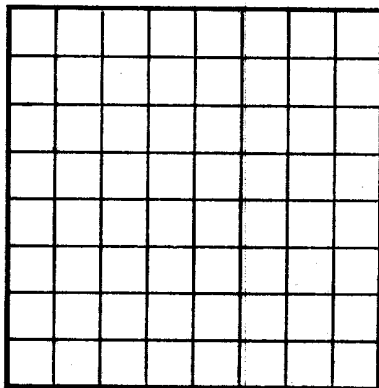


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058697-B
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Kewanee Oil Company Address P.O. Box 2239, Tulsa 1, Oklahoma
Lessor or Tract Pearl Field Maljamar State New Mexico
Well No. 23 Sec. 25 T. 17S R. 32E Meridian Mountain County Lea
Location 2615 ft. (N. 1/2) of S. Line and 13 1/2 ft. (E. 1/2) of E. Line of Sec. 25 Elevation 3994.5'
(Derrick floor relative to sea level)The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.Signed W. O. AlbertDate December 30, 1948 Title Production Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling August 18, 1948 Finished drilling October 24, 1948

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3455 to 3470 No. 4, from _____ to _____
No. 2, from 3895 to 4181 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	1229	100	Halliburton						
7"	3884	200	Halliburton						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1229'	100	Halliburton		
7"	3884'	200	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5"		Nitroglycerine	400 lbs.	12-27	4069'	4172'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 1948
The production for the first 40 days of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38.9

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

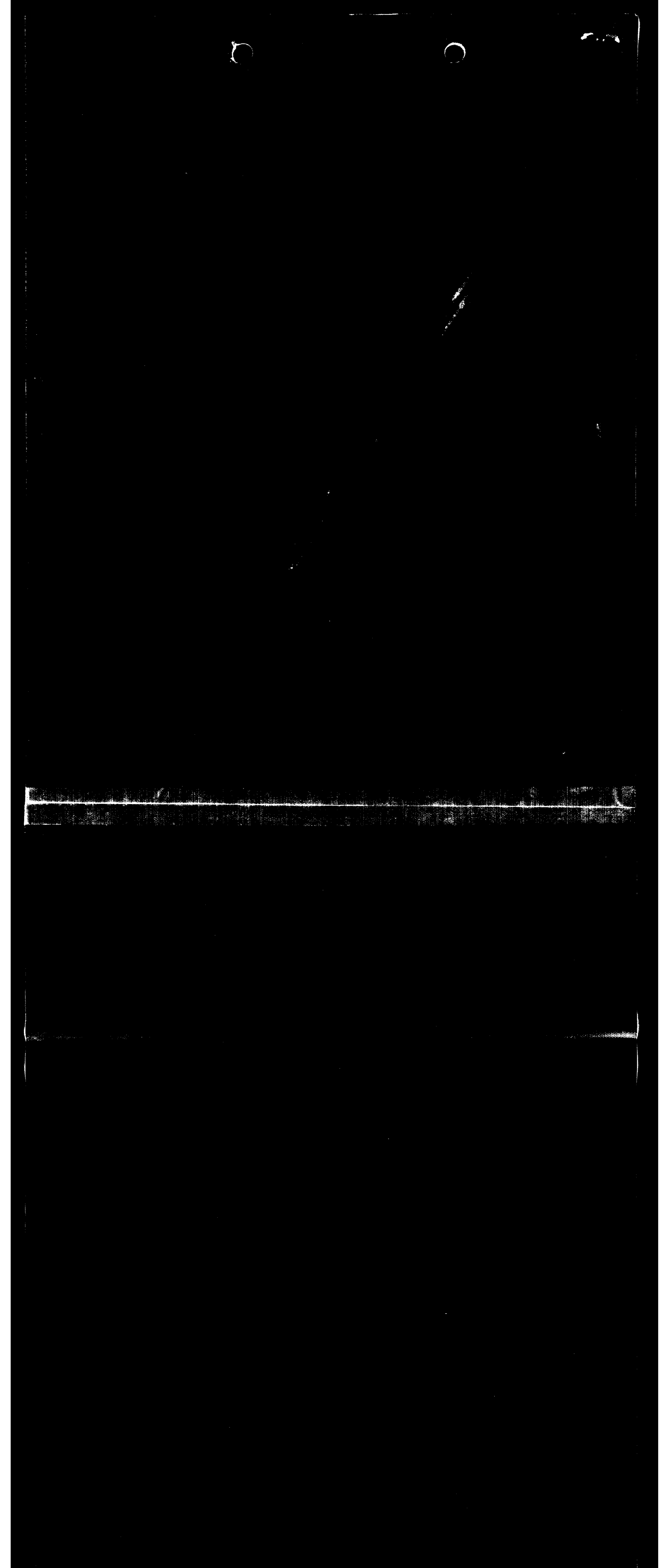
EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	104	104	Sand
104	195	91	Red bed and sand
195	217	22	Red bed
217	224	7	Shale
224	324	100	Red bed
324	492	168	Shale
492	533	41	Shale
533	627	94	Red bed
627	701	74	Red bed & shale
701	941	240	Red bed
941	967	26	Red bed & shale
967	993	26	Sandy shale
993	1033	40	Red bed & shale
1033	1065	32	Red shale
1065	1108	43	Anhydrite
1108	1153	45	Salt
1153	1196	43	Anhydrite
1196	1216	20	Salt, red shale & anhydrite
1216	1235	19	Salt
1235	1615	380	Salt & red breaks
1615	1735	120	Salt
1735	2055	320	Salt
2055	2140	85	Salt & potash
2140	2270	130	Salt
2270	2325	55	Anhydrite
2325	2370	45	Anhydrite, red bed & salt
2370	2425	55	Anhydrite
2425	2450	25	Anhydrite & red rock

