

DEEPER DRILLING RECORD

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 "OK" Well No. 3 in SW/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 line of SW/4 NW/4 Sec. 16.
If State land the oil and gas lease is No. B-185 Assignment No. 3
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Kewanee Oil Company Address P. O. Box 729, Tulsa 1, Oklahoma
Drilling commenced July 8th, 1944 Drilling was completed July 29th, 1944
Name of drilling contractor Ray Williams Address Artesia, New Mexico
Elevation above sea level at top of casing 4044 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3662' to 3674' No. 4, from 4010' to 4035'
No. 2, from 3805' to 3830' No. 5, from to
No. 3, from 3932' to 3935' 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		PURPOSE
							FROM	TO	
						(See Original Record)			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

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"		Nitroglycerine	60 qts.	7-30-44	4010'-4040'	
3 1/2"		"	130 qts.	7-31-44	3805'-3870'	
3 1/2"		"	110 qts.	8-1-44	3695'-3750'	4040'

Results of shooting or chemical treatment Production increased from 60 barrels oil per day to 48 barrels 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 feet to feet, and from feet to feet
Cable tools were used from 3741 feet to 4040 feet, and from feet to feet

PRODUCTION

Put to producing August 19, 1944
The production of the first 24 hours was 132 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

Ray Langston, Driller Ray Williams, Driller
A. W. Pierson, Driller George Ring, 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 30th day of August, 1944
Notary Public
In and For State of Oklahoma
My Commission expires December 15, 1944

Tulsa, Oklahoma August 30, 1944
Name J. B. Steele
Position Superintendent
Representing KEWANEE OIL COMPANY
Company or Operator
Address P. O. Box 729, Tulsa 1, Oklahoma

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	3741		Original Total Depth
3741	3744	3	Dark brown sand, soft. Show free oil.
3744	3750	6	Gray and pink lime.
3750	3758	8	White lime.
3758	3761	3	Gray lime, hard.
3761	3765	4	Gray and white lime.
3765	3770	5	White lime, hard.
3770	3774	4	White and gray lime.
3774	3777	3	Hard white lime and tan sandy lime.
3777	3783	6	Hard white lime.
3783	3788	5	Hard white lime and gray sandy lime.
3788	3794	6	Hard gray lime.
3794	3797	3	Gray and brown sandy lime. Some oil stain.
3797	3805	8	Hard white lime.
3805	3810	5	Light brown sandy lime. Good tan stain.
3810	3815	5	Hard gray lime. Slight tan stain.
3815	3819	4	Hard gray lime.
3819	3825	6	Hard gray lime. Some tan stain.
3825	3829	4	Gray and brown lime. Some oil stain.
3829	3849	20	Hard gray lime.
3849	3853	4	Gray sandy lime.
3853	3856	3	Gray and pink lime.
3856	3861	5	Brown and pink sandy lime. Brown lime showing, some free oil.
3861	3867	6	Dark gray sandy lime.
3867	3872	5	Pink sandy lime, slight oil stain.
3872	3875	3	Soft pink sandy lime.
3875	3880	5	Gray sandy lime. Slight oil stain.
3880	3885	5	Pink sandy lime.
3885	3890	5	Hard gray lime.
3890	3898	8	Gray and pink lime.
	3906	8	S.L.M. Correction.
3906	3910	4	Gray and pink lime.
3910	3920	10	Hard white lime.
3920	3926	6	White flakey sandy lime.
3926	3929	3	White sandy lime.
3929	3932	3	Hard white lime.
3932	3936	4	White sandy lime.
3936	3938	2	White sandy lime. Light tan stain.
3938	3952	14	Hard white lime.
3952	3957	5	White sandy lime.
3957	3970	13	Soft white flakey lime.
3970	3983	13	Gray lime.
3983	3986	3	White and gray sandy lime. Slight tan stain.
3986	3998	12	Gray sandy lime.
3998	4004	6	Hard white lime.
4004	4010	6	Soft gray sandy lime, some tan stain.
4010	4016	6	Soft gray sandy lime, some oil stain.
	4022	6	S.L.M. Correction.
4022	4032	10	Soft porous sandy lime, good oil stain.
4032	4035	3	Soft brown sandy lime, good oil stain.
4035	4038	3	Sandy lime, some tan stain.
4038	4040	2	Hard white sandy lime, slight tan stain.
	4040		Total Depth