

Margaret

Company <i>Kewanee Oil Co.</i>			
Farm Name <i>State 0</i>		Well No. <i>6</i>	
Sec. <i>16</i>	Twp. <i>17</i>	Range <i>32</i>	County <i>Lea</i>
Feet from Line: <i>660</i> N.		S.	E. <i>1980</i> W.
Elevation <i>1062</i>		Method	
Contractor			
Spudded		Completed	

ACID RECORD

Gals.

Top Pay 4113

TA	TG
TX	TSA
TCA	TGI
BX <i>2010</i>	TYo
TY	TAb
TSR	TPenn
TQ	TOrd

SHOOTING RECORD

No. of Quarts	From	To
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

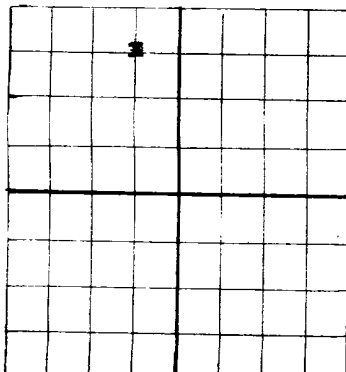
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NEW MEXICO OIL CONSERVATION COMMISSION

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 "O" Well No. 6 in NE NW of Sec. 16, T. 17S
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 N/2 NW/4 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 January 26, 1945 Drilling was completed April 5, 1945
Name of drilling contractor Marshall and Smith Address Artesia, New Mexico
Elevation above sea level at top of casing 4059 feet.
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 4113' to 4147' 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 _____ 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	
<u>8-5/8"</u>	<u>28#</u>	<u>8 Round</u>	<u>Seamless</u>	<u>962'</u>	<u>Texas pattern</u>				
<u>7"</u>	<u>23#</u>	<u>8 "</u>	<u>"</u>	<u>3778'</u>	<u>Guide shoe & float collar</u>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10"</u>	<u>8-5/8"</u>	<u>950'</u>	<u>50</u>	<u>Halliburton</u>		<u>15 sacks aquagel</u>
<u>8"</u>	<u>7"</u>	<u>3752'</u>	<u>200</u>	<u>"</u>		<u>15 sacks aquagel</u>

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
<u>4 1/2"</u>		<u>Nitroglycerine</u>	<u>90 qts.</u>	<u>4-7-45</u>	<u>4113' - 4141'</u>	

Results of shooting or chemical treatment Production increased from 32 barrels oil in 10 hours swabbing to 224 barrels in 24 hours swabbing.

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 4154 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing April 12, 1945
The production of the first 24 hours was 224.10 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

Sep. Watts, Driller Mr. Wiggins, Driller
Floyd Davis, Driller E. D. Ackerman, 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 23rd Tulsa, Oklahoma April 23, 1945
day of April 1945 Name J. B. Steele
Notary Public 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	10	10	Caliche
10	35	25	Red rock, sandy
35	85	50	Red bed
85	190	105	Red rock
190	240	50	Blue shale
240	250	10	Red rock
250	320	70	Red bed and sand
320	370	50	Red bed, caving
370	450	80	Red rock
450	470	20	Red bed
470	615	145	Red rock
615	675	60	Red sand
675	695	20	Red rock, sandy
695	707	12	Sand, water
707	740	33	Red rock, sandy
740	755	15	Red rock
755	770	15	Sand
770	865	95	Red rock
865	885	20	Anhydrite
885	895	10	Red bed
895	950	55	Anhydrite
950	1035	85	Anhydrite
1035	1130	95	Salt and shale
1130	1220	90	Salt
1220	1300	80	Salt and shale
1300	1860	560	Salt
1860	1875	15	Anhydrite
1875	2010	135	Salt
2010	2035	25	Anhydrite
2035	2050	15	Salt
2050	2065	15	Anhydrite and broken red rock
2065	2110	45	Broken salt, anhydrite and red rock
2110	2200	90	Anhydrite
2200	2240	40	Broken anhydrite
2240	2285	45	Anhydrite and shale breaks
2285	2330	45	Anhydrite, sandy
2230	2375	45	Broken anhydrite
2375	2415	40	Anhydrite and shale breaks
2415	2450	35	Anhydrite
2450	2480	30	Broken anhydrite
2480	2515	35	Anhydrite and shale breaks
2515	2550	35	Anhydrite
2550	2580	30	Broken anhydrite
2580	2780	200	Anhydrite
	2820	40	S.L.M. Correction
2820	2870	50	Anhydrite
2870	2900	30	Anhydrite and shale breaks
2900	2990	90	Broken anhydrite
2990	3080	90	Anhydrite
3080	3097	17	Soft sandy anhydrite
3097	3155	58	Anhydrite
3155	3175	20	Red sand. Gas at 3155'.
3175	3325	150	Anhydrite
3325	3340	15	Red sand
3340	3400	60	Anhydrite
3400	3440	40	Broken anhydrite
3440	3500	60	Anhydrite
3500	3505	5	Brown lime
3505	3520	15	Broken red sandy anhydrite
	3520		Top of lime
3520	3542	22	Lime
3542	3555	13	White lime
3555	3598	43	Gray lime
3598	3612	14	Brown and gray sandy lime, some tan stain. Show of gas at 3606'.
3612	3628	16	White and gray sandy lime
3628	3652	24	Gray sandy lime
3652	3664	12	Gray sandy lime, some tan stain.
3664	3680	16	Brown sandy lime, some tan stain.
3680	3698	18	Gray sandy lime, some tan stain.
3698	3710	12	Brown and gray sandy lime
3710	3730	20	Gray sandy lime, 3 million cu. ft. gas 3710' to 3720'.
3730	3734	4	Brown sand, soft. No oil.
3734	3742	8	Gray sandy lime
3742	3747	5	White sandy lime
3747	3765	18	Gray lime
3765	3780	15	Gray and white lime.
3780	3785	5	Gray lime and bentonite
3785	3790	5	Bentonite and sandy lime
3790	3795	5	White sandy lime, some tan stain.
3795	3805	10	White sandy lime
3805	3808	3	White sandy lime, some tan stain.
3808	3811	3	White lime
3811	3816	5	White sandy lime, slight oil stain.
3816	3829	13	Gray sandy lime, slight tan stain.
3829	3833	4	Gray sandy lime
3833	3863	30	Gray and pink lime
3863	3877	14	White and pink lime, soft.
3877	3883	6	White sandy lime, some tan stain
3883	3890	7	White lime
3890	3897	7	White sandy lime, some tan stain
3897	3903	6	White lime
3903	3914	11	White sandy lime
3914	3926	12	White lime
3926	3934	8	White sandy lime, some tan stain
3934	3952	18	White lime
3952	3961	9	Gray lime, hard
3961	3970	9	Gray sandy lime
3970	3981	11	Gray lime
3981	3990	9	White sandy lime, brown stain
3990	4010	20	Gray sandy lime
4010	4020	10	White lime
4020	4033	13	White sandy lime
4033	4059-	26	Gray lime
4059	4071	12	Gray sandy lime
4071	4116	45	White lime
4116	4140	24	White sandy lime. Oil and gas. 400' OIH
4140	4143	3	White lime
4143	4147	4	White sandy lime, slight tan stain. Increase in gas.
4147	4151	4	White lime
4151	4154	3	White lime, sulphur water.
	4154		Total Depth
4154	4149		Plugged back with lead wool.
	4149		Final Total Depth