

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sun Oil Company

Dallas, Texas.

Company or Operator

Address

F. D. McKinley "B" Well No. 1 in NE/4 of Sec. 20, T. 18-S

Lease

R. 38-E, N. M. P. M., Hobbs Field, Lea County.

Well is 330' from the South line and 330' from West line of the lease.

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

If patented land the owner is H. D. McKinley, Address Sterling City, Texas.

If Government land the permittee is, Address

The Lessee is Sun Oil Company, Address Dallas, Texas.

Drilling commenced January 7, 1936 Drilling was completed March 22, 1936.

Name of drilling contractor Oil Well Drig. Co., Address Dallas, Texas.

Elevation above sea level at top of casing 3660 feet. Frank Murray, Hobbs, N.M. drilled cement 4223/29

The information given is to be kept confidential until X 19

OIL SANDS OR ZONES

No. 1, from 4200 to 4218 No. 4, from to
No. 2, from 4235 to 4242 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 TO	PURPOSE
13"	50	8	LW	253'	None			Surface
7"	24	10	SS	4151'4"	Baker			Oil String
3"	9.30	10	SS	4200'7"	X			Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	13"	253	150	Halliburton		
9-7/8"	7"	4235	875	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
		Hydro. Acid	3000 Gal.	3-3-36	To 4223	To bottom 4223
		Hydro. Acid	4000 Gal.	3-25-36	To 4229	To bottom 4229

Results of shooting or chemical treatment After first treatment at depth 4223, swabbed 2 1/2 bbls. per hr. Cement plug drilled out to 4229, and after second treatment at depth 4229, swabbed 13.60 bbls. in 3 hours.

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 4242 feet, and from feet to feet
Cable tools were used from 4223 feet to 4229 feet, and from feet to feet

(Cement plug)

PRODUCTION (Up to Mar. 26th, well was being worked over; plugging back, acidizing, testing, etc.)

Put to producing March 9, 1936

The production of the first 24 hours was 36 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

D. McMillan, Driller Russ Williams, Driller
J. S. Luse, Driller W. E. DuBois, 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.

DUPLICATE

Subscribed and sworn to before me this 8th day of April, 1936. Dallas, Texas. April 8, 1936.

day of April, 1936.

Name John A. McMillan

Position Prod. Supt.

Representing Sun Oil Company

My Commission expires June 1, 1937

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	79	79	Broken sand and gravel
79	225	146	Sand & shell
225	280	55	Red bed
280	324	44	Red bed
324	975	651	Red bed and shells.
975	982	7	Red rock
982	1056	74	Red rock, red bed & shells
1056	1207	151	Red rock & shells
1207	1374	167	Red rock & lime shells
1374	1382	8	Red rock
1382	1444	62	Anhydrite
1444	1505	61	Anhydrite & strks. of lime shells
1505	1624	119	Anhydrite & shale
1624	1689	65	Hard anhydrite
1689	1755	66	Anhydrite & shale
1755	1825	70	Anhydrite
1825	1910	85	Broken anhydrite & salt
1910	2055	145	Salt, anhydrite & potash
2055	2760	705	Anhydrite & salt
2760	2854	94	Anhydrite
2854	2924	70	Anhydrite & lime shells
2924	2981	57	Lime & gypsum
2981	3020	39	Brown lime - showing gas at 3000
3020	3137	117	Brown lime & gypsum
3137	3199	62	Lime, anhydrite & gypsum
3199	3788	589	Brown lime & gypsum - showing gas at 3705
3788	3820	32	Brown lime
3820	3942	122	Lime & gypsum
3942	3989	47	Lime
3989	4133	144	Gray lime
4133	4135	2	Gray sandy lime
4135	4164	29	Gray lime & sand
4164	4200	36	Gray lime
4200	4218	18	Gray lime - some oil
4218	4235	17	Gray lime
4235	4242	7	Lime showing oil.

4242 Total depth drilled. Plugged back to 4225 w/ cement and drilled out cement to 4229.