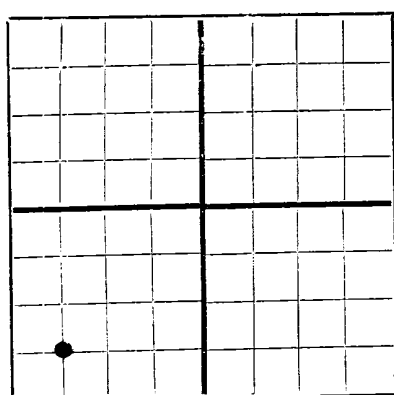
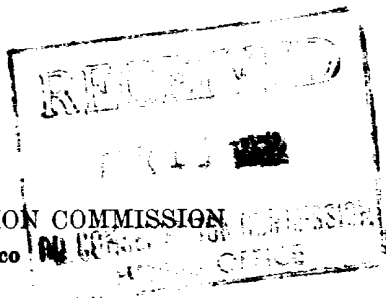


N

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW 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.

Great Western Drilling Company

P. O. Box 191, Lubbock, Texas

Company or Operator

Address

Lea State "20"

Well No. 1

in W/2 of SW/4 of Sec. 20

T. 11 S

Lease

R. 38 E, 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 Sec. 20

If State land the oil and gas lease is No. E 5201 Assignment No.

If patented land the owner is, Address.

If Government land the permittee is, Address.

The Lessee is Magnolia Petroleum Company, Address Box 900, Dallas, Texas

Drilling commenced January 21, 1952 Drilling was completed March 26, 1952

Name of drilling contractor Great Western Drilling Company, Address Box 191, Lubbock, Texas

Elevation above sea level at top of casing 3918 feet.

The information given is to be kept confidential until Not confidential 19.

OIL SANDS OR ZONES

No. 1. from None to 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. Note: Following are DST's

No. 1. from 10,624 to 10,645 feet. 3000' salt water
No. 2. from 9,932 to 10,064 feet. 1020' salt water
No. 3. from 9,847 to 9,905 feet. 6547' sulphur water
No. 4. from 9,795 to 9,825 feet. 7175' sulphur water

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"				350					
8-5/8"				4426					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	13-3/8	350'	400	Pump & Plug		
	8-5/8	4426'	2500	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

Results of shooting or chemical treatment. Washed w/mud acid from 9775' to 10,060'

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 11,801 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 19.
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % 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

J. O. Ellard, Driller L. W. Cole, Driller
P. G. Murph, 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 11th

Lubbock, Texas April 11, 1952

day of April, 1952

Name M. B. Miles

Position Engineer

Representing Great Western Drilling Co.

Company or Operator

My Commission expires 6-1-53

Address P. O. Box 191, Lubbock, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
10,336	11,360	1024	Lower Pennsylvanian, lime & shale
11,360	11,700	340	Bend sand & shale
11,700	11,801	101	Mississippian lime

Note: This well was originally drilled to 10,336' and plugged. Great Western Drilling Company, deepened the well from 10,336' to 11,801'. This report covers the deepening activities

DRILL STEM TESTS

1. 10,624 - 10,645; op 2 hrs. Fair-medium blow immediately, increasing to strong blow after 5 minutes, & lasting throughout test. Recovered 1800' WB / 200' GCWB / 3000' sl. GCSW. IFP 875#; FFP 2075#; 15 min SIP 3825#; HP 5275#.
2. PB to 10,064'; DST 9932 - 10,064; 1500' W.B. Op 1 hr 5 min., shut in 15 min. Good blow air throughout test. Rec. W.B. / 360' salty acid water and 1020' salt water. FP 0-1375#; SIP 3800#; HP 4975#.
3. PB to 9905'; DST 9847 - 9905; 1500' W.B. Open 1 hr., shut in 15 min. Good blow air throughout test. Rec. W.B. / 6547' sulphur water. IFP 1625#; FFP 3625#; SIP 3875#; HP 5100#.
4. PB to 9825'; DST 9795' to 9825'; 1000' W.B.; Open 1 hr., SI 15 min. Good blow air throughout test. Recovered W.B. / 7175' sl. GC sulphur water. IFP 1250; FFP 3700; SIP 3825; H.H. 4425.