

N

NEW MEXICO OIL CONSERVATION COMMISSION

X									

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Kewanee Oil Company, P. O. Box 729, Tulsa 1, Oklahoma

Company or Operator

Address

State "O"

Well No. 5

in NW/4 NW/4

of Sec. 16

T. 17S

Lease

R. 32E

N. M. P. M.

Maljamar

Field,

Lea

County.

Well is 660

feet south of the North line and

660

feet west of the

East West

line of

Sec. 16

If State land the oil and gas lease is No. B-155

Assignment No. Texas Co. Farmout

If patented land the owner is

Address

If Government land the permittee is

Address

The Lessee is

Address

Drilling commenced

August 21,

19 44

Drilling was completed

November 25, 1944

Name of drilling contractor

Marshall & Smith

Address

Elevation above sea level at top of casing

4050

feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from 3688'

to

3760'

No. 4, from

to

No. 2, from 3800'

to

3815'

No. 5, from

to

No. 3, from 3935'

to

3985'

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 4142'

to

4146'

feet.

2 1/2 barrels per hour

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		PURPOSE
							FROM	TO	
8 1/2"	28 1/2	8 round	Seamless	927'	Texas Pattern				
7" O.D.	23 1/2	8 round	Seamless	3501'	Guide Shoe & Float Collar				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 1/2"	922	75	Halliburton		14 sacks aquagel
8"	7" O.D.	3575	75	"		14 sacks aquagel

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
4"		Nitroglycerine	120 qts.	11-30-44	3939'-3984'	
4"		"	50 qts.	12- 1-44	3800'-3820'	
4"		"	200 qts.	12- 1-44	3685'-3760'	

Results of shooting or chemical treatment Production increased from 5 barrels per day to an estimated 25 barrels per day.

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 4146 feet, and from feet to feet

PRODUCTION

Put to producing December 18, 1944

The production of the first 24 hours was 143.75 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

Don T. Thorp Driller Harlan Johnson Driller

E. D. Ackerman Driller K. M. Berents 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 20th

Tulsa, Oklahoma, December 20, 1944

day of December 1944

Name J. B. Steele

Position Superintendent

Representing KEWANEE OIL COMPANY

Company or Operator

My Commission expires December 15, 1948

Address P. O. Box 729, Tulsa 1, Oklahoma

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Caliche
20	120	100	Red Rock
120	190	70	Sandy Red Rock
190	680	490	Red Rock and Red Bed
680	700	20	Sand
700	745	45	Red Rock
745	780	35	Sand
780	825	45	Red Rock
825	850	25	Anhydrite
850	860	10	Red Rock
860	922	62	Anhydrite
922	960	38	Anhydrite
960	1020	60	Red Rock
1020	1995	975	Salt
1995	2070	75	Anhydrite
2070	2085	15	Salt
2085	2345	260	Anhydrite
2345	2380	35	Broken Anhydrite
2380	2455	75	Anhydrite
2455	2495	40	Anhydrite and Red Rock
2495	2925	430	Anhydrite
2925	2935	10	Anhydrite and Red Rock
2935	3005	70	Anhydrite
3005	3055	50	Anhydrite and Red Rock
3055	3070	15	Anhydrite and lime
3070	3120	50	Anhydrite
3120	3135	15	Sand, Show Gas
3135	3290	155	Anhydrite
3290	3345	55	Broken Anhydrite
3345	3375	30	Anhydrite
3375	3390	15	Red Sand, Light Show of Oil and Gas.
3390	3505	115	Anhydrite
3505	3520	15	Sand, Hard
3520	3535	15	Anhydrite
3535	3545	10	Lime
3545	3565	20	Lime
3565	3573	8	Lime
	3600		S.L.M. Correction
3600	3688	88	Lime
3688	3699	11	Sandy Lime, Oil and Gas
3699	3705	6	Lime, 1 Bailer of Free Oil (2 hour test)
3705	3715	10	Lime
3715	3725	10	Lime
	3731		S.L.M. Correction
3731	3734	4	Sand gas estimated at 2,000 MCF
3734	3750	16	Lime
3750	3760	10	Sandy Lime, Oil Show.
3760	3805	45	Lime
3805	3815	10	Sandy Lime, Little Free Oil Increase in Gas to 2,500 MCF
3815	3860	45	Sandy Lime
3860	3870	10	Lime and Shale Breaks
3870	3885	15	Pink Lime
3885	3935	50	Gray and white lime, shut down 8 days testing, well flowed 5 barrels per 24 hours.
3935	3945	10	Soft Lime
3945	3960	15	Lime
3960	3965	5	Lime
3965	3970	5	Lime, very small increase in oil.
3970	4045	75	White Lime
4045	4050	5	Lime, blue shale break.
4050	4080	30	Lime
	4086		S.L.M. Correction
4086	4142	56	Lime
4142	4146	4	Water Sand, 2 1/2 bailers per hour.
	4146		Total Depth
4146	4142	4	Plugged back with lead wool 1300#. Water completely shut off.
	4142		Total Depth