

30-025-27974

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## NEW MEXICO OIL CONSERVATION COMMISSION

Texaco Lease # 254770

Form O-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>

5. State Oil &amp; Gas Lease No.

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

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Water Injection</u> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Texaco Inc.		8. Farm or Lease Name Vacuum Grayburg San Andres Unit	
3. Address of Operator P. O. Box 3109 Midland, Texas 79702		9. Well No. 63	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>50</u> FEET FROM THE <u>North</u> LINE AND <u>2630</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>T-18-S</u> R- <u>34-E</u> NMPM		10. Field and Pool, or Wildcat Vacuum	
11. County Lea		12. County Lea	
19. Proposed Depth 4800		19A. Formation San Andres	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4014' Gr	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
22. Approx. Date Work will start Immediately			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65#, H-40	350'	500	Circulate
15"	11 3/4"	42#, H-40	1490'	1350	Circulate
11"	8 5/8"	28#, H-40	2710'	1200	Circulate
		28#, S-80			
7 7/8"	5 1/2"	15.5#, K-55	4800'	1350	Circulate

Surface Casing: 500 sxs Class "H" w/2% CaCl<sub>2</sub> (15.6 ppg, 1.18 ft<sup>3</sup>/sx).1st Intermediate Casing: 1350 sxs Class "H" w/2% CaCl<sub>2</sub> (15.6 ppg, 1.18 ft<sup>3</sup>/sx)2nd Intermediate Casing: 1st Stage: 350 sxs Class "H" Neat (15.6 ppg, 1.18 ft<sup>3</sup>/sx) followed by 350 sxs Class "H" w/2% CaCl<sub>2</sub> (15.6 ppg, 1.18 ft<sup>3</sup>/sx)  
DV Tool @ 1500'. 2nd Stage: 500 sxs Class "H" w/2% CaCl<sub>2</sub> (15.6 ppg, 1.18 ft<sup>3</sup>/s)Production Casing: 1350 sxs Class "H" w/0.6% HALAD-9, 0.3% CFR-2, 1/4# flocele/s  
(15.6 ppg 1.18 ft<sup>3</sup>/sx).

N52-1611

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 5/1/83  
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION AND PROPOSED NEW PRODUCTION 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 R. S. Lane Title Asst. Petr. Engr. Manager Date October 1, 1982  
(This space for State Use)APPROVED BY Edin W. Lane TITLE OIL & GAS INSPECTOR DATE NOV 13 1982  
CONDITIONS OF APPROVAL, IF ANY:

**NEW 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.

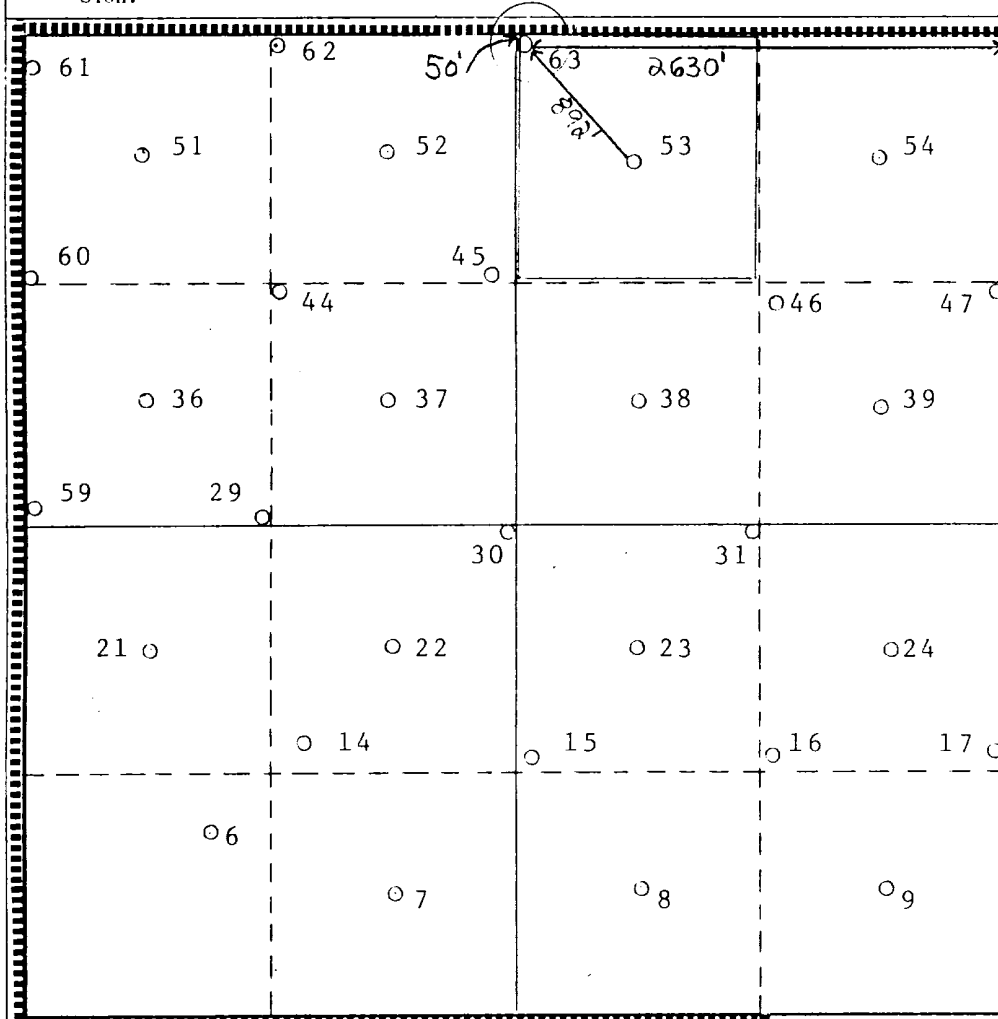
Operator <b>Texaco Inc.</b>			Lease <b>Vacuum Grayburg San Andres Unit</b>		Well No. <b>63</b>
Unit Letter <b>B</b>	Section <b>2</b>	Township <b>18-South</b>	Range <b>34-East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>50</b> feet from the <b>North</b> line and</span> <span><b>2630</b> feet from the <b>East</b> line</span> </div>					
Ground Level Elev. <b>4014'</b>	Producing Formation <b>San Andres</b>	Pool <b>Vacuum</b>		Dedicated Acreage: <b>Injection Well</b> <b>Unorthodox</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

