

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

State 70

(Company or Operator)

(Lease)

**Townsend-Helfcamp**

**Townsend-Wolfcamp** Pool, **Lea** County.

Well is 1980 feet from South line and 1980 feet from West line

of Section 2 If State Land the Oil and Gas Lease No. is 1-8266

Drilling Commenced **April 28**, 19**55**, Drilling was Completed **June 18**, 19**55**

Drilling Commenced.....  
Name of Drilling Contractor..... **L. E. & S. A. Olson**

Name of Dining Conductor.....  
Address.....

Elevation above sea level at Top of Tubing Head..... **3991** ..... The information given is to be kept confidential until  
**not confidential** ..... 19.....

No. 1, from 10,500 to 10,560 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

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

No. 3, from.....to..... No. 6, from.....to.....

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. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	new	338		none		Surface String
8 5/8"	32#	new	4,675		none		Salt String
5 1/2"	15.5# & 17#	new	10,611		none	10,500'-10,532' 10,540'-10,560'	oil String

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"	353	400	Pump & Plug	Cemented to surface	
11"	8 5/8"	4,687	1900	Pump & Plug	Cemented to surface	
7 7/8"	5 1/2"	10,624	600	Pump & Plug		

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

Washed perforations 10,500' - 10,532' & 10,540' - 10,560' w/500 gallons mud

cleanout agent. Then treated thru perforations w/1500 gallons mud cleanout agent.

On 24 hour OPT flowed 412 BO, out 0.3% BS, no water, thru 20/64" choke.

Gravity 40.5 deg. API.

..Depth Cleaned Out.....10,592'

7 WORD OF DRILL-STEM AND SPECIAL TEST

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 10,625 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 25, 1955

OIL WELL: The production during the first 24 hours was 412 barrels of liquid of which 99.7% was oil; % was emulsion; % water; and 0.3% was sediment. A.P.I. Gravity 40.5 deg.

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	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefec
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta 6224' (-2223')	T. Wolfcamp 10,355' (-6354')	T. Morrison
T. Drinkard 3118 7388' (-3387')	T.	T. Penn
T. Tubbs	T.	T.
T. Abo 8134' (-4133')	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	10,200	10200	No samples taken Limestone & Shale				
10200	10,625	425					
	TD 10,625						

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.

June 27, 1955

Company or Operator Shell Oil Company  
Name B. Nevill Original signed by B. Nevill

Address Box 1957, Hobbs, New Mexico  
Position or Title Division Exploitation Engineer