

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Humble Oil &amp; Refining Company

Houston, Texas

N.M.State "K"

Company or Operator

SW/4 of NE/4

Address

Well No. 18

in

of Sec. 32

T. 17-S

Lease 35-K

N. M. P. M. Vacuna

Field, Lea

County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of Sec. 32

If State land the oil and gas lease is No. 24241 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Humble Oil &amp; Refining Company Address Houston, Texas

Drilling commenced 3-14 1940 Drilling was completed 4-3 1940

Name of drilling contractor Co. Rig #138 Address Hobbs, N.M.

Elevation above sea level at top of casing 3967 feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 4376 to 4650 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	35.75	8	LW	247'10"	Shop made casing shoe			
7 5/8	28.40	8	LW	1530'2"	Halliburton			
5 1/2	19	8	LW	4122'6"	"			
2"	4.70	8	SS	4591'				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	10 3/4	861'10"	150	Halliburton		17 1/2 tons
9 7/8	7 5/8	1545'2"	400	"		
6 3/4	5 1/2	4133'6"	225	"		
6 1/4	2" Tbg.	4605'				

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF ~~XXXXXXXXXX~~ CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Hall-NonEmul-sifying acid	2,000 gal.	4/8/40	4300-4650	Same

Results of ~~XXXXXX~~ On 6 hr. test, thru 7/8" choke, well flowed 75 bbls oil, 5/10 of 1% BS&W. Gravity 38.3 at 60°

## SEE ATTACHMENT

## 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 4650 feet, and from feet to feet

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

## PRODUCTION

Put to producing 4/16 1940

The production of the first 24 hours was 75 barrels of fluid of which 99 5/10 % was oil; 5/10 of 1% BS&amp;W emulsion; % water; and % sediment. Gravity, Be 38.3 at 60°

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

K.C. Langston-R. Andrews

Driller

M.L. Prichard

Driller

C.H. Oberg C.R. Cherry

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 23rd

Midland, Texas

April 23, 1940

Place

Date

day of April 19 40

Name *W. M. Ferguson*

Position Division Superintendent

Representing Humble Oil &amp; Refining Company

Company or Operator

Box 1600, Midland, Texas

My Commission expires 6-1-41

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1	70	70	Caliche
70	235	165	Surface sand & gravel
235	1100	865	Red Bed
1100	1500	400	Red bed strks sand & red rock
1500	1515	15	Red Bed
1515	1645	130	Anhydrite
1645	1785	140	Anhy. & strks.salt
1785	2479	694	Salt, Strks anhydrite
2479	2535	56	Anhydrite
2535	2722	187	Salt Strks anhy.
2722	2877	155	Anhydrite-strks salt
2877	3020	143	Anhydrite
3020	3036	16	Yates sand
3036	3905	869	Anhydrite
3905	4380	475	Lime
4380	4468	88	Lime-broken
4468	4650 TD	182	Lime

Orig: N.M.State Oil Conservation Commission  
 cc: Mr. J.W.House  
 cc: Mr. J.B.Carney  
 Orig: Mr. R.E.Sinclair  
 cc: Mr. J.I.Riddle  
 cc: File