*B. L. Eiland*

Name

**B. L. Eiland**

Position

**Division Surveyor**

Company

**Texaco Inc.**

Date

**October 12, 1982**

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

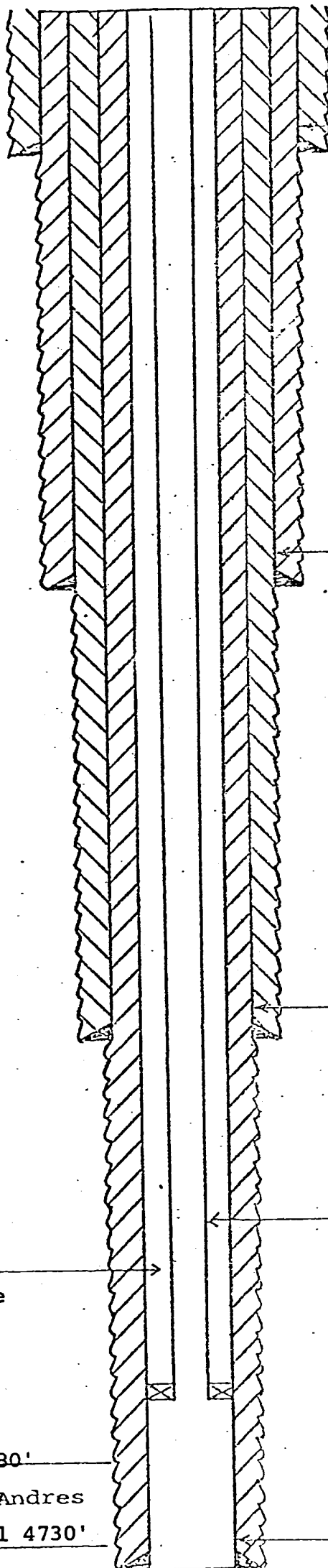
**September 27, 1982**

Registered Professional Engineer  
and/or Land Surveyor,

*B. L. Eiland*  
**B. L. Eiland**

Certificate No.

**4386**



16" Csg. set @ 350'  
Circulate Cement.

11-3/4" Csg. set @ 1490'  
Circulate Cement.

8-5/8" Csg. set @ 2710'  
Circulate Cement.

2-3/8" Plastic Coated  
Tubing. Pressure limiting  
valve to be installed at  
surface to limit injection  
pressure to 0.2 psi per  
foot of depth.

Packer to be set within  
50' of top perforation  
(± 4340')

2-3/8" x 4-1/2" annulus to  
be loaded with inhibited  
fluid. Valve and pressure  
gauge to be installed above  
ground on annulus.

Est. Top Perforations @ 4380'

Grayburg-San Andres

Est. Base of Perf. Interval 4730'

5-1/2" Csg. set @ 4800'  
Circulate Cement.

# PROPOSED INJECTION WELLS

VACUUM GRAYBURG SAN ANDRES UNIT  
WELL NO. 63

VACUUM GRAYBURG-SAN ANDRES FIELD  
LEA COUNTY, NEW MEXICO