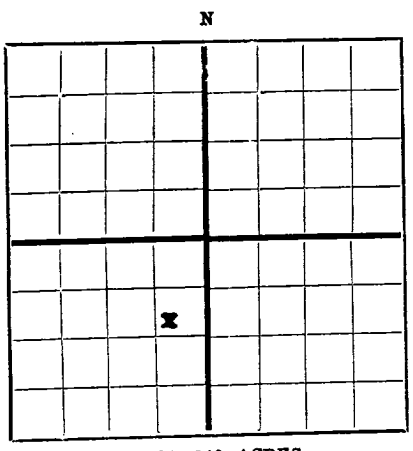
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

RECEIVED
NOV
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

OIL WELL DRILLING COMPANY (Company or Operator) P. O. Box 3466, Odessa, Texas (Address)

Thomas Long (Lease) Well No. 3 in NE SW of Sec. 11, T. 22 S

R. 37 E, N. M. P. M., Drinkard Field, Lea County.

Well is 1650 feet north of the South line and 2310 feet east of the West line of Section 11

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Thomas Long, Address Monice, New Mexico

If Government land the permittee is, Address

The Lessee is Rights Purchased from Shell Oil Co., Inc., Address Houston, Texas

Drilling commenced October 8 19 49. Drilling was completed November 12 19 49

Name of drilling contractor Own Tools, Address

Elevation above sea level at top of casing 3345.3 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 6422' to 6477' 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
13-3/8"	48#	8	National	275'	Howco Texas Pattern		None		Surface Casing
8-5/8"	28#	8	Youngstown	2782'	Howco Guide Shoe & Float Collar		None		Salt String
5 1/2"	14-15½-17	8	National	6411'	Howco Guide Shoe & Float Collar		None		Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	290'	300	Plug	?	?
11"	8-5/8	2796'	1250	Plug	?	?
7-7/8	5-1/2	6422'	600	Plug	?	?

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth Set

Adapters — Material None Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Mud Acid	500 Gal	11/19/49	6425-6477	
		15% SLF Acid	2000 Gal	11/21/49	6425-6477	

Results of shooting or chemical treatment 1st Treatment: Formation received acid @ 1700# and completed @ 1700#; well came in without swabbing and flowed 7½ Bbls hr for 24 hours. 2nd Treatment: Formation received acid @ 0#, completed @ 500#; swabbed well in and it flowed average of 15.58 Bbls per hr on 12 hour test.

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 6477 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing November 21, 19 49

The production of the first 24 hours was 374 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be. 40.3 (Corrected to 60°)

If gas well, cu. ft. per 24 hours 280.5 M Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2150

EMPLOYEES

Don L. Johnston, Driller J. M. Darnell, Driller

Howard McAdams, Driller Ben F. Littrell, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 26th day of November, 19 49

Joyce L Parker
Notary Public

My Commission expires June 1, 1951

Odessa, Texas (Place) November 26, 1949 (Date)

Name G. E. Scott

Position Drilling Superintendent

Representing OIL WELL DRILLING COMPANY (Owner) (Company or Operator)

Address P. O. Box 3466, Odessa, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	170	170	Caliche and Red Bed
170	500	330	Red Bed & Shells (13-3/8" Casing Cemtd @ 290')
500	766	~~288~~ 266	Red Bed, Shells, Anhydrite & Gyp
766	1054	288	Red Bed & Shells
1054	1135	81	Anhydrite & Streaks of Salt
1135	1160	25	Anhydrite & Gyp
1160	2416	1256	Salt & Anhydrite
2416	2517	101	Anhydrite
2517	2533	16	Anhydrite & Gyp
2533	2600	67	Anhydrite & Lime
2600	2689	89	Anhydrite
2689	2719	30	Anhydrite w/ Streaks of Lime
2719	2925	206	Anhydrite (8-5/8" Casing cemented @ 2796')
2925	3990	1065	Lime
3990	4089	99	Broken Lime
4089	4194	105	Lime
4194	4265	71	Brown Lime
4265	6477	2212	Lime (5-1/2" OD Casing cemented @ 6422')

DRILL STEM TEST NO. 1
Tested from 6422' to 6450'.
Tool Open 30 Minutes.
Gas to surface in 3 minutes.
Fluid to surface in 14 minutes.
Gas flowed at rate of 250,000 Cu. Ft. per Day (Est.)
Closed in pressure 2300 Lbs.
Recovered 660' Pipe Line Oil.

DRILL STEM TEST NO. 2
Tested from 6425' to 6477'.
Tool Open 1 Hr 20 Min.
Gas to surface in 3 minutes.
Fluid to surface in 1 Hr 9 Min.
Recovered 1000' Oil and 90' Oil Cut Mud.
Closed in pressure 2150#.

NOTE: Above depth measurements, as well as those on front hereof, were taken from top of rotary table drive bushing, the elevation of which was 3358.2'.