

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

O. H. Randel, Box 88, Carlsbad, New Mexico, State.
(Company or Operator) (Lease)Well No. 3, in SE 1/4 of NE 1/4, of Sec. 2, T. 17S, R. 30E, NMPM.
Square Lake Pool, Eddy. County.Well is 1980 feet from S of North line and 660 feet from W of East line
of Section 2. If State Land the Oil and Gas Lease No. is B-2130

Drilling Commenced August 26th, 1954 Drilling was Completed November, 1953

Name of Drilling Contractor O. H. Randel.

Address Box 88, Carlsbad, N. M.

Elevation above sea level at Top of Tubing Head. The information given is to be kept confidential until
19.OIL SANDS OR ZONES
Broken pay section.

No. 1, from 2921 to 3065 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 565 to 575 About 3 or 4 barrells per day top of salt

No. 2, from 2340 to 2355 Water cameup feet in hole about 400 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 1/4"	28	Used	550'	T P			
7"	20	New	2450'	T P			
5 1/2"	17	Used	250'	Liner.			

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	8 1/4	550	50			
8 1/4	7	2450	100			

RECORD OF PRODUCTION AND STIMULATION

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

Well shot from 2908' to 3070' with 430 quarts Nitro-Glycerin. First pay section was encountered at 2921 feet and there was mor or less little broken pay sections from the above point to 3065 feet, none of them real good, however, sample analysis showed some saturation in all soft streaks, yard and one half gravel was used on top and hole filled to surface with oil.

Result of Production Stimulation

Well cleaned out a flowed once a day about 40 barrells each head thru pipe.

Depth Cleaned Out 3070 T. D.

ORD OF DRILL-STEM AND SPECIAL TF

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.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....0.....feet to.....3070.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....November....., 19.....43
OIL WELL: The production during the first 24 hours was.....40.....barrels of liquid of which.....40.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....35.....
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.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	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	4	4	Sand.				1
4	8	4	Gyp				
8	412	404	Red Rock.				1
412	499	87	Anhydrite.				2
499	550	51	Red Rock.				
550	560	10	Anhydrite.				
560	575	15	Red Rock.				
575	1300	725	Salt and Ahhydrite.				1 ✓
1300	1800	500	Anhydrite and Red Rock.				Bureau of Mines 1
1800	1850	50	Anhydrite.				
1850	2175	325	Anhydrite and red rock.				
2175	2400	225	anhydrite and red rock XXXXXXXXXXXXIME.				
2400	2525	125	Anhydrite, red rock and brown lime				
2525	2765	240	Anhydrite, red broken lime.				
2765	2921	154	Lime.				
2425	3065	148	Sand Oil, Gas and Broken Lime and sand carrying oil Stains.				
3065	3070	5	Sandy Lime				

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.

Copy.....5-12/54.....(Date)

Company or Operator.....O. H. Randel.....Address.....Box 88, Carlsbad, N. M.
Name.....Operator.....Position or Title.....Operator