

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY

E. J. McCurdy Jr.

807 FAIR BUILDING

FORT WORTH, TEXAS

Company or Operator

STATE A

Well No. 1

In SE/SE

of Sec. 16

T. 18S

32E

Lease

WILLCAT

LEA

County.

Well is 4620' feet south of the North line and 660 feet west of the East line of SECTION 16

If State land the oil and gas lease is No. B 5653 Assignment No. 3

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is E. J. McCurdy Jr. Address 807 FAIR BLDG. FORT WORTH

Drilling commenced JUNE 16 1945 Drilling was completed SEPTEMBER 2, 1945

Name of drilling contractor BARFIELD & PALMIST Address 703 TEXAS ST., ARTESIA, N. M.

Elevation above sea level at top of casing 3777 feet.

The information given is to be kept confidential until NO RESTRICTIONS 19

OIL SANDS OR ZONES

No. 1, from NONE to 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 520 to 540 feet. SMALL AMOUNTS

No. 2, from 590 to 600 feet. 5 BARRELS 1 HOUR

No. 3, from 630 to 680 feet. 100' NOT LOWER BY RAILING

No. 4, from 4394 to 4425 feet. 300

4475 to 4480 feet. 1200

4578 to 4598 feet. 2489'

4672 to 4676 feet. TOPPED SAND

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10 3/4	32.75	8	ROUND	2-20	Reg				SHOT OFF WATER
8 5/8	28.00	8	ROUND	H-40	Reg				SHOT OFF WATER
7									PROTECT SALT
6"	20.00	8	ROUND	J-55	Texas				SHUT OFF WATER
7"	20.00	8	ROUND	H-40					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2	10 3/4	547	---	HALLIBURTON	-----	20 sks. mud & 10 Grl.
10"	8 5/8	1280	50	HALLIBURTON	-----	15 Grl.
8 1/2	7"	4613	---	HALLIBURTON	-----	20 sks. mud & 20 Grl.

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
NONE						

Results of shooting or chemical treatment DID NOT SHOOT OR ACIDIZE

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 NONE feet to feet, and from feet to feet

Cable tools were used from 0 feet to 4672' feet, and from feet to feet

PRODUCTION

Put to producing DRY 19

The production of the first 24 hours was NONE barrels of fluid of which % was oil: %

emulsion; % water; and % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours NONE Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. NONE

