

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED

JUN 25 1951

OIL CONSERVATION COMMISSION
HOBBS OFFICE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Stanolind Oil and Gas Company

J. W. Grizzell

Company or Operator SW/4 Lease 22-S
Well No. 37-E in Drinkard of Sec. Lea, T. 4620
N. M. P. M., 3300 Field, Section 5 County.
Well is 4620 feet south of the North line and 3300 feet west of the East line of
If State land the oil and gas lease is No. J. W. Grizzell Assignment No. Eunice, N. Mex.
If patented land the owner is J. W. Grizzell, Address Box 591; Tulsa, Okla.
If Government land the permittee is Stanolind Oil and Gas Company, Address Box 591; Tulsa, Okla.
The Lessee is April 4 51, Address May 27 51
Drilling commenced 19 Drilling was completed 19
Name of drilling contractor Clay & Gackle Contracting Co. 1804 Fair Bldg.,
Address D.F. 3437 Ft. Worth 2, Texas
Elevation above sea level at top of casing 3430 feet.
The information given is to be kept confidential until Not confidential 19 51

OIL SANDS OR ZONES

No. 1, from 5115 to 5260 No. 4, from 6495 to 6565
No. 2, from 6495 to 6565 No. 5, from 6495 to 6565
No. 3, from 6495 to 6565 No. 6, from 6495 to 6565

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 6495 to 6565 feet.
No. 2, from 6495 to 6565 feet.
No. 3, from 6495 to 6565 feet.
No. 4, from 6495 to 6565 feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
12-1/2	30	8		264	Texas	Pattern		
9-1/4	32	8		1256	"			
7"	24	10		3573	"			
5"	15	8		3095				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	12 1/2"	264				
	9 1/4"	1256				
	7"	3573				
6 1/2"	5"	3400-6494	300	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% Reg. Acid	7000 Gal.	6-3-51	6495-6565	

Results of shooting or chemical treatment After recovering all load oil & acid residue, the well flowed 130 BO on a 24-hour test on June 7, 1951.

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 3573 feet to 6565* feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to producing June 7 51
The production of the first 24 hours was 130 barrels of fluid of which 99.7 % was oil; 0.3 % was water; and 0.3 % sediment. Gravity, Be
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

R. P. Hayslip Driller J. W. Dyer Driller
C. L. Edwards Driller 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 22ndday of June, 19 51

Notary Public

My Commission expires

Hobbs, New Mexico - June 22, 1951

Place Date
Name K. P. Hayslip
Position Field Superintendent

Representing Stanolind Oil and Gas Company

Company or Operator, Box "F"; Hobbs, New Mexico
Address

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>Drill Stem Test No. 1 (5114-5276')</u> : Tool open 3 hours 15 minutes, medium blow air to surface immediately, weak at end of test, recovered 360' slightly gas and oil cut mud, 420' slightly gas, oil, and salt water cut mud, 1440' slightly gas & oil cut sulphur water. Bottom hole Flowing Pressure - 975 psi; 15-minute bottom hole shut-in pressure - 1550 psi.			
<u>Drill Stem Test No. 2 (6365-6483')</u> : Tool open 3 hours, weak blow air to surface immediately, gas to surface in 15 minutes, maximum rate at end of test 45 MCF per day, reversed out 250' gas cut mud, and recovered 30' mud below circulating sub. No oil shows obtained. Bottom hole flowing pressure - 495 psi; 15-minute bottom hole shut-in pressure not obtained.			
<u>Drill Stem Test No. 3 (6479-6565')</u> : Tool open 3-1/2 hours, strong blow air to surface immediately. Gas to surface in 10 minutes. Maximum flow rate - 45 MCF per day. Reversed out 1500' clean oil, 450' heavily oil and gas cut mud. Recovered 300' heavily oil and gas cut mud below circulating sub. Bottom hole flowing pressure - 500 psi; 15-minute bottom hole shut-in pressure - 1750 psi.			

FORMATION RECORD

3770'	3800'	30'	Sand and dolomite.
3800'	4400'	600'	Dolomite.
4400'	5100'	700'	Dolomite, lime & chert.
5100'	5230'	130'	Sand & dolomite.
5230'	5430'	200'	Dolomite.
5430'	5580'	150'	Sand, dolomite and pyrite.
5580'	6100'	520'	Dolomite.
6100'	6300'	200'	Sand & dolomite.
6300'	6500'	200'	Dolomite.
6500'	6565'	65'	Lime & dolomite.

FORMATION TOPS FROM SCHEUMBERGER LOGS

D.F. Elev.	3437'		
Top San Andres	3790'		Tentative sample top (-353)
Top Glorieta	5097'		Electric log top (-1660)
Top Tubbs	6088'		Electric log top (-2651)

*Well was deepened from Penrose-Skelly Field to Drinkard Field.