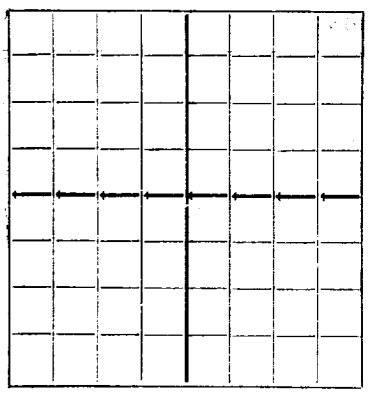
FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
AUG 5 - 1939
HOBBS OFFICE

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.

DUPLICATE

Skelly OIL Co. (Company or Operator) Tulsa, Oklahoma (Address)

State K (Lease) Well No. 2 in CNW NW of Sec. 32, T. 21S

R. 37E, N. M. P. M., Hardy Field, Lea County.

Well is 660 feet south of the North line and 660 feet west of the East line of Sec. 32 -

If State land the oil and gas lease is No. B-1257 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Skelly Oil Co., Address Tulsa, Okla.

Drilling commenced May 30, 19 39. Drilling was completed July 16, 19 39

Name of drilling contractor J. C. Clower, Address Eunice, N.M.

Elevation above sea level at top of casing 3467 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3577 to 3738' 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

OD SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
16"	70#	8	LW	126'3"	Cemented.				
13"	50#	8	LW	434'10"	(Later Pulled)				
10¾"	40#	8	LW	740'5"	"	"			
8 5/8"	32#	8	LW	1212'5"	"	"			
7" OD	24#	10	SS	3547'6"	Cemented-				
Tubing 2" EUE	4.7#	10	SS	3807'0"					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18½"	16"	132'	150	Halliburton-Circulated back into bottom cellar.		
8¼"	7"	3525'	250	Halliburton		
Tubing	2"	3780'	Swung			

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
Acidized 2000 Gal. 15%		Halliburton		7/19/39	3682-3785'.	

Results of shooting or chemical treatment Increased production from approx. 78 bbls day to 296 bbls thru choke on 2" Tubing....

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 feet to feet, and from feet to feet

Cable tools were used from top feet to 3785' feet, and from feet to feet

PRODUCTION

Put to producing July 19, 19 39

The production of the first 24 hours was 296 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Geo. Baker, Driller , Driller

J. E. Yarbro, 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 4 day of August, 19 39

Hobbs, N.M. (Place) Aug. 4, 1939 (Date)

Name J. T. Dunlavy

Position District Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	20	20	Caliche
20	116	96	Sand
116	285	169	Red Shale
285	615	330	Red Shale & Sand
615	653	38	Red & Blue Shale
653	910	257	Sandy Shale
910	955	45	Red Shale
955	975	20	Sandy Shale
975	1198	223	Red Shale
1198	1295	97	Anhydrite
1295	1301	6	Salt
1301	1517	216	Anhydrite Shale & Salt
1517	1560	43	Anhydrite & Salt
1560	1580	20	Shale, Potash & Anhydrite
1580	1625	45	Salt & Shale
1625	1670	45	Anhydrite & Potash
1670	1915	245	Anhydrite, Potash & Salt
1915	1935	20	Salt, Potash & Shale
1935	2691	756	Salt & Anhydrite
2691	2752	61	Anhydrite & Shale
[illegible]			
2752	2793	41	Anhydrite
2793	2996	203	Anhydrite, Lime & Shale
2996	3015	19	Lime
3015	3162	147	Anhydrite & Lime
3162	3192	30	Blue Shale
3192	3431	239	Anhydrite & Lime
3431	3577	146	Hard Lime
3577	3583	6	Soft Sand
3583	3643	60	Hard Lime
3643	3647	4	Soft Lime
3647	3788	138	Lime