DUPLICATE

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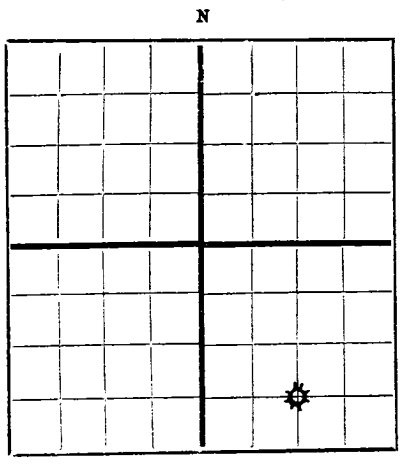
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW 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.

Skelly Oil Company (Company or Operator) Tulsa, Oklahoma (Address)

Mexico "E" (Lease) Well No. 1 in SE/4 of Sec. 2, T. 23S

R. 36E, N. M. P. M., Langlie-Mattix Field, Lea County.

Well is 4620 feet south of the North line and 1320 feet west of the East line of Sec. 2-23S-36E

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 Skelly Oil Company, Address Tulsa, Oklahoma

Drilling commenced August 30 1950. Drilling was completed Sept. 20 1950

Name of drilling contractor Makin Drilling Company, Address Hobbs, New Mexico

Elevation above sea level at top of casing 3443' feet.

The information given is to be kept confidential until 19

Gas ~~OIL~~ SANDS OR ZONES

No. 1, from 3095' to 3500' 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
9-5/8"	36#	8R	Nat'l.	1310	Float				
7"	20#	8R	Youngs-town	2921	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12¼"	9-5/8"	1318'	500	Halliburton		
8-5/4"	7"	2900'	300	"		

PLUGS AND ADAPTERS

Heaving plug—Material 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

Results of shooting or chemical treatment

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 3500 feet, and from feet to feet

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

PRODUCTION

Put to producing See Remarks, 19

The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours 27,800 MCF Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1000# SI Pres.

EMPLOYEES

L. C. Guest, Driller S. H. Breland, Driller

T. N. Smith, Driller , 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 2nd. day of November, 19 50

Hobbs, New Mexico (Place) October 30, 1950 (Date)

Name

Position Dist. Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	105	105	Red Bed
105	575	470	Red Bed & Shells
575	750	175	Red Bed
750	836	86	Red Bed Streaks & Sand
836	867	31	Red Rock
867	965	98	Shale w/ Streaks of Sand
965	1000	35	Red Bed
1000	1070	70	Red Bed
1070	1165	95	Shale w/ Streaks Red Rock
1165	1261	96	Red Rock
1261	1310	49	Red Rock w/ Streaks Shale
1310	1325	15	Anhydrite, Top Anhydrite 1310' - Samples.
1325	1318	7	SLM Correction
1318	1395	77	Anhydrite
1395	1675	280	Salt
1675	1905	230	Salt & Shells Streaks
1905	2045	140	Salt Streaks & Shells
2045	2268	223	Salt & Shells
2268	2365	97	Salt w/ Streaks Shells
2365	2615	250	Anhydrite w/ Streaks Salt
2615	2750	135	Salt, Potash w/ Streaks Shells
2750	2760	10	Salt w/ Streaks Potash
2760	2869	109	Lime w/ Streaks Potash & Salt
2869	2883	14	Lime w/ Streaks Gypsum, Base Salt 2880' - Spls.
2883	2900	17	Lime & Gypsum
2900	2918	18	Gray Lime w/ Streaks Anhydrite
2918	2974	56	Sand, Lime, & Anhydrite
2974	3026	52	Lime - Top Yates 2980' - Samples.
3026	3050	24	Lime w/ Streaks Anhydrite
3050	3117	67	Lime - Top "Lime" 3095' - Samples.
3117	3156	39	Sandy Lime
3156	3190	34	Sandy Lime w/ Streaks Anhydrite
3190	3245	55	Sandy Lime
3245	3278	33	Lime
3278	3313	35	Sandy Lime
3313	3500	187	Lime
	TD 3500		Reached Total Depth 9-18-50.
			After flowing for 12 hrs., gas tested at the rate of 27,800 MCF/day. 12-hr. shut-in pressure 1000#.
			Well completed as gas well September 22, 1950. Connection has not been made for the sale of gas as of this date (10-30-50).
			Record of Drill Stem Tests.
			<u>DST #1</u>
			T.D. 3500 Packer 2880' Anchor 620' 1" Top Opening, 5/8" BHC, Tool open 6 hrs. w/ mud & gas to surface in 1 hr. After drill pipe was cleaned of fluid & flow became stabilized, gas tested at the rate of 5,800 MCF/day. Pulled dry drill pipe. H.P. in 1500#, out 1300#, initial flowing pressure 500#, final 800#. Failed on SIP.