

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILL	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRORATION OFFICE	
OPERATOR	

Checked 7/  
(Form C)

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

Ernest A. Hansen

(Company or Operator)

Mescalero Ridge Unit

(Lease)

Well No. 2-35, in NW 1/4 of SE 1/4, of Sec. 35, T. 19-South, R. 34-East, NMPM.

Pearl Queen

Pool,

Lea

County.

Well is 1980 feet from South line and 1980 feet from East line

of Section 35. If State Land the Oil and Gas Lease No. \_\_\_\_\_

Drilling Commenced Jan. 11, 1964 Drilling was Completed Jan. 29, 1964

Name of Drilling Contractor Leatherwood Drilling Co.

Address Kermit, Texas

Elevation above sea level at Top of Tubing Head 3705 The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from 3985 to 3999	No. 4, from 4857 to 4866
No. 2, from 4583 to 4598	No. 5, from 4980 to 4998
No. 3, from 4719 to 4725	No. 6, from 5204 to 5220

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	214	Guide			Surface
5-1/2	15 1/2	Used	5268	Floot		3985-5219	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	214	125	Pump & plug	34	Circ. cement
7-7/8	5-1/2	5268	350	Pump & plug	70	Break circ.

RECORD OF PRODUCTION AND STIMULATION

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

\*See accompanying page.

Result of Production Stimulation After load oil rec., well swabbed 77 BO & 63 BW in 8 hrs.

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 5268 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Feb. 12 64, 1964  
OIL WELL: The production during the first 24 hours was 420 barrels of liquid of which 55 % was  
was oil; % was emulsion; 45 % water; and % was sediment. A.P.I.  
Gravity 38  
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.	1772		T. Devonian		T. Ojo Alamo
T. Salt.	1895		T. Silurian		T. Kirtland-Fruitland
B. Salt.	3370		T. Montoya		T. Farmington
T. Yates.	3603		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	4550		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. Penrose	4900	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	1772	1772	Red beds				
1772	1895	123	Anhydrite				
1895	3370	1475	Salt				
3370	3606	233	Anhydrite & dolomite				
3603	4550	947	Dolomite & sand				
4550	5268	718	Sand, shale & dolomite				
	5268		T.D.				
	5150		P.B.T.D.				

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 Ernest A. Hanson  
Name Harry F. Schuman  
Address P. O. Box 1515, Roswell, New Mexico  
Position or Title Geologist  
2-22-64 (Date)

## RECORD OF PRODUCTION AND STIMULATION

Ernest A. Hanson - #2-35 Mescalero Ridge Unit  
1980' FSL & FEL  
Sec. 35, T. 19 S., R. 34 E., N.M.P.M.  
Lea County, New Mexico

---

Perf. 5206, 5208, 5213-14, 5216, 5218-19' Acidized w/1,000 gals. mud acid. Rec. part of load and trace of sulf. water.

Set HOWCO wireline Bridge Plug @ 5150'.

Perf. 3986-92' Acidized w/500 gals. acid and frac. w/20,000 gals. lease oil and 16,500 lbs. sand. Rec. load oil. Swabbed 42 BNO & 38 BXWPD. (This zone will not be produced either dually or comingled because of low I.P.)

The remaining reservoirs were treated limited entry between HOWCO type HM straddle packers at one setting:

Perf. 4585-90' Acidized w/500 gals. acid and frac. w/24,600 gals. lease oil and 20,000 lbs. sand.

Perf. 4722-24' Acidized w/250 gals. acid and frac. w/10,000 gals. lease oil and 6,500 lbs. sand.

Perf. 4859-60, 4862, 4865' Acidized w/1,000 gals. acid and frac. w/10,000 gals. lease oil and 7,000 lbs. sand.

Perf. 4984-87, 4995-97' Acidized w/250 gals. acid and frac. w/20,400 gals. lease oil and 16,000 lbs. sand.

Tubing was run to 4583' with a Guiberson Type KV-8 production packer set at 4025'. All producing Queen Formation reservoirs between 4585 to 4997 feet have been isolated.