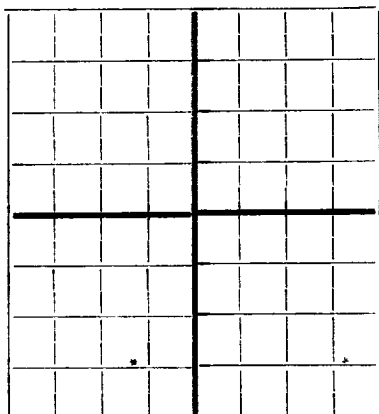
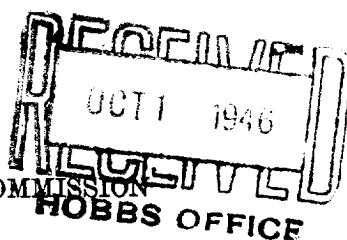


N

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.

Humble Oil & Refining Co. Box # 2180, Houston, Texas.
Company or Operator F.F. Hardison Well No. B-4 in Sec. 34 T. -21-S
Lease R.-37-E, N. M. P. M., Drinkard Field, Lea, New Mexico County.
Well is 660 feet south of the North line and 1980 feet west of the East line of Sec. 34
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, Address.
The Lessee is F. F. Hardison, Address. Eunice, New Mexico
Drilling commenced 7/24/46 19. Drilling was completed 8/30/46 19.
Name of drilling contractor Rowan Drilling Co., Address. Tulsa, Okla.
Elevation above sea level at top of casing 3402 feet.
The information given is to be kept confidential until None 19.

OIL SANDS OR ZONES

No. 1, from 1160 to Any. No. 4, from 5110 to San Angelo
No. 2, from 2390 to Base Salt No. 5, from 5520 to Clear Fork
No. 3, from 2545 to Yates No. 6, from 6030 to Tubb

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		PURPOSE
							FROM	TO	
10-3/4"	40.48	8-R	A	350	Hall.				
7-5/8"	26.40	8-R	S-80	2755	Hall.				
5-1/2"	14.00	8-R	S-80	6570	Hall		6448	6577	Pay Zone

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13-5/8	10-5/8	566	250	Hall.		
9-5/8	7-5/8	2803	1175	Hall.		
8-3/4	5-1/2	400 (Set at 6583)		Hall.		None

PLUGS AND ADAPTERS

Heaving plug—Material. None 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
		Chem Proc 15%	3,000	9/4/46	6577'	Swabbed.

Results of shooting or chemical treatment. Satisfactory

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 6584 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing 9/10/46, 19.
The production of the first 24 hours was 642 barrels of fluid of which P.L.O. % was oil; %
emulsion; % water; and % sediment. Gravity, Be. 37.8
If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. Csg. 610# Tubing Pressure 220#

EMPLOYEES

J. H. Bowen, Driller J. M. Hale, Driller
J. F. Weir, 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 30th

day of Sept. 1946

Midland, Texas Sept. 30, 1946

Name. [Signature]

Position. Deviation Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50		Caliche
50	136		Red Rock & Shells
136	988		Red Bed. Shale & Shells
988	1140		Red Rock & Shells
1140	1168		Red Bed Shells, Anhy. & Red Bed.
1168	1537		Red Bed. & Slat.
1537	2388		Salt & Anhy.
2388	2472		Anhy.
2472	3367		Anhy.
3367	3409		Anhy Gyp, & Lime
3409	3480		Anhy & Gyp
3480	Anhy. (3520)		Anhy.
3520	3612		Anhy. Gyp & Shale
3612	3808		Anhy & Lime
3808	4935		Lime & Shale
4935	4955		Lime
4955	5000		Lime & Shale
5000	5358		Lime
5358	5420		Lime & Shale
5420	6584		Lime
6584			Total Depth.