

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

HILL & MENKER

(Company or Operator)

STATE 36

(Lease)

Well No. One, in NW 1/4 of NW 1/4 of Sec. 36, T. 26S, R. 32E, NMPM.

Wilcoat

Pool,

Lea

County.

Well is 330 feet from North line and 330 feet from West line

of Section 36. If State Land the Oil and Gas Lease No. is 5-3322

Drilling Commenced February 19, 1959, 19. Drilling was Completed March 1st, 1959, 19.

Name of Drilling Contractor Tom Brown Drilling Company

Address Midland National Bank Building, Midland, Texas.

Elevation above sea level at Top of Tubing Head 3101. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 4582 to 4628 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24#	New	923	Hall.			Cem. circulated
4 1/2	9.5#	"	4691.59	Larkin		4609-19	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8	950	350 -24 HA5	Pump&Plug	9.6	100 sx Gal
6 3/4	4 1/2	4692	225 rog 25 Latex	"	10	75 sx Gal, 50 sx starch

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforated casing, ran tubing, spotted 250 gal acid down tubing, set packer, broke down formation with acid, then fraced with 1000 gal ref. oil & 1000# sand Interval treated was 4609-19 Kelly Bushing

Result of Production Stimulation Well flowed frac & load oil back in 3 hrs (52 bbls) on 32/64 choke. Flowed 24 hrs 14/64 TP 800#, prod. 192 bbls oil, 1% BSec.

Depth Cleaned Out

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 4692 feet, and from feet to feet.
 Cable tools were used from 9501 feet to 4578 feet, and from feet to feet.
 Drilled w/ mud to 9501, w/ air to 4578, cored to TD

PRODUCTION

Put to Producing March 10, 1959, 19.
 OIL WELL: The production during the first 24 hours was 192 bbls barrels of liquid of which 99 % was
 was oil; ONE% % was emulsion; - % water; and - % was sediment. A.P.I.
 Gravity 41.2 @ 60 deg. Gas Oil Ratio 414/1 14/64 choke TP 600#
 CP Packer
 GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
 liquid Hydrocarbon. Shut in Pressure lbs.
 Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. Rustler 535'		T. Devonian	T. Ojo Alamo
T. Salt 935		T. Silurian	T. Kirtland-Fruitland
B. Salt 4320		T. Montoya	T. Farmington
T. Yates Lamar 4543		T. Simpson	T. Pictured Cliffs
T. 7 Rivers Del.Sd. 4575		T. McKee	T. Menefee
T. Queen		T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash.	T. Mancos
T. San Andres		T. Granite	T. Dakota
T. Glorieta		T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. Tubbs		T.	T.
T. Abo		T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	105	105	Caliche-Surf.sands	Drill Stem Test #1 4578-93. Open 1 1/2 hours. Good blow throughout test. Gas to surface in 2 minutes, oil in 47 minutes. Flowed estimated 3 to 5 bphr. IF 250# FF 300#. Hyd. In. 2390#, Out 2340# Initial S.I. 2160, 20 min PSI 1980# Rec. 360# O&GCM - no water. Cored from 4578 to 4692 (Total Depth)			
105	535	430	Sand, Shale & Gravel				
535	790	255	Anhydrite				
790	925	135	Shale-Gravel				
925	2650	1725	Salt-Anhydrite				
2650	3100	450	Anhydrite				
3100	3435	335	Salt				
3435	3755	320	Anhydrite				
3755	3925	170	Salt				
3925	4025	100	Anhydrite				
4025	4320	295	Salt Base-4320'				
4320	4543	223	Anhydrite				
4543	4575	32	Shale				
4575	4692	117	Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company or Operator HILL & MEEKER Address 140 Central Bldg. Midland, Texas.
 Name J. T. Hiller Position Title Production Supt.
 Date 3-17-59