

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

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form O-100  
Revised 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 1-1733-1	

1a. TYPE OF WELL	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
b. TYPE OF COMPLETION	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>

7. Unit Agreement Name Vacuum Grayburg San Andres Unit
8. Name of Lease Name Vacuum Grayburg San Andres Unit
9. Well No. 20
10. Field and Pool or Wildcat Vacuum Grayburg San Andres

2. Name of Operator TEXACO Inc.
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3. Address of Operator P. O. Box 720 Hobbs, New Mexico 724
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4. Location of Well	
UNIT LETTER <b>G</b> LOCATED <b>1330</b> FEET FROM THE <b>North</b> LINE AND <b>1330</b> FEET FROM	
THE <b>East</b> LINE OF SEC. <b>1</b> TWP. <b>10-S</b> RGE. <b>34-E</b> NMPM	

12. County <b>Lea</b>
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15. Date Spudded 2-19-73	16. Date T.D. Reached 3-4-73	17. Date Compl. (Ready to Prod.) 3-6-73	18. Elevations (DF, RKB, RT, GR, etc.) 3790' OR	19. Elev. Casinghead 3710'
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20. Total Depth 4000'	21. Plug Back T.D. 4700'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 4000'	Cable Tools
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24. Productive Interval(s) of this completion - Top, Bottom, Name 2 JSPI 8 43-2, 4, 2, 44-2, 20, 33, 40, 40, 73, 0, 74, 45-3, 21, 25, 30, 30, 41, 47, 50, 53, 00, 32, 35, 45-5, 02, 30, 47-3, 33, 2 4743'	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run Compensated Neutron Log	27. Was Well Cored Yes
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE 5 1/2"	WEIGHT LB./FT. 25	DEPTH SET 354'	HOLE SIZE 12 1/4"	CEMENTING RECORD 50% SL.	AMOUNT PULLED
5 1/2"	14	4000	7 7/8"	50% SL.	

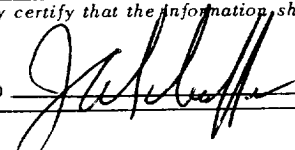
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	4775'	

31. Perforation Record (Interval, size and number) 2 JSPI 8 43-2, 4, 2, 44-2, 20, 33, 40, 40, 73, 0, 74, 45-3, 21, 25, 30, 30, 41, 47, 50, 53, 00, 32, 35, 45-5, 02, 30, 47-3, 33, 2 4743'.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL 43-2-4743'	AMOUNT AND KIND MATERIAL USED 50% SL. 2 7/8" N/A

33. PRODUCTION							
Date First Production 3-4-73		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Prod.	
Date of Test 3-12-73	Hours Tested 24	Choke Size	Prod'n. For Test Period	Oil - Bbl. 213	Gas - MCF 495	Water - Bbl. 13	Gas-Oil Ratio 2325
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 213	Gas - MCF 495	Water - Bbl. 13	Oil Gravity - API (Corr.) 30	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - TEXACO Inc.	Test Witnessed By A. J. Gernandt
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35. List of Attachments
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36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED 	TITLE <b>Asst. Dist. Supt.</b>	DATE <b>3-13-73</b>

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1500	1500	1500	Redbeds				
1500	3000	1500	Anhydrite & Salt				
3000	4000	1000	Dolomite & Anhydrite				

Vacuum GB-San Andres Unit Well No. 50

- Core No. 1 from 4250-4310. Cut 60' and recovered 60' of light gray dolomite and anhydrite with fair porosity and bleeding oil and gas throughout core.
- Core No. 2 From 4310-4370'. Cut 60' and recovered 60' of light gray and tan dolomite and anhydrite. Vuggy porosity with scattered bleeding throughout core.
- Core No. 3 From 4370-4430. Cut 60' and recovered 59' of light gray and tan dolomite with fair porosity and scattered oil bleeding.
- Core No. 4 From 4430-4472. Cut 42' and recovered 42' of gray and tan dolomite and anhydrite with good porosity and scattered bleeding.
- Core No. 5 From 4472-4532. Cut 60' and recovered 60' of light gray and tan dolomite and anhydrite with poor to fair porosity and scattered bleeding.
- Core No. 6 From 4532-4592. Cut 60' and recovered 60' of light gray and tan dolomite with scattered fractures and fair porosity with scattered bleeding.
- Core No. 7 From 4592-4652. Cut 60' and recovered 60' of gray to light gray dolomite with dense to fair porosity. Scattered fractures and bleeding throughout core.