DUPLICATE

FORM C-105

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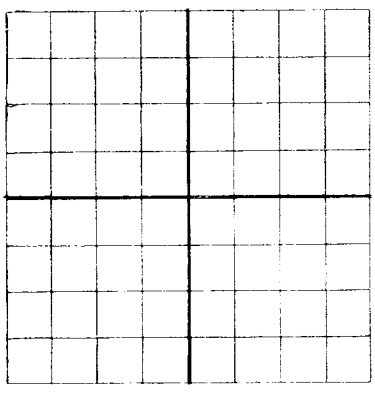

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
APR 8 1940
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.

Skelly Oil Company - Tulsa, Oklahoma
Company or Operator — Address

J. W. Sherrell Well No. 3 in CNE NWNE of Sec. 6, T. 25
Lease

R. 37, N. M. P. M., Mattix Field, Lea County.

Well is 330 feet south of the North line and 1650 feet west of the East line of Sec. 6 -.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is J. W. Sherrell, Address Jal, New Mexico

If Government land the permittee is _____, Address _____

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

Drilling commenced Jan. 25, 1940 Drilling was completed Feb. 28, 1940

Name of drilling contractor Morter Drilling Co. Address ARDMORE, OKLAHOMA

Elevation above sea level at top of casing ~~XXX~~ 3238 feet.

The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 3415 to 3490 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	8	LW	1194'8"					
7"	20	8	SS	3415'9"					
Tubing									
2" EUE	4.7#	10	SS	3500'9"					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	9-5/8"	1191'	300	Halliburton-Cement circulated back to cellar.		
8¾"	7"	3401'	250	Halliburton		
2" Tubing		3455'	Hung			

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
220 Qts	5"	S. N. G.	220 Qts	3/2/40	3434-3486'	Bottom

Results of shooting or chemical treatment ~~Increased production from 2 bbls per hr to 69 bbls 24 hrs thru 12/64 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 Top feet to 3490 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing ~~Feb. 29,~~ 1940

The production of the first 24 hours was ~~39~~ 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

~~S. F. Storey~~, Driller W. E. Wennick, Driller

~~A. C. Morter~~, 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 6 day of April 1940

E. Allison
Notary Public

My Commission expires Dec. 10, 1940

~~Hobbs, New Mexico~~ - April 6, 1940
Place — Date

Name W. E. Wennick

Position ~~Dist. Lot Supt.~~

Representing SKELLY OIL COMPANY
Company or Operator

Address ~~Hobbs, New Mexico~~

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Top	42	42	Caliche
42	119	77	Sand
119	124	5	Caliche
124	205	81	Sand & gypsum
205	220	15	Red bed & shale
220	247	27	Red bed, shale & shells
247	342	95	Red bed, shells & red rock
342	347	5	Red bed & sand
347	465	118	Conglomerate
465	479	12	Sand
479	499	20	Shale
499	532	33	Conglomerate
532	579	47	Shale
579	597	18	Sand
597	686	89	Hard white sand
686	690	4	White sand
690	750	60	Red bed & rock
750	791	41	Red bed & red rock
791	843	52	Red bed & gypsum
843	922	79	Red bed, red rock & gypsum
922	999	77	Red bed
999	1014	15	Red bed & gypsum
1014	1054	40	Red bed
1054	1099	45	Red bed, shale & gypsum
1099	1114	15	Red bed
1114	1185	71	Anhydrite & sand
1185	1192	7	Anhydrite
1192	1226	34	Anhydrite
1226	1286	60	Anhydrite & gypsum
1286	1331	45	Sand & gypsum
1331	1350	19	Sand
1350	1358	8	Sand & shale
1358	1374	16	Anhydrite
1374	1384	10	Anhydrite & red bed
1384	1396	12	Anhydrite
1396	1434	38	Anhydrite, red bed & salt
1434	1468	34	Anhydrite, red bed, potash & salt
1468	1494	26	Anhydrite, red bed & salt
1494	1536	42	Anhydrite & salt
1536	1554	18	Salt & potash
1554	1565	11	Anhydrite
1565	1582	17	Salt & anhydrite
1582	1614	32	Anhydrite, salt & potash
1614	1686	72	Anhydrite & sand
1686	1698	12	Anhydrite
1698	1968	270	Anhydrite, salt & potash
1968	2022	54	Anhydrite & salt
2022	2115	93	Salt & potash
2115	2118	3	Gypsum
2118	2238	120	Salt & potash
2238	2241	3	Salt, potash & gypsum
2241	2263	22	Anhydrite & gypsum
2263	2378	115	Salt & anhydrite
2378	2445	67	Salt & gypsum
2445	2474	29	Anhydrite, salt & gypsum
2474	2498	24	Anhydrite
2498	2625	27	Salt
2625	2646	21	Salt & shale
2646	2669	23	Salt, anhydrite & red rock
2669	2675	6	Anhydrite & gypsum
2675	2691	16	Anhydrite & salt
2691	2758	67	Lime
2758	2803	45	Brown Lime & gypsum
2803	2810	7	Lime & gypsum
2810	2821	11	Brown lime
2821	2824	3	Shale & sand
2824	2834	10	Lime
2834	2846	12	Lime & sand
2846	2866	20	Sand & shale
2866	2884	18	Lime & gypsum
2884	2949	65	Lime & broken sand
2949	2960	11	Lime & shale
2960	2963	3	Sand
2963	2984	21	Broken lime & sand
2984	2990	6	Lime, shale & broken sand
2990	3003	13	Broken lime & sand
3003	3020	17	Lime & shale
3020	3042	22	Lime
3042	3099	57	Broken sand & lime
3099	3104	5	Shale & sand
3104	3274	170	Broken lime & sand
3274	3286	12	Soft brown lime & sand
3286	3335	49	Lime & sand
3335	3401	66	Lime
3401	3404	3	Hard lime
3404	3407	3	Sand
3407	3413	6	Lime
3413	3417	4	Hard sand
3417	3421	4	Lime
3421	3423	2	Hard sand
3423	3445	22	Broken sand & lime
3445	3456	11	Hard lime
3456	3466	10	Med. sand
3466	3468	2	Hard sandy lime
3468	3477	9	Med. broken sand & lime
3477	3480	3	Hard lime
3480	3483	3	Hard broken sand & lime
3483	3490	7	Lime

TOTAL DEPTH 3490'.