

**Santa Fe, New Mexico**

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**WELL RECORD**      AM 7 34

**AREA 840 ACRES  
LOCATE WELL CORRECTLY**

**Continental Oil Company**  
(Company or Operator)

**Tonto Deep Unit**  
(Lease)

Well No. 1, in SE  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 22, T. 18S, R. 34E, NMPM.

Tonto Deep - Wolfeamp Pool, Lea County.

Well is 330 feet from South line and 1830 feet from West line

of Section 22 If State Land the Oil and Gas Lease No. is E 2519

Drilling Commenced Sept. 10, 1958 Drilling was Completed April 2, 1959

Name of Drilling Contractor..... **Helmerich & Payne, Inc.**

Address..... **Odessa, Texas**

Elevation above sea level at Top of Tubing Head.....4013..... The information given is to be kept confidential until  
....., 19.....

## OIL SANDS OR ZONES

No. 1, from 11,394 to 11,423 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.....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
13 3/8	48#	New	365	Guide Shoe			
9 5/8	36#	New	5201	Guide Shoe and Float Collar			
7	26#	New	14,609	Guide Shoe and Float Collar			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2	13 3/8	381	350	Pump and plug		
13 3/4	9 5/8	5,159	3,825	Pump and plug		
8 5/8	7	14,490	900	Pump and plug		

### RECORD OF PRODUCTION AND STIMULATION

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

Treated with 5,500 gallons acid through perforations 11,394 to 11,423.

Result of Production Stimulation..... Flowed 121 barrels oil, no water, in 24 hrs through  
3/4" choke.

## 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 Surface feet to 14,925 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing June 1, 19 59

OIL WELL: The production during the first 24 hours was 121 barrels of liquid of which 100 % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity 44

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.		T. Devonian.	<u>14,833</u>
T. Salt.	<u>1913</u>	T. Silurian.	
B. Salt.	<u>3135</u>	T. Montoya.	
T. Yates.	<u>3303</u>	T. Simpson.	
T. 7 Rivers.	<u>3776</u>	T. McKee.	
T. Queen.	<u>4548</u>	T. Ellenburger.	
T. Grayburg.	<u>5055</u>	T. Gr. Wash.	
T. San Andres.		T. Granite.	
T. Glorieta.		T. Delaware Rd.	<u>5,814</u>
T. Drinkard.		T. Wolfeamp	<u>10,460</u>
T. Tubbs.		T. Marrow	<u>12,872</u>
T. Abo.	<u>-Bone Spring 7660</u>		
T. Penn.	<u>12,174</u>		
T. Miss.	<u>13,983</u>		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1913	3135	1222	Salt	9800	9980	180	Dole & Sd.
3135	3500	365	Salt & Anhy.	9980	10050	60	Dole
3500	3660	160	Lime stone Salt & Anhy	10050	10600	550	Dole & Brown Sh.
3660	4470	810	L.S.w/few scattered Sds.	10600	10820	220	Dole, LS & Sh.
4470	5210	740	Dole, LS & Anhy w/few scattered Sds.	10820	11110	290	LS with Chert
5210	5860	650	Dole & LS w/tr Sd.	11110	11270	160	LS & Dole
5860	7450	1590	Dole & LS w/thick, well developed Sds.	11270	11440	170	LS & Sh.
7450	7660	110	LS & Sd. plus Chert & Sh at base	11440	12270	830	Blk Sh with LS
7660	8160	<i>See</i>	Dominantly LS with scattered Sh.	12270	12500	230	LS
8160	8550	390	Blk Sh w/LS & Chert	12500	13030	530	Blk Sh with LS
8550	8660	110	Dole & Chert	13030	13200	170	LS with Chert
8660	8900	240	Blk Sh.	13200	13580	380	LS & Drk Br Sh
8900	9000	100	Sd.	13580	13980	400	Blk Sh with LS
9000	9280	280	Dole.	13980	14640	660	LS with Chert & drk Sh.
9280	9350	70	Sd.	14640	14830	190	Drk Br Sh.
9350	9460	110	Dole with Chert	14830	14925	95	LS & Dole.
9460	9800	340	Dole w/brn silicious Sh & Chert		(TD)		

Copies to: NMCC-6 SLO WAM

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.

December 4, 1959

(Date)

Company or Operator Continental Oil Company

Address Rowley Bldg., Artesia, New Mexico

Name Continental Oil Company

Position or Title District Superintendent