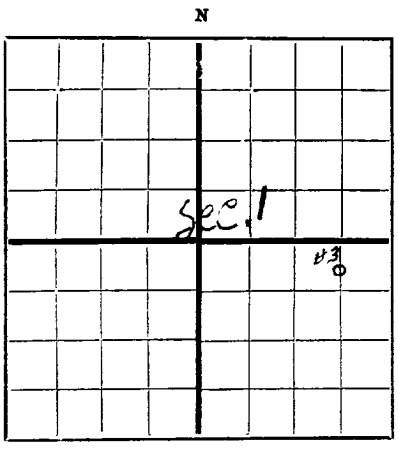
FORM C-105



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 — Tulsa, Oklahoma
Company or Operator — Address

State "D" Well No. 3 in NE/4 SE/4 of Sec. 1, T. 20S
Lease

R. 36E, N. M. P. M., Monument-Paddock Field, Lea County.

Well is 2970 feet south of the North line and 660 feet west of the East line of Section 1-20S-36E.

If State land the oil and gas lease is No. B-1330 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 May 22 1949. Drilling was completed July 19 1949

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

Elevation above sea level at top of casing 3577 feet.

The information given is to be kept confidential until ..... 19.....

OIL SANDS OR ZONES

No. 1, from 5192 to 5240 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
13-3/8"	44.5	Rd	Armco	303'8"	T.P.				
9-5/8"	36	8R	Nat'l.	2309'	Float				
5-1/2"	17	8R	Nat'l.	4910'	"				
5-1/2"	17	8R	Spang	2750'	"				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8"	324	420	Halliburton		
12-1/4	9-5/8"	2736	1500	"		
7-3/8	5-1/2"	7625	1260	"		

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
		Mud Acid	500 gals.	7-29-49	7465-7515'	
		15% Reg. Acid	2000 gals.	7-30-49	7465-7515'	
		Mud Acid	500 gals.	8-3-49	7410-7440'	
		Mud Acid	500 gals.	8-12-49	5690-5710'	

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 7625 feet, and from ... feet to ... feet

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

PRODUCTION

Put to producing August 14, 1949

The production of the first 24 hours was 266 barrels of fluid of which 98 % was oil; 2 % emulsion; Drilling fluid. % water; and ... % sediment. Gravity, Be. 39.0 Corrected.

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

Rock pressure, lbs. per sq. in. ...

EMPLOYEES

W. S. Box, Driller — V. C. Braman, Driller

V. L. Lewis, 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 26th day of October, 1949

D. R. Cheek

Hobbs, N. Mex. (Place) October 26, 1949 (Date)

Name ...

Position Dist. Supt.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	44	44	Sand & Shale
44	155	111	Red Bed & Caliche
155	324	169	Red Bed & Red Rock
324	900	576	Shale, Red Bed, & Shells
900	975	75	Shale, & Anhydrite Shells, Top Anhydrite 930'.
975	1055	80	Anhydrite & Shale
1055	1150	95	Anhydrite Shells
1150	1285	135	Salt & Shells
1285	1404	119	Anhydrite
1404	1704	300	Salt & Anhydrite
1704	1880	176	Salt & Shells
1880	2060	180	Salt & Anhydrite
2060	2280	220	Salt & Anhydrite, Base Salt 2280'.
2280	2400	120	Anhydrite & Lime, Top Yates 2390'.
2400	2445	45	Anhydrite
2445	2470	25	Lime
2470	2502	32	Anhydrite, Gypsum, & Lime
2502	2570	68	Lime & Anhydrite
2570	2615	45	Anhydrite
2615	2650	35	Anhydrite, Gypsum, & Lime
2650	2704	54	Lime & Anhydrite
2704	2785	81	Lime
2785	2786	1	SLM Correction
2786	3943	1157	Lime
3943	3990	47	Broken Lime
3990	4028	38	Lime
4028	4068	40	Broken Lime
4068	4447	379	Lime
4447	4495	58	Broken Lime
4495	5878	1383	Lime, Top Glorieta 5108'. Top Clearfork 5663'.
5878	6040	162	Broken Lime
6040	7208	1168	Lime, Top Tubbs, 6270, To Top Wichita 6869'.
7208	7204	4	SLM Correction
7204	7625	421	Lime
7625	5644	1981	Plugged Back
			PBTD - 5644'.
			After drilling to total depth of 7625' with 5½" casing set & cemented on bottom, casing was perforated 7465' to 7515' with 200 shots. Then treated through casing perforations with 500 gals. mud acid and 2000 gals. 15% regular acid and tested. Then perforated 5½" casing with 120 shots 7410 to 7440'. Set packer above lower perforated zone and treated with 500 gals. mud acid through perforations 7410 to 7440'. As commercial oil or gas production was not encountered in either of these perforated zones, set Lane-Wells bridging plug at 5786' and squeezed perforations 7410 to 7440' and 7465 to 7515'.
			Then perforated 5½" casing 5690-5710' with 80 shots and acidized with 500 gals. mud acid through perforations. As this zone did not carry oil or gas in commercial quantities, set model "K" Baker retainer at 5644' and squeezed perforations 5690-5710'.
			The 5½" casing was then perforated 5190-5220' with 120 shots and well completed in Glorieta section with an initial production of 266 bbls. of oil cut 2% drilling fluid flowing natural through various size tubing chokes.
			Well was placed on proration schedule August 14, 1949 at top allowable of 71 BOPD.