



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

1964 FEB 28 PM 4:17

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

ERNEST A. HANSON (Company or Operator) Mescalero Ridge Unit (Lease)
Well No. 4-35, in SW 1/4 of NE 1/4, of Sec. 35, T. 19-S, R. 34-E, NMPM.
Pearl Queen Pool, Lea County.
Well is 1980 feet from North line and 1980 feet from East line of Section 35. If State Land the Oil and Gas Lease No. is
Drilling Commenced February 21, 1964 Drilling was Completed March 10, 1964
Name of Drilling Contractor Leatherwood Drilling Co.
Address Kermit, Texas
Elevation above sea level at Top of Tubing Head 3715' The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 4579 to 4590 No. 4, from 4842 to 4847
No. 2, from 4616 to 4620 No. 5, from 5087 to 5093
No. 3, from 4717 to 4719 No. 6, from 5184 to 5190

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	23	New	218	Float			Water string
5-1/2	15-1/2	Used	5200	Float		4579-5190	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4	8-5/8	218	100	Pump & plug		Cement circulated
7-7/8	5-1/2	5200	350	Pump & plug		T. of cement @ 3200'

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 1 - 0.41 jet/ft. @ 4579-80, 4582-83, 4587-88, 4590, 4616-20, 4717-19, 4842-47, 5087-93 & 5184-90'
Treated w/600 gals. acetic acid & 1250 gals. reg. acid. Frac. w/67,822 gals. lease oil & 45,500 lbs. sand. All zones treated limited entry between HOWCO straddle packers.
Result of Production Stimulation IPF; 118 BO & 2 BWPD
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 5200 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 15, 1964
OIL WELL: The production during the first 24 hours was 120 barrels of liquid of which 98% was oil; % was emulsion; 2% water; and % was sediment. A.P.I. Gravity 36
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.	1792		T. Devonian		T. Ojo Alamo
T. Salt	1918		T. Silurian		T. Kirtland-Fruitland
B. Salt	3356		T. Montoya		T. Farmington
T. Yates	3564		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	4543		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T. Penrose	4885	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	1792	1792	Red beds				
1792	1918	126	Anhydrite				
1918	3356	1438	Salt				
3356	4543	1187	Dolomite & sand stringers				
4543	5190	647	Sand & dolomite				
5190	5200	10	Dolomite				
			TD 5200'				

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.

March 23, 1964
Company or Operator ERNEST A. HANSON Address P. O. Box 1515, Roswell, New Mexico
Name Harry P. Hanson Position Title Geologist