

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

SOHIO PETROLEUM COMPANY

Phillips Lea

(Company or Operator)

AREA 640 ACRES
LOCATE WELL CORRECTLY.

(Lease)

Well No. 5, in NW 1/4 of SW 1/4, of Sec. 31, T. 17-S, R. 34-E, NMPM.

Vacuum Grayburg San Andres

Pool,

Lea

County.

Well is 2310 feet from South line and 990 feet from West line

of Section 31. If State Land the Oil and Gas Lease No. is B4113

Drilling Commenced June 5, 1969 Drilling was Completed June 15, 1969

Name of Drilling Contractor Cactus Drilling Corporation

Address P. O. Box 2068, Hobbs, New Mexico 88240

Elevation above sea level at Top of Tubing Head 4095 GL The information given is to be kept confidential until

Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 4626 to 4630 No. 4, from to

No. 2, from 4656 to 4702 No. 5, from to

No. 3, from 4727 to 4780 No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	28#	Used	402'	Baker Guide	-	-	Surface
4-1/2	15.1	Used	4833'	Baker Guide	and Baker Float Collar		Production
Perf. 1 shot each @ 4728, 4730, 4734, 4736, 4740, 4745, 4747, 4749, 4751, 4753, 4757 and 4759							

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	8-5/8	414	275	Pump & Plug	Native	Circulated Cement
7-7/8	4-1/2	4845	150 Incor 4			
			150 Incor	Pump & Plug	10.2	

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acidized with 1250 gals. of 15% NE: sandfraced with 10,000 gals. of refined oil pad and

20,000 gals. of refined oil with 22,600# of 20/40 Sand. Break down pressure 4900 psi.

Maximum treating pressure 5600, Avg. 5400, Inj. Rate 16.5 BPM. ISIP 3400.

Result of Production Stimulation 28 BOPD and 130 BWP, 31 MCF, GOR 1107.

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4850 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 28, 1969

OIL WELL: The production during the first 24 hours was 28 barrels of liquid of which _____ % was
 was oil; 18 % was emulsion; 82 % water; and _____ % was sediment. A.P.I.
 Gravity 37.00

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. <u>1512</u>	T. Devonian _____	T. Ojo Alamo _____
T. Salt. <u>1620</u>	T. Silurian _____	T. Kirtland-Fruitland _____
B. Salt. <u>2750</u>	T. Montoya _____	T. Farmington _____
T. Yates. <u>2863</u>	T. Simpson _____	T. Pictured Cliffs _____
T. 7 Rivers _____	T. McKee _____	T. Menefee _____
T. Queen Sand <u>3860</u>	T. Ellenburger _____	T. Point Lookout _____
T. Grayburg <u>4248</u>	T. Gr. Wash _____	T. Mancos _____
T. San Andres <u>4610</u>	T. Granite _____	T. Dakota _____
T. Glorieta _____	T. _____	T. Morrison _____
T. Drinkard _____	T. _____	T. Penn _____
T. Tubbs _____	T. _____	T. _____
T. Abo _____	T. _____	T. _____
T. Penn _____	T. _____	T. _____
T. Miss _____	T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1515	1515	Surf. materials & red bd.				
1515	1590	75	Broken Anhy. & red shale				
1590	1665	75	Anhydrite				
1665	2695	1030	Salt w/streaks of anhy.				
2695	2860	165	Anhy. w/streaks dolo. & Sand				
2860	2950	90	Yates Sand Zone - sands, shales & streaks Anhy.				
2950	3170	220	Anhy. w/streaks Sand, shale and dolomite				
3170	3220	50	Gray Sand				
3220	3820	600	Broken Anhy. & dolomite w/slight amount shale & sand				
3820	3865	45	Coarse gray sand				
3865	4205	340	Broken Anhy. & dolo. w/ slight amounts shale & sand				
4205	4599	394	Mostly dense dolo. w/ streaks of tight sand w/ sandy dolo. bottom 50 ft.				
4599	4720	121	White lime dolomite				
4720	4850	130	Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

July 30, 1969

Company or Operator AMERICAN PETROLEUM COMPANY Address P. O. Box 3167, Midland, Texas 79701

Name A. K. HOOD Position or Title District Superintendent