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NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

AREA 640 ACRES LOCATE WELL CORRECTLY

Company H. L. Petroleum Co. Address Box 996 Wink Texas
Send correspondence to Shell Petroleum Corp. Address Box 996 Wink, Texas
H. McKinley "B" Well No. 3 in 34 1/4 of Sec. 20 T. 18 S. R. 32 E. N. M. P. M. Hobbs Oil Field Lea County.
If patented land the owner is H. McKinley Address
The lessee is Shell Petr. Corp. Address Box 996, Wink, Texas
Drilling commenced Oct. 25 1932 Drilling was completed November 1 1932
Name of drilling contractor Oil Well Drilling Co. Address Roswell, New Mex.
Elevation above sea level at top of casing 3607 feet.
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

Table with 4 columns: No., from, to, No., from, to. Contains data for zones 1 through 6.

IMPORTANT WATER SANDS

Table with 4 columns: No., from, to, No., from, to. Contains data for zones 1 through 4.

CASING RECORD

Table with 9 columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & PULLED FROM, PERFORATED FROM TO, PURPOSE. Contains data for three casing types.

MUDDING AND CEMENTING RECORD

Table with 6 columns: SIZE, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Contains data for three mud sets.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set.
Adapters—Material Size

SHOOTING RECORD

Table with 7 columns: SIZE, SHELL USED, EXPLOSIVE USED, QUANTITY, DATE, DEPTH SHOT, DEPTH CLEANED OUT.

TOOLS USED

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

PRODUCTION

Put to producing, 19
The production of the first 24 hours was barrels of fluid of which % 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

Company test on Nov. 12 1932 6,400 barrels fluid with 145 drilling water and 4,152 cu ft of gas thru open 3" tubing. 15,600 bbls. of fluid with 65 drilling water and 8,307,000 feet of gas thru open casing and tubing.

EMPLOYES

Chas Kennedy Driller P. Williams 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 7 Name B. Dykstra
day of Nov 1932 Position Exploitation Engineer
Ruggie M. Beasley Representing Shell Petroleum Corporation
Notary Public. Company or Operator.
My commission expires June 1st 1933

Copies: 2 State of New Mexico / 1 Hobbs file 1 Wink, file.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	surface soil.
10	110	100	sand and gravel.
110	117	7	Hard shell
117	216	99	sand and shells
216	300	84	Red Bed,
300	320	20	shells
320	350	30	Red Bed
350	365	15	Broken sand.
365	1200	835	shale and shells.
1200	1239	39	Red Rock.
1239	1287	48	Hard sand.
1287	1291	4	Red Rock and shells.
1291	1410	119	sandy Red Rock.
1410	1454	44	Red Rock and Lin shells.
1454	1515	61	Broken Red Rock.
1515	1529	14	anhydrite shells.
1529	1695	166	anhydrite and red rock.
1695	1710	15	Potash and salt.
1710	1726	16	Red Rock and salt.
1726	1742	16	sticky shale.
1742	1820	78	salt and potash.
1820	1825	5	anhydrite
1825	2300	475	salt, potash and anhydrite.
2300	2450	150	salt and Red Rock.
2450	2540	90	Red shale and Hard salt.
2540	2720	180	anhydrite salt and red rock.
2720	2732	12	sticky Red Bed.
2732	2800	68	anhydrite and red bed.
2800	2806	6	sticky Red shale.
2806	2843	37	anhydrite. Top Brown line 2845.
2843	2852	9	Brown Line and anhydrite.
2852	2855	3	anhydrite. Little traces of gas at 2855.
2855	2930	75	anhydrite and brown line.
2930	2936	6	soft sand.
2936	3124	258	anhydrite and lime. At 3110 very small show of /gas
3124	3201	77	soft sandy lime.
3201	3220	19	anhydrite and streaks of shale.
3220	3352	132	Broken sand, lime and anhydrite.
3352	3409	57	sandy lime.
3409	3426	17	Broken sandy lime.
3426	3701	275	Broken lime and anhydrite.
3701	3880	179	Line between 3723 and 3727 1/2 lb show of gas.
3880	4000	120	Line.

204 LOG.

4000	4004	4	anhydrite.
4004	4008	4	compact dolomite with streaks of anhydrite /bleeding oil
4008	4010	2	anhydrite.
4010	4012	2	dolomite with streaks of shale.
4012	4014	2	anhydrite. and anhydrite.
4014	4022	8	dolomite with streaks of micaceous shale.
4022	4025	3	anhydrite with streaks of dolomite and shale
4025	4028	3	compact dolomite and anhydrite. /partings.
			irregular bedding. Bleeding oil.
			TOP OF SECTION AT 4028.
4028	4032	4	hard to sandstone bleeding oil.
4032	4034	2	sandy anhydrite dolomite.
4034	4036	2	Very little sandy dolomite with shale partings.
4036	4038	2	Gray dolomite lightly porous bleeding oil.
4038	4042	4	Little sandy dolomite with shale partings.
4042	4056	14	compact sandy limestone with shale partings.
4056	4070	14	Brown dolomite bleeding oil.
4070	4071	1	Very sandy dolomite bleeding much oil.
4071	4077	6	Little sandy dolomite.
4077	4080	3	compact Gray dolomite.
4080	4081	1	white bluish dolomite, very little sandy /in bottom.
4081	4085	4	
			Bailed at this depth, showed dry hole.
4085	4098	13	sandy crystalline dolomite with streaks of /shale.
4098	4105	7	shaly sand bleeding oil.
4105	4108	3	sandy dolomite bleeding oil.
4108	4117	9	porous dolomite bleeding oil. possibly pay.
4113	4115	2	Gray dolomite compact.
4115	4118	3	sandy dolomite.
4118	4124	6	compact fine grained oil sand.
4124	4125	1	Gray dolomite, some porosity, possibly pay
4125	4127	2	sandy dolomite bleeding oil.
4127	4128	1	Gray porous pyritic dolomite. possibly pay.
4128	4129	1	sandy dolomite.
4129	4132	3	Very sandy dolomite bleeding oil.
			Yield 11.5 gal 4133.
4133	4138	5	bluish, white, porous pyritic dolomite, possibly pay.
4138	4139	1	compact gray dolomite.
4139	4144	5	porous pyritic dolomite possibly pay.
4144	4146	2	Gray dolomite thin sandy shale partings.
4146	4149	3	Hard compact gray pyritic dolomite.
4149	4157	8	crystalline dolomite, partly compact
4157	4172	15	partly porous gas 15 lb pay.
4172	4182	10	Hard crystalline dolomite.
			MAINLY Crystalline dolomite.
4182	4200	18	From 4172 formation taken about 20 bbls. of water per hour.
4200	4202	2	Gray dolomite partly compact, partly porous bleeding oil.
4202	4207	5	Little sandy dolomite with streaks of shale.
4207	4207	0	Little sandy dolomite slightly porous.

TOTAL T 4207

ran " Tubing" to 4206. Bled well into production after running swab about 6 times.