EMPLOYEES

LEON BAILEY LD Driller ROY BURNETT Driller

GEORGE BARRETT 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 5 th

ARTESIA, NEW MEXICO

SEPTEMBER 5, 1945

day of SEPTEMBER 19 45

Name J. J. McCurdy

Position PRODUCTION SUPERINTENDENT

Representing E. J. McCurdy

Company or Operator

My Commission expires August 28, 1949

Address ARTESIA HOTEL

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	BLOW SAND
45	85	40	RED SAND
85	110	25	GRAVEL
110	160	50	RED CLAY
160	185	25	RED SHALE
185	190	5	SAND
190	245	55	RED BED
245	520	275	RED SHALE
520	540	20	SAND-WATER-SMALL AMOUNT
540	547	7	RED SHALE--RAN 10 3/4" CSG
547	590	43	RED SHALE
590	600	10	RED SAND FIVE BARRELS PER HOUR
600	615	15	RED SAND WATER
615	630	15	RED SHALE
630	680	50	RED SAND - WATER - NOT LOWER BY DRILLING
680	765	85	RED SHALE
765	825	60	RED BEDS
825	915	90	RED SHALE
915	930	15	SAND
930	965	35	RED SANDY SHALE
965	1080	115	RED SHALE
1080	1090	10	ANHYDRITE
1090	1095	5	ANHYDRITE & RED BEDS
1095	1124	29	ANHYDRITE
1124	1132	8	RED BED
1132	1145	13	ANHYDRITE
1145	1190	45	LIME
1190	1215	25	ANHYDRITE
1215	1265	50	ANHYDRITE AND SALT
1265	1278	13	RED BED
1278	1280	2	ANHYDRITE - RAN 8 5/8" CSG
1280	1285	5	ANHYDRITE
1285	1360	75	SALT & RED BEDS
1360	1473	113	SALT
1473	1480	7	ANHYDRITE
1480	2230	750	SALT
2230	2235	5	ANHYDRITE
2235	2395	60	SALT - ANHYDRITE BREAKS
2395	2430	35	SALT
2430	2630	200	ANHYDRITE
2630	2635	5	RED BEDS & ANHYDRITE
2635	2645	10	ANHYDRITE
2645	2690	45	RED BEDS & ANHYDRITE
2690	2780	90	BROKEN ANHYDRITE
2780	2805		RED BEDS & ANHYDRITE
2805	2975	170	BROKEN ANHYDRITE
2975	2985	10	LIME
2985	3005	20	BROKEN ANHYDRITE & LIME
3005	3065	60	ANHYDRITE
3065	3165	100	ANHYDRITE & LIME
3165	3200	35	PINK LIME
3200	3230	30	LIME
3230	3265	35	LIME & ANHYDRITE
3265	3295	30	ANHYDRITE
3295	3360	65	ANHYDRITE & SANDY LIME
3360	3425	65	ANHYDRITE & LIME
3425	3460	35	ANHYDRITE
3460	3515	55	ANHYDRITE & LIME
3515	3600	85	ANHYDRITE
3600	3615	15	SHALE & ANHYDRITE
3615	3642	27	ANHYDRITE
3642	3660	18	GRAY LIME
3660	3720	60	ANHYDRITE
3720	3730	10	LIME
3730	3745	15	ANHYDRITE
3745	3750	5	LIME
3750	3760	10	SHALE
3760	3770	10	LIME & SHALE
3770	3780	10	LIME & ANHYDRITE
3780	3786		CORRECTED HOLE AND REDUCED
3786	3819	33	ANHYDRITE
3819	3860	41	LIME
3860	3890	30	RED SAND-TOP QUEEN-PICK 3852'-ODOR & RAINBOW 3878'
3890	3899	7	LIME-STRAIGHT REAMED HOLE FROM 3786'
3899	3918	21	LIME AND SAND
3918	3929	11	SAND-SHIFT DOWN 8 HOURS-1 1/2 BAILS WATER FROM RED SAND
3929	3943	14	LIME AND SAND
3943	3966	23	LIME
3966	3998	32	ANHYDRITE
3998	4046	48	LIME
4046	4067	21	ANHYDRITE AND LIME
4067	4128	61	LIME
4128	4150	22	SANDY SHALE
4150	4175	10	LIME
4175	4192	17	LIME & ANHYDRITE
4192	4215	23	LIME
4215	4237	22	LIME & SAND
4237	4255	18	ANHYDRITE & LIME SHELL
4255	4275	20	LIME
4275	4312	37	RED SAND
4312	4324	12	ANHYDRITE
4324	4360	36	SANDY SHALE
4360	4388	28	GRAY LIME
4388	4394	6	SANDY SHALE
4394	4425	31	SAND-300' OF WATER
4425	4438	13	LIME
4438	4445	7	LIME & SHALE
4445	4466	21	ANHYDRITE & SAND
4466	4475	9	GRAY LIME
4475	4480	5	SAND- 1200' OF WATER IN HOLE
4480	4536	47	LIME
4536	4548	7	LIME & BLUE SHALE
4548	4536	3	STICKY SHALE
4536	4555	9	ANHYDRITE
4555	4568	13	LIME
4568	4576	8	LIME & ANHYDRITE
4576	4578	2	SAND-LITTLE SHOW
4578	4590	12	SAND-WATER-2489' IN HOLE
4590	4596	6	LIME
4596	4609	13	SANDY LIME
4609	4613	4	HARD LIME- RAN & MUDDED 7" CSG
4613	4621	8	LIME
4621	4656	35	SAND-ODOR
4656	4672	16	LIME
4672	4676	4	SULPHUR WATER
	4676		TOTAL DEPTH