



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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.

John L. Hansen & Warren Fitzelson Corp.  
(Company or Operator)

D. F. Willhoit  
(Lease)

Well No. 1, in SW  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec. 18, T. 17-S, R. 39-E, NMPM.

South Kansas Devonian Pool, Lea County.

Well is 660 feet from North line and 660 feet from West line of Section 18. If State Land the Oil and Gas Lease No. is \_\_\_\_\_.

Drilling Commenced June 5, 1954. Drilling was Completed September 8, 1954.

Name of Drilling Contractor A. W. Thompson, Inc.

Address Odessa, Texas

Elevation above sea level at Top of Tubing Head 3669. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from 12,122 to 12,557 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>291</u>	<u>Larkin</u>			
<u>9 5/8</u>	<u>35 &amp; 40</u>	<u>New</u>	<u>5001</u>	<u>Baker</u>			
<u>5 1/2</u>	<u>17 &amp; 20</u>	<u>New</u>	<u>12,556</u>	<u>Baker</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>17 1/4</u>	<u>13 3/8</u>	<u>291</u>	<u>350</u>	<u>Pump</u>		
<u>12 1/4</u>	<u>9 5/8</u>	<u>5001</u>	<u>3450</u>	<u>Pump</u>		
<u>8 1/4</u>	<u>5 1/2</u>	<u>12,556</u>	<u>500</u>	<u>Pump</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Flowed at the rate of 285 BOPD before treatment. Treated with 500 gal. Soloflush by The Western Co. on September 8, 1954.

Result of Production Stimulation After treatment well flowed at the rate of 484 BOPD on a 16/64" choke.

Depth Cleaned Out 12,160-12,190

# 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 12,557 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing September 8, 1954

OIL WELL: The production during the first 24 hours was 484 barrels of liquid of which 99.9% was oil; % was emulsion; % water; and 0.1% was sediment. A.P.I. Gravity 46.3

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. 2350	T. Devonian 12,122	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 3570	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg 4750	T. Gr. Wash	T. Mancos	
T. San Andres 5420	T. Granite	T. Dakota	
T. Glorieta 6730	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs 8360	T.	T.	
T. Abo	T.	T.	
T. Penn.	T.	T.	
T. Miss 11,280	T.	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	300	300	Surface sand				
300	2350	2050	Red beds				
2350	3570	1220	Anhydrite & salt				
3570	4750	1180	Sand, anhy, red shale				
4750	5420	690	Dolo, anhy & sand				
5420	6180	760	Dolomite				
6180	7160	980	Lime & dolomite				
7160	8600	1440	Dolo, sand & chert				
8600	9140	540	Sand & dolomite				
9140	11280	2140	Lime, dolo, shale & chert				
11,280	12,080	940	Lime & chert				
12,080	12,122	102	Black shale				
12,122	12,551	429	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.

September 15, 1954

(Date)

Company or Operator Jahn L. Hanson & Warren Pet. Corp. Address Box 4162, Odessa, Texas

Name P. W. Law Position or Title Engineer

DRILL STEM TEST RECORD

- DST #1 9715-9780 Open 1 hour, 5/8" x 1" chokes, immediate weak to moderate blow which died, recovered 120' water (fresh drilling water), FFP-0, SIP-2650/30 min.
- DST #2 9780-9820 Open 2 hours, weak blow increased to good in 30 min., recovered 1006' fluid being top 180' fresh drilling fluid and 826' black sulfur water.
- DST #3 12,144-182 5/8 x 1" chokes, open 2 hrs. 47 min., used 1100' WB, gas in 1 hr. 30 min., water in 2 hrs. 5 min., oil in 2 hrs. 20 min., cleaned to pits 12 min., flwd. in tank 15 min., 15 min. flow gauge @ rate of 38.6 BOPH. Reversed out 6344' oil & gas. Recovered 180' HO&GCM below the sub, no water. IFP-950#, MFP-3925#, FFP-3550#, SIP 4900#/1 hr., Hydro. in-5800#, Hydro. out-5600#.
- DST #4 12,187-207 5/8" x 1" chokes open 4 hrs. 6 min., used 1080' WB, good blow immediately and thruout test, gas to surface in 1 hr. 2 min., WB and oil to surface in 3 hrs. 39 min., cleaned to pits for 12 min., flwd clean oil to tanks 15 min. at rate of 37.44 BOPH. Reversed out 36 BO. Recovered 180' HO&GCM, no water. IFP-855#, MFP-3950#, FFP-3600#, Hydro in-5625#, Hydro-out 5750#, SIP-4950#/1 hr.
- DST #5 12,208-232 5/8" x 1" chokes, used 1100' WB, open 3 hrs., immediate weak blow and increased to fair blow within 30 min. Gas to surface in 2 hrs. 32 min., recovered 388' oil & 1100' WB, no water, IFP-600#, FFP-600#, SIP-4925#/20 min.
- DST #6 12,232-257 open 1 hr., used 1100' WB, recovered 5' oil, 1100' WB, no formation water, FFP-500#, no SIP, Hydro-5600#.
- DST #7 12,265-282 open 23 min., used 1100' WB, no blow, recovered 1100' WB and 10' mud, pressures 0, no water.
- DST #8 12,268-299 Open 2 1/2 hrs., used 1100' WB, weak blow for 12 min. & died. Recovered 1100' WB and 10' mud, no water, pressures failed.
- DST #9 12,306-351 5/8" x 1" chokes, used 1080' WB, tool open 45 min., weak blow 10 min. & died. Closed and re-opened tool, few bubbles and died. Recovered WB and 10' mud, no water. BHFP-550#, SIP-425/15 min.
- DST #10 12,351-401 3/4" x 1" chokes, used 1080' WB, open 1 hr. 15 min., weak blow for 5 min. and died. Closed & re-opened tool, no bubble, recovered 1080' WB plus 2' mud, no water, BHFP-575#, SIP-2575/15 min., Hydro-5750#.
- DST #11 12,401-51 3/4" x 1" chokes, used 1080' WB, open 1 hr., weak blow for 23 min. and died. Recovered WB and 15' mud, no water, BHFP-550#, SIP-1725#/15 min., Hydro-in & out 5725#.