FORMATION RECORD—continued



FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2860	2875	15	Anhydrite
2875	2885	10	Red bed
2885	2900	15	Anhydrite
2900	2925	25	Red bed
2925	2935	10	Anhydrite & red shale
2935	2940	5	Anhydrite
2940	2955	15	Broken gyp & anhydrite shells
2955	2965	10	Anhydrite
2965	2970	5	Anhydrite & blue shale
2970	2980	10	Shale & gyp shells
2980	2995	15	Sandy shale
2995	3000	5	Anhydrite & shale
3000	3015	15	Anhydrite
3015	3020	5	Anhydrite & shale
3020	3030	10	Anhydrite
3030	3040	10	Brown shale
3040	3050	10	Anhydrite
3050	3060	10	Anhydrite & red shale
3060	3070	10	Red sandy shale
3070	3080	10	Gray sand
3080	3090	10	Gray sand & red sandy shale
3090	3100	10	Anhydrite
3100	3110	10	Anhydrite & red sandy shale
3110	3120	10	Anhydrite
3120	3130	10	Anhydrite & red shale
3130	3140	10	Shale
3140	3150	10	Gray lime
3150	3160	10	Red & gray sandy shale
3160	3170	10	Gray lime
3170	3180	10	Gray sandy lime
3180	3190	10	Gray lime
3190	3200	10	Gray sand
3200	3210	10	Gray lime
3210	3220	10	Gray and white lime
3220	3230	10	Gray lime
3230	3240	10	Gray sandy lime
3240	3250	10	Gray lime
3250	3260	10	Gray sand
3260	3270	10	White lime
3270	3280	10	White sandy lime
3280	3290	10	White lime
3290	3300	10	Light brown sand
3300	3310	10	Light brown sandy lime
3310	3320	10	White lime
3320	3330	10	Light brown sand
3330	3340	10	White sandy lime
3340	3350	10	Gray sand
3350	3360	10	Gray sand
3360	3370	10	Gray sand
3370	3380	10	Gray sand
3380	3390	10	Gray sand
3390	3400	10	Gray sand
3400	3410	10	Gray sand
3410	3420	10	Gray sand
3420	3430	10	Gray sand
3430	3440	10	Gray sand
3440	3450	10	Gray sand
3450	3460	10	Gray sand
3460	3470	10	Gray sand
3470	3480	10	Gray sand
3480	3490	10	Gray sand
3490	3500	10	Gray sand
3500	3510	10	Gray sand
3510	3520	10	Gray sand
3520	3530	10	Gray sand
3530	3540	10	Gray sand
3540	3550	10	Gray sand
3550	3560	10	Gray sand
3560	3570	10	Gray sand
3570	3580	10	Gray sand
3580	3590	10	Gray sand
3590	3600	10	Gray sand
3600	3610	10	Gray sand
3610	3620	10	Gray sand
3620	3630	10	Gray sand
3630	3640	10	Gray sand
3640	3650	10	Gray sand
3650	3660	10	Gray sand
3660	3670	10	Gray sand
3670	3680	10	Gray sand
3680	3690	10	Gray sand
3690	3700	10	Gray sand
3700	3710	10	Gray sand
3710	3720	10	Gray sand
3720	3730	10	Gray sand
3730	3740	10	Gray sand
3740	3750	10	Gray sand
3750	3760	10	Gray sand
3760	3770	10	Gray sand
3770	3780	10	Gray sand
3780	3790	10	Gray sand
3790	3800	10	Gray sand
3800	3810	10	Gray sand
3810	3820	10	Gray sand
3820	3830	10	Gray sand
3830	3840	10	Gray sand
3840	3850	10	Gray sand
3850	3860	10	Gray sand
3860	3870	10	Gray sand
3870	3880	10	Gray sand
3880	3890	10	Gray sand
3890	3900	10	Gray sand
