

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 checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-144-1
7. Unit Agreement Name Vacuum Grayburg San Andres Unit
8. Farm or Lease Name Vacuum Grayburg San Andres Unit
9. Well No. 46
10. Field and Pool, or Wildcat Vacuum Grayburg San Andres

19. 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"/>	
2. Name of Operator TEXACO Inc.	
3. Address of Operator P. O. Box 728, Hobbs, New Mexico 88240	
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. 18-S RGE. 34-E NMPM	

15. Date Spudded 2-15-73	16. Date T.D. Reached 3-2-73	17. Date Compl. (Ready to Prod.) 3-7-73	18. Elevations (DF, RKB, RT, GR, etc.) 4010' GR	19. Elev. Casinghead 4010'
20. Total Depth 4800'	21. Plug Back T.D. 4788'	22. If Multiple Compl., How Many	23. Intervals Drilled By 4800'	24. Producing Interval(s), of this completion - Top, Bottom, Name 2 JSPI @ 4319, 43, 55, 70, 80, 87, 4420, 25, 46, 50, 56, 70, 75, 4506, 20, 41, 84, 94, 4601, 22, 32, 46, 52, 80, 88, & 4697'.
25. Type Electric and Other Logs Run Compensated Neutron Log				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run Compensated Neutron Log				27. Was Well Cored Yes

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20	356	12 1/4"	300 sx.	
5 1/2"	14	4800	8 7/8"	500 sx.	

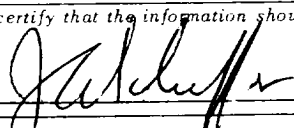
LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8"	4731'	

31. Perforation Record (Interval, size and number) 2JSPI @ 4319, 43, 55, 70, 80, 87, 4420, 25, 46, 50, 56, 70, 75, 4506, 20, 41, 84, 94, 4601, 22, 32, 46, 52, 80, 88, & 4697'.	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4319-4697' AMOUNT AND KIND MATERIAL USED 8000 gals. 20% NEA
---	---

PRODUCTION							
Date First Production 3-7-73		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 99	Oil - Bbl. 99	Gas - MCF 226	Water - Bbl. 7	Gas - Oil Ratio 2285
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate 99	Oil - Bbl. 99	Gas - MCF 226	Water - Bbl. 7	Oil Gravity - API (Corr.) 35.9	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Phillips Petroleum Co.	Test Witnessed By A. J. Gernandt
--	--

35. List of Attachments

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 Asst. Dist. Supt.	DATE 3-13-73

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. Blinbry _____	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
			Reddish silt Halomite & Anhydrite				

Vacuum GB-San Andres Unit Well No. 46

- Core No. 1 From 4330-4390. Cut 60' and recovered 59' of dense gray to light gray dolomite with scattered anhydrite inclusions. Scattered oil and gas bleeding throughout core.
- Core No. 2 From 4390-4450. Cut 60' and recovered 60' of tan and light gray dolomite and anhydrite. Scattered oil bleeding from fractures and vugs.
- Core No. 3 From 4450-4489. Cut 39' and recovered 37' of light gray dolomite. Fair porosity and fractures with heavy oil bleeding throughout core.
- Core No. 4 From 4489-4550. Cut 61 ft. and recovered 61 ft. of light gray dolomite and anhydrite with fair porosity and oil bleeding throughout core.
- Core No. 5 From 4550-4610. Cut 60' and recovered 60' of light gray dolomite with fractures and vugs and scattered oil bleeding throughout core.
- Core No. 6 From 4610-4671. Cut 61' and recovered 61' of gray and tan dolomite with fair porosity and scattered bleeding.