DUPLICATE

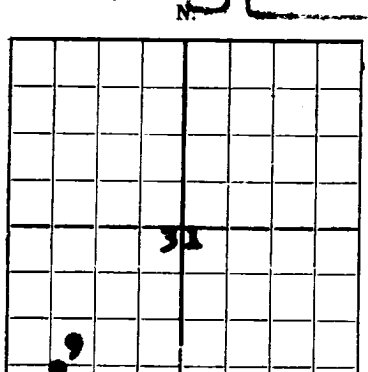
FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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.

Skelly Oil Company (Company or Operator) State "O" (Lease)

Well No. 9 in SW/4 SW/4 of Sec. 31, T. 16S

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

Well is 4620 feet south of the North line and 4465 feet west of the East line of Section 31

If State land the oil and gas lease is No. B-7896 Assignement 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 September 24, 1951. Drilling was completed December 8, 1951

Name of drilling contractor Sharp Drlg. Co., Address

Elevation above sea level ~~3622~~ 3622' D.F. feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 6051 to 6238 No. 4, from to

No. 2, from 8117 to 8440 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	Slip Joint	Armco	315					
9-5/8	36	Nat'l 8R	Nat'l	2011					Perforated 5-1/2" casing
9-5/8	40	8R	Nat'l	3124					8345-8390 w/ 180 shots,
5-1/2	17	8R	Nat'l	8500					8400-8430 w/ 120 shots,
									for production behind
									casing.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	13-3/8	315	300	Halliburton		
12-1/4	9-5/8	5135	4500	Halliburton		
7-7/8	5-1/2	8500	650	Halliburton		

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 (Dowell)	500 gals	12-8-51	8400-8430	
		Mud Acid (Dowell)	500 gals	12-10-51	8345-8390	
		15% Dowell Reg.	1250 gals	12-11-51	8345-8390	

Results of shooting or chemical treatment

Initial test after treating 700 BOPD.

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 8500 feet, and from feet to feet.

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

PRODUCTION

Put to producing December 8, 19 51

The production of the first 24 hours was 700 barrels of fluid of which 100 % was oil; 0 %

emulsion; % water; and % sediment. Gravity, ~~Bé~~ 39.2° API @ 60° F.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

A. C. Bruce, Driller Dorman Farmer, Driller

Cass Holland, Driller J. D. Moss, 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 29th day of December, 1951

Hobbs, New Mexico - December 29, 1951.
Place Date

Name

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	315	315	Sand, Caliche & Red Bed
315	1870	1555	Red Bed
1870	1910	40	Red Bed & Anhydrite
1910	2024	114	Anhydrite
2024	2050	26	Anhydrite & Chert
2050	2426	376	Anhydrite & Salt
2426	2517	91	Salt
2517	3246	729	Anhydrite & Salt - Top Yates 3026'
3246	3346	100	Anhydrite
3346	3407	61	Anhydrite & Shale
3407	3562	155	Anhydrite, Shale & Salt
3562	3635	73	Anhydrite, Gypsum & Salt
3635	3912	277	Anhydrite & Gypsum
3912	4041	129	Anhydrite, Lime & Gypsum
4041	4095	54	Anhydrite & Gypsum
4095	4118	23	Anhydrite, Lime & Gypsum
4118	4190	72	Anhydrite & Gypsum
4190	4571	381	Anhydrite & Lime
4571	4615	44	Anhydrite & Gypsum - Top San Andres 4580'
4615	5024	409	Anhydrite & Lime
5024	5057	33	Anhydrite, Lime & Gypsum
5057	5131	74	Anhydrite & Lime
5131	5284	153	Lime
5284	5300	16	Lime & Chert
5300	5304	4	Lime
5304	6765	1461	Lime & Sand - Top Glorietta 5930' (Spls.)
6765	6834	69	Lime & Shale
6834	7639	805	Lime & Sand - Top Tubbs 7485'
7639	7684	45	Lime & Shale
7684	7847	163	Lime & Sand
7847	7868	21	Lime & Shale
7868	8008	140	Lime & Sand
8008	8047	39	Lime
8047	8076	29	Lime & Sand - Top Abo 8055'
8076	8112	36	Lime & Shale
8112	8168	56	Lime
8168	8281	113	Lime & Sand
8281	8295	14	Lime & Shale
8295	8320	25	Lime & Sand
8320	8500	180	Lime & Shale
Total Depth - 8500'			