3900	3910	10	Gray sand
3910	3920	10	Gray sand
3920	3930	10	Gray sand
3930	3940	10	Gray sand
3940	3950	10	Gray sand
3950	3960	10	Gray sand
3960	3970	10	Gray sand
3970	3980	10	Gray sand
3980	3990	10	Gray sand
3990	4000	10	Gray sand
4000	4010	10	Gray sand
4010	4020	10	Gray sand
4020	4030	10	Gray sand
4030	4040	10	Gray sand
4040	4050	10	Gray sand
4050	4060	10	Gray sand
4060	4070	10	Gray sand
4070	4080	10	Gray sand
4080	4090	10	Gray sand
4090	4100	10	Gray sand
4100	4110	10	Gray sand
4110	4120	10	Gray sand
4120	4130	10	Gray sand
4130	4140	10	Gray sand
4140	4150	10	Gray sand
4150	4160	10	Gray sand
4160	4170	10	Gray sand
4170	4180	10	Gray sand
4180	4190	10	Gray sand
4190	4200	10	Gray sand
4200	4210	10	Gray sand
4210	4220	10	Gray sand
4220	4230	10	Gray sand
4230	4240	10	Gray sand
4240	4250	10	Gray sand
4250	4260	10	Gray sand
4260	4270	10	Gray sand
4270	4280	10	Gray sand
4280	4290	10	Gray sand
4290	4300	10	Gray sand
4300	4310	10	Gray sand
4310	4320	10	Gray sand
4320	4330	10	Gray sand
4330	4340	10	Gray sand
4340	4350	10	Gray sand
4350	4360	10	Gray sand
4360	4370	10	Gray sand
4370	4380	10	Gray sand
4380	4390	10	Gray sand
4390	4400	10	Gray sand
4400	4410	10	Gray sand
4410	4420	10	Gray sand
4420	4430	10	Gray sand
4430	4440	10	Gray sand
4440	4450	10	Gray sand
4450	4460	10	Gray sand
4460	4470	10	Gray sand
4470	4480	10	Gray sand
4480	4490	10	Gray sand
4490	4500	10	Gray sand
4500	4510	10	Gray sand
4510	4520	10	Gray sand
4520	4530	10	Gray sand
4530	4540	10	Gray sand
4540	4550	10	Gray sand
4550	4560	10	Gray sand
4560	4570	10	Gray sand
4570	4580	10	Gray sand
4580	4590	10	Gray sand
4590	4600	10	Gray sand
4600	4610	10	Gray sand
4610	4620	10	Gray sand
4620	4630	10	Gray sand
4630	4640	10	Gray sand
4640	4650	10	Gray sand
4650	4660	10	Gray sand
4660	4670	10	Gray sand
4670	4680	10	Gray sand
4680	4690	10	Gray sand
4690	4700	10	Gray sand
4700	4710	10	Gray sand
4710	4720	10	Gray sand
4720	4730	10	Gray sand
4730	4740	10	Gray sand
4740	4750	10	Gray sand
4750	4760	10	Gray sand
4760	4770	10	Gray sand
4770	4780	10	Gray sand
4780	4790	10	Gray sand
4790	4800	10	Gray sand
4800	4810	10	Gray sand
4810	4820	10	Gray sand
4820	4830	10	Gray sand
4830	4840	10	Gray sand
4840	4850	10	Gray sand
4850	4860	10	Gray sand
4860	4870	10	Gray sand
4870	4880	10	Gray sand
4880	4890	10	Gray sand
4890	4900	10	Gray sand
4900	4910	10	Gray sand
4910	4920	10	Gray sand
4920	4930	10	Gray sand
4930	4940	10	Gray sand
4940	4950	10	Gray sand
4950	4960	10	Gray sand
4960	4970	10	Gray sand
4970	4980	10	Gray sand
4980	4990	10	Gray sand
4990	5000	10	Gray sand

SHOOTING RECORD

Latent M—stetqshA

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