

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE
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 QUINTUPPLICATE.

M. A. Machris

(Company or Operator)

State

(Lease)

Well No. 36-3, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 3, T. 16-S, R. 35-E, NMPM.Townsend-Wolfcamp

Pool,

Lea

County.

Well is 330 feet from South line and 2310 3/4 feet from East lineof Section 3. If State Land the Oil and Gas Lease No. is E 2716Drilling Commenced May 22, 19 54 Drilling was Completed July 20, 19 54Name of Drilling Contractor Brantly Drilling Company, Inc.Address 109 Capitol Building, Midland, TexasElevation above sea level at Top of Tubing Head 4004'
The information given is to be kept confidential until
---, 19---

OIL SANDS OR ZONES

No. 1, from 10,450 to 10,550 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ 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 None 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
<u>13 3/8</u>	<u>48#</u>	<u>New</u>	<u>359</u>	<u>Texas Pattern</u>	<u>-</u>	<u>-</u>	<u>surface</u>
<u>8 5/8</u>	<u>32#</u>	<u>New</u>	<u>4667</u>	<u>Float</u>	<u>-</u>	<u>-</u>	<u>salt string</u>
<u>5 1/2</u>	<u>17-20#</u>	<u>New</u>	<u>10,600</u>	<u>Float</u>	<u>-</u>	<u>10,450-550</u>	<u>oil string</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>16"</u>	<u>13 3/8</u>	<u>359</u>	<u>300</u>	<u>HOWCO</u>	<u>8.6#/gal</u>	<u>unknown</u>
<u>11 3/4"</u>	<u>8 5/8</u>	<u>4667</u>	<u>1500</u>	<u>HOWCO</u>	<u>8.6#/gal</u>	<u>unknown</u>
<u>7 7/8"</u>	<u>5 1/2</u>	<u>10,600</u>	<u>150</u>	<u>HOWCO</u>	<u>9.6#/gal</u>	<u>unknown</u>

RECORD OF PRODUCTION AND STIMULATION

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

(1) Acidize with 500 GMA(2) Acidize with 1000 gal hot acid; 300 gal gel; 200 gal gel; 2000 gal. hot acidResult of Production Stimulation (1) Flowed 28 BO in 1 hr- 1/2" choke(2) Flowed 568.63 BO in 12 hours on 1/2" chokeDepth Cleaned Out 10,566

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 10,600 TD feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing July 22 1954
 OIL WELL: The production during the first 24 hours was 810 barrels of liquid of which 99.8 % was
 was oil; 0.2 % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
 Gravity 39.7°
 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>1,480</u>		T. Devonian		T. Ojo Alamo
T. Salt	<u>1,585</u>		T. Silurian		T. Kirtland-Fruitland
B. Salt	<u>2,800</u>		T. Montoya		T. Farmington
T. Yates	<u>3,050</u>		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg	<u>4,300</u>		T. Gr. Wash		T. Mancos
T. San Andres	<u>4,640</u>		T. Granite		T. Dakota
T. Glorieta	<u>6,240</u>		T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs	<u>7,390</u>		T.		T.
T. Abo	<u>8,112</u>		T.		T.
T. Penn	<u>10,588</u>		T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	170	170	surface sands				
170	1480	1310	redbeds				
1480	1585	105	anhy				
1585	2800	1215	salt				
2800	4300	1500	anhy and shale				
4300	4640	340	anhy and dolo				
4600	8112	3472	dolo				
8112	9590	1478	dolo and shale				
9590	9990	400	lime and dolo				
9990	10,410	420	lime, dolo and shale				
10,410	10,580	170	lime				
10,580	10,600	20	lime and shale T.D.				

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.

Company or Operator M. A. MACHRIS Address 301 Leggett Building, Midland, Texas
 Name Carl W. Smith Position or Title Agent
 (Date) 7-22-54