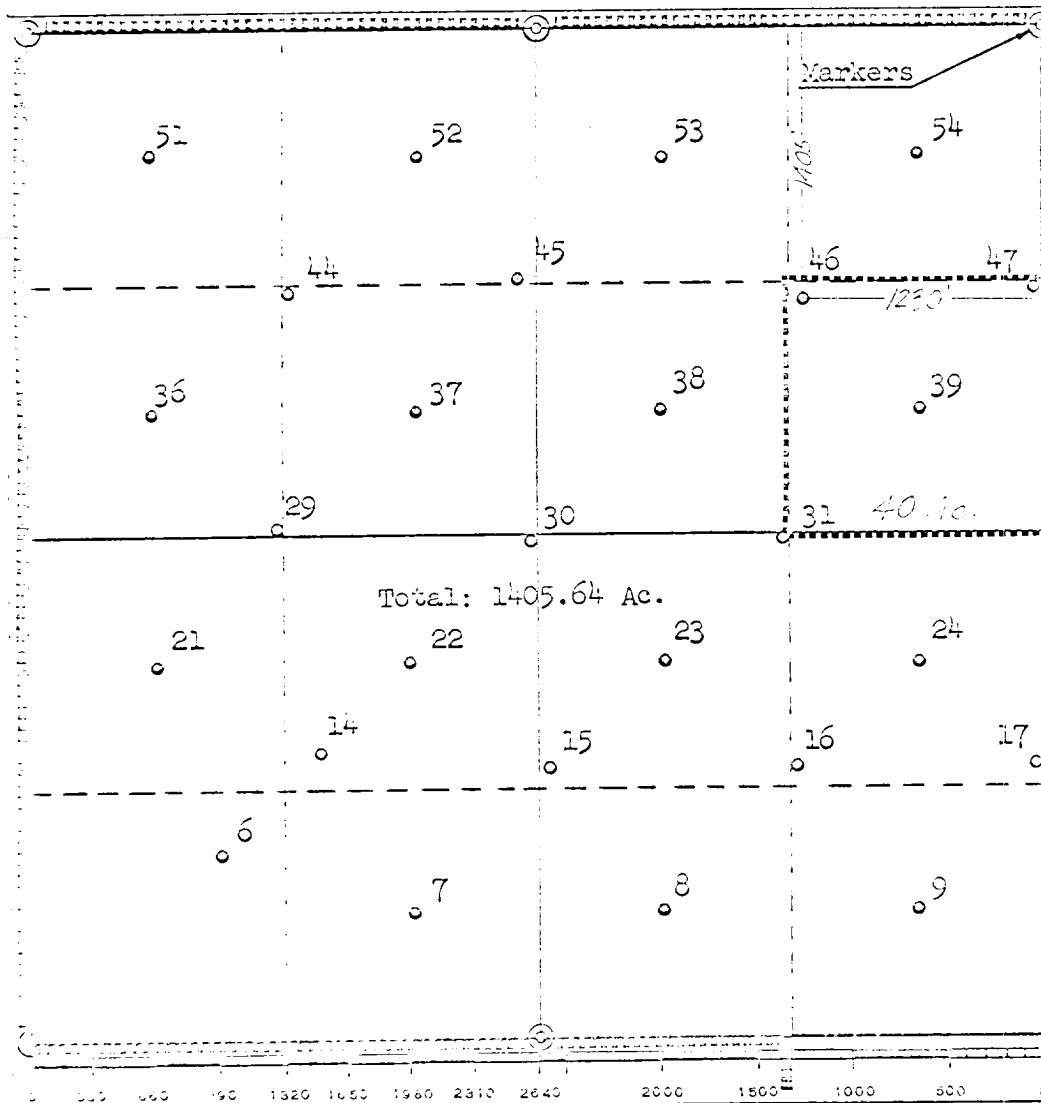
APPROVED BY John W. Kunyan TITLE Geologist DATE Feb 1, 1973  
CONDITIONS OF APPROVAL, IF ANY:

1960-1961  
 1962-1963  
 1964-1965

Operator TANCO Inc.		Location Vacuum Graysburg, San Andres Unit		Well No. 46
Grid Zone H	Section 2	Township 18 - North	Range 34 - East	County Tua
Actual Electric Location of Well				
1405	feet from the North	1230	feet from the East	Sec. 2
Ground Level Elev. 4010'	Present Formation Graysburg - San Andres	Pool Vacuum Graysburg, San Andres	Dedicated Kerosene 40	
Notes				

- ☒ Yes    ☐ No    If answer is "yes," type of consolidation Unitization

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.



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

Date 1/31/73

Date Surveyed 1/30/79

Registered Professional Engineer  
and/or Land Surveyor

J. J. Velten  
Certificate No.