

CONFIDENTIAL

Form C-105
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
L 990	

TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER _____

TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER _____

Name of Operator

SOHIO PETROLEUM COMPANY ATTN: PRODUCTION WEST

Address of Operator

P.O. Box 4527; 5151 San Felipe, Houston, Texas, 77210

Location of Well

T. LETTER P LOCATED 600 FEET FROM THE South LINE AND 660 FEET FROMEast LINE OF SEC. 35 TWP. 16S RGE. 37E NMPMDate Spudded 3-15-1988 16. Date T.D. Reached 4-15-1988 17. Date Compl. (Ready to Prod.) 4-28-1988 18. Elevations (DF, RKB, RT, GR, etc.) 3753.9 RKB 19. Elev. CasingheadTotal Depth 11,943 21. Plug Back T.D. 11,888 22. If Multiple Compl., How Many single 23. Intervals Drilled By: Rotary Tools Yes Cable Tools _____

Producing Interval(s), of this completion - Top, Bottom, Name

11,565- 11,616, Strawn

25. Was Directional Survey Made

Yes

Type Electric and Other Logs Run

DLL, BCS, SGR, LDT, DIPMETER

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
13 3/8"	54.5	419	17 1/2"	440 Sx	
8 5/8"	32	4504	11"	1500 SX	
5 1/2	15.5 & 17	11,932	7 7/8	640 Sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2 7/8	11,502	11,466

Perforation Record (Interval, size and number)

11,565 - 11570 5' @ 2spf11,572 - 11581 9' @ 2spf11,584 - 11616 32' @ 2spftotal 46' 92 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>11,565-11,616</u>	<u>3000 gal. 15% HCL</u>

PRODUCTION

Date First Production <u>4-28-1988</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Flowing</u>				Well Status (Prod. or Shut-in) <u>Prod.</u>	
Date of Test <u>5-1-1988</u>	Hours Tested <u>24</u>	Choke Size <u>19/64</u>	Prod'n. For Test Period <u>448</u>	Oil - Bbl. <u>448</u>	Gas - MCF <u>448</u>	Water - Bbl. <u>74</u>	Gas - Oil Ratio <u>1000</u>
Flow Tubing Press. <u>27 psig</u>	Casing Pressure <u>0 psig</u>	Calculated 24-Hour Rate <u>448</u>	Oil - Bbl. <u>448</u>	Gas - MCF <u>448</u>	Water - Bbl. <u>74</u>	Oil Gravity - API (Corr.) <u>44</u>	

Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold to Phillips

Test Witnessed By

Bob Hill

List of Attachments

LOG ON FILE AT HOBBS OCD

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 _____

DATE _____

NDE - Well Not Deep Enough

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any new well. It shall be accompanied by one copy of all electrical and radio-actively logs run on the well and a summary of all special tests conducted, including drill stem tests. A log, as reported shall be measured in feet. 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 filled in quadruplicate 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	2100	T. Canyon	Sh 11376	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	11540	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt		T. Aloka	11880	T. Pictured Cliffs	T. Penn. "D"
T. Yates	3328	T. Miss	NDE	T. Cliff House	T. Leadville
T. 7 Rivers	4270	T. Devonian	NDE	T. Klencice	T. Madison
T. Queen		T. Silurian	NDE	T. Point Lookout	T. Elbert
T. Grayburg	5112	T. Montoya	NDE	T. Mancos	T. McCracken
T. San Andres	6594	T. Simpson	NDE	T. Gallup	T. Ignacio Ortiz
T. Clorita		T. McKee	NDE	T. Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	NDE	T. Dakota	
T. Blinberry	8275	T. Gr. Wash	NDE	T. Morrison	
T. Tubb	8470	T. Granite	NDE	T. Todillo	
T. Drinkard	8767	T. Delaware Sand	NA	T. Entrada	
T. Abo		T. Bone Springs	NA	T. Wingate	
T. Wolfcamp				T. Chinle	
T. Penn. Sh 11262				T. Permian	
T. Cisco (Bough C)				T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from	11566	to	11646	No. 4, from	
No. 2, from		to		No. 5, from	
No. 3, from		to		No. 6, from	
No. 1, from	None	to			
No. 2, from		to			
No. 3, from		to			
No. 4, from		to			

Include data on rate of water inflow and elevation to which water rose in hole.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness	Formation	From	To	Thickness	Formation
0	2100	5112	2100	Red Shale, Sand, Anhydrite			
2100	5112	3012	1482	Anhydrite and Dolomite			
5112	6594	1482	236	Dolomite			
6594	6830	236	1882	Siltstone			
6830	8712	1882	446	Dolomite and Shale			
8712	9158	446	11057	Limestone			
9158	11057	11057	1899	Dolomite, Shale, Limestone			
11057	11540	483	11540	Limestone, Shale			
11540	11798	258	11798	Limestone			
11798	11880	82	11880	Sandstone, Limestone, Shale			
11880	11933	53		Shale, Sandstone			