

DUPLICATE

FORM C-105

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MAY 22 1947
HOBBS OFFICE

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

CULBERTSON & IRWIN, INC. & R. K. STOVALL

Box 1071
Midland, Texas

Stuart
Lease

Well No. 1-A

in SW/SE

of Sec. 10

T. 25S

R. 37E, N. M. P. M., Langlie-Mattix Field, Lea County.

Well is 4290 feet south of the North line and 2145 feet west of the East line of Section 10

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

If patented land the owner is J. A. Stuart et al, Address Jal, N.M.

If Government land the permittee is, Address

The Lessee is CULBERTSON & IRWIN, INC. & R.K.STOVALL, Address Midland, Texas

Drilling commenced March 26, 1947 Drilling was completed May 15, 1947

Name of drilling contractor Ralph Lowe, Address Midland, Texas

Elevation above sea level at top of casing 3102 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 3335 to 3350 No. 4, from to
No. 2, from 3355 to 3360 No. 5, from to
No. 3, from 3365 to 3380 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 60 to 72 feet.
No. 2, from 470 to 502 feet.
No. 3, from 580 to 595 feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10-3/4	45	8	Used	176'	Tex. Pattern				Surface string
5 1/2	15	8	New	3268'	Baker				Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	10-3/4	176'	75	Halliburton		
6 1/2	5 1/2	3268'	75	"		

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
3 1/2"	10'	Nitro	200 qts.	5/17/47	3316-3416	3400

Results of shooting or chemical treatment Flowed 20 bbls. in 6 hrs.

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 feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3416 feet, and from feet to feet

PRODUCTION

Put to producing 5/19, 1947
The production of the first 24 hours was 80 barrels of fluid of which 99.5% was oil; 0% emulsion; 0% water; and 0.5% sediment. Gravity, Be. 40
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Ralph Lowe, Contractor, 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 19 day of May, 1947
Midland, Texas 5/19/47
Name President

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Collar
10	60	50	Caliche
60	70	10	Red Sand
70	85	15	Gravel
85	100	15	Sand
100	215	115	Red Rock
215	265	50	Red & Blue Shale
265	295	30	Red Rock
295	325	30	Blue Shale
325	385	60	Red Rock
385	445	60	Red Bed & Blue shale
445	467	22	Blue Shale
467	470	3	Lime Shells
470	502	32	Water Sand
502	570	68	Red Rock
570	580	10	Blue Sandy Shale
580	595	15	Water Sand
595	630	35	Blue Shale
630	1042	412	Red Rock
1042	1135	97	Anhydrite
1135	1235	100	Salt
1235	1265	30	Anhydrite & Blue Shale
1265	1282	17	Anhydrite
1282	1303	21	Red Bed
1303	1347	44	Anhydrite
1347	1435	88	Salt
1435	1460	25	Anhydrite
1460	1535	65	Salt
1535	1570	35	Anhydrite
1570	1750	180	Salt & Potash
1750	1775	25	Anhydrite
1775	1810	35	Salt, Anhydrite & Potash
1810	2005	195	Salt & Potash
2005	2035	30	Anhydrite
2035	2050	15	Salt
2050	2080	30	Anhydrite
2080	2100	20	Salt
2100	2150	50	Salt & Anhydrite
2150	2200	50	Salt
2200	2260	60	Salt & Anhydrite
2260	2415	155	Salt
2415	2445	30	Anhydrite
2445	2525	80	Lime & Anhydrite
2525	2580	55	Brown Lime
2580	2685	115	Sand, Lime & Anhydrite
2685	2790	105	Lime & Anhydrite
2790	2845	55	Anhydrite
2845	2900	55	Sand & Lime
2900	3100	200	Lime & Anhydrite
3100	3200	100	Sand, Lime & Anhydrite
3200	3260	60	Lime & Anhydrite
3260	3268	8	Brown Lime
3268	3310	42	Lime
3310	3322	12	Lime & Sand
3322	3335	13	Lime
3335	3350	15	Lime & Sand
3350	3355	5	Lime
3355	3360	5	Sand
3360	3365	5	Lime
3365	3380	15	Sand
3380	3390	10	Sand, Shale & Lime
3390	3416	26	Lime

TOTAL DEPTH 3416'