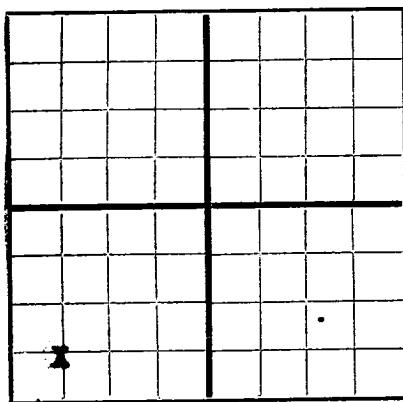


MAR 15 1951

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
HOLES OFFICE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Continental Oil Company
Company or Operator
J. H. Nolan
Lease
Well No. 1 in SW/4 of Sec. 11, T. 21S
R. 37E, N. M. P. M., Wildcat Field, Lea County.
Well is 4620 feet south of the North line and 4620 feet west of the East line of Section 11
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is J. H. Nolan Address
The Lessee is Continental Oil Company Address Ponca City, Okla.
Drilling commenced July 15 1950 Drilling was completed August 24 1950
Name of drilling contractor E. F. Moran, Inc. Address Tulsa, Oklahoma
Elevation above sea level at top of casing 3423 (BP) feet.
The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 6522 to 6589 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
10 3/4"	29	SW	Armco	200					
10 3/4"	32.75	SR		55	Guide				
7 5/8"	26.40	SR		3106	Guide & Float Collar				
5 1/2"	15.5	SR		6755	Guide & Float Collar		6530	6642	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4"	10 3/4"	269	225	Pump & plug		
9 5/8"	7 5/8"	3069	204.0	Pump & plug		
7 5/8"	5 1/2"	6699	358	Pump & 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
		Acid	500	9-2-50	6630-6642	
		"	1500	9-4-50	6612-6623	
		"	1500	9-7-50	6596-6605	
		"	1500	9-11-50	6572-6587	
		"	9000	9-13-50	6530-6560	

Pumped 40 barrels oil, no water, in 24 hours thru perforations 6530' to 6587'.
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 7523 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing October 15, 1950
The production of the first 24 hours was 40 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be. 30°
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

W. A. Webb Driller S. H. Breland Driller
H. D. Wilson 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

day of March 14, 1951

J. P. Woburne
Notary Public

Hobbs, New Mexico March 14, 1951

Name D. F. Jacobs

Position Asst. District Superintendent

Representing Continental Oil Company

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1250	1250	Surface Sands & Red Bed
1250	1300	50	Anhydrite & Shale
1300	2400	1100	No samples
2400	2420	20	Shale & Salt
2420	2700	280	Anhydrite & Shale
2700	3070	370	Dolomite, Anhydrite & Shale
3070	3130	60	Dolomite, Anhydrite & Sand
3130	3200	70	Dolomite & Anhydrite
3200	3900	700	No samples
3900	4200	300	Dolomite
4200	4900	700	No samples
4900	4940	40	Dolomite
4940	5260	320	Lime & Dolomite
5260	6070	810	Dolomite
6070	6100	30	Dolomite & Sand
6100	6160	60	Dolomite
6160	6270	110	Dolomite & Sand
6270	6600	330	Dolomite
6600	6660	60	Lime & Dolomite
6660	6690	30	Dolomite
6690	6715	25	Lime & Dolomite
6715	6800	85	Lime, Dolomite & Shale
6800	6820	20	Lime, Anhydrite & Shale
6820	6860	40	Lime, Dolomite & Shale
6860	6910	50	Lime & Dolomite
6910	6990	80	Dolomite
6990	7035	45	Lime, Dolomite & Shale
7035	7080	45	Dolomite
7080	7220	140	Lime & Dolomite
7220	7400	180	Dolomite
7400	7523	123	Lime & Shale
7523	Total depth		

DRILL STEM TESTS

DST #1 from 6591' to 6654'. Tool open 1 hour. Gas to surface in 8 minutes. Recovered 255' oil and gas cut mud, no water or free oil.

DST #2 from 6654' to 6712'. Tool open 1 hour. Slight blow air throughout. Recovered 15' mud, no oil, gas, or water.

DST #3 from 6540' to 6712. Tool open 1 hour. Gas to surface in 15 minutes, light blow throughout. Recovered 550' oil cut mud, no water or free oil. Gas volume TSTM.

DST #4 from 7280' to 7432'. Tool open 5 hours. Light blow air 2 hours 20 minutes. Recovered 80' oil and gas cut mud, no free oil.

DEVIATION SURVEY

Depth	Deviation
1325	1/2
2100	1/4
2600	1
2800	3/4
3350	1/2
3600	3/4
3740	1/2
4070	1/2
4930	1/2
5250	1/2
5685	1
5825	1
6100	1/2
6110	1/2
6995	0
7225	3/4