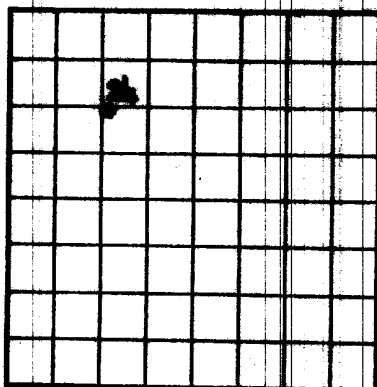


U. S. LAND OFFICE San Diego
SERIAL NUMBER 10077-3
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Keweenaw Oil Company Address P.O. Box 2239, Tulsa 1, Oklahoma
 Lessor or Tract Part 1 Field Midway State New Mexico
 Well No. 24 Sec. 25 T. 17N R. 30E Meridian N.M.P.M. County Lea
 Location 1.25 ft. (N.) of N. Line and 1.25 ft. (E.) of E. Line of Sec. 25 Elevation 4010 ft.

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 M. D. AlheitDate March 1, 1949Title Production Superintendent

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

Commenced drilling September 26, 19 48 Finished drilling November 22, 19 48

OIL OR GAS SAMPLES OR RECORDS

(Denote gas by G)

No. 1, from 4010 to 4191 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SAMPLES

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 foot	Make	Amount	Kind of steel	Cut and pulled from	Fastened		Purpose
							From	To	
8-5/8	12.32	100	Halliburton	100	Halliburton				
7-8	38.91	100	Halliburton	100	Halliburton				

MUDGING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud quantity	Amount of sand used
8-5/8	12.32	100	Halliburton		
7-8	38.91	100	Halliburton		

PLUGS AND ADAPTERS

Blowing plug—Material _____ Length _____ Depth set _____
 Adapter—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5		Nitroglycerine	200 lbs	11-23	4140' - 4011'	4191'

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 February 22, 19 49
 The production for the first 24 hours was 29.90 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment Gravity, °Bé. 36.1
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

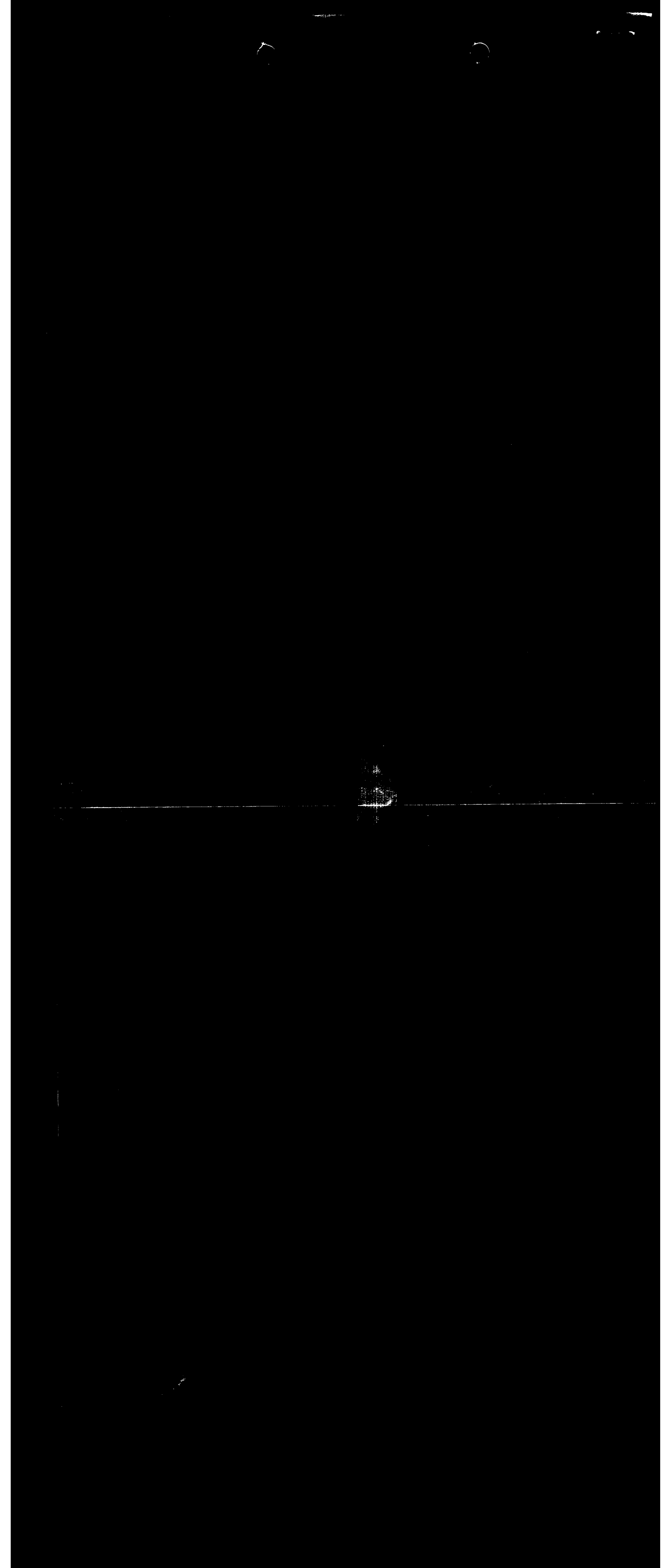
EMPLOYEES

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

FORMATION RECORD

From	To	Formation
0	25	Sand
25	125	Red bed
125	145	Red bed and sandy shale
145	155	Red bed
155	165	Red bed
165	175	Red bed
175	185	Red bed
185	195	Red bed
195	205	Red bed
205	215	Red bed
215	225	Red bed
225	235	Red bed
235	245	Red bed
245	255	Red bed
255	265	Red bed
265	275	Red bed
275	285	Red bed
285	295	Red bed
295	305	Red bed
305	315	Red bed
315	325	Red bed
325	335	Red bed
335	345	Red bed
345	355	Red bed
355	365	Red bed
365	375	Red bed
375	385	Red bed
385	395	Red bed
395	405	Red bed
405	415	Red bed
415	425	Red bed
425	435	Red bed
435	445	Red bed
445	455	Red bed
455	465	Red bed
465	475	Red bed
475	485	Red bed
485	495	Red bed
495	505	Red bed
505	515	Red bed
515	525	Red bed
525	535	Red bed
535	545	Red bed
545	555	Red bed
555	565	Red bed
565	575	Red bed
575	585	Red bed
585	595	Red bed
595	605	Red bed
605	615	Red bed
615	625	Red bed
625	635	Red bed
635	645	Red bed
645	655	Red bed
655	665	Red bed
665	675	Red bed
675	685	Red bed
685	695	Red bed
695	705	Red bed
705	715	Red bed
715	725	Red bed
725	735	Red bed
735	745	Red bed
745	755	Red bed
755	765	Red bed
765	775	Red bed
775	785	Red bed
785	795	Red bed
795	805	Red bed
805	815	Red bed
815	825	Red bed
825	835	Red bed
835	845	Red bed
845	855	Red bed
855	865	Red bed
865	875	Red bed
875	885	Red bed
885	895	Red bed
895	905	Red bed
905	915	Red bed
915	925	Red bed
925	935	Red bed
935	945	Red bed
945	955	Red bed
955	965	Red bed
965	975	Red bed
975	985	Red bed
985	995	Red bed
995	1005	Red bed

FORMATION RECORD—Continued



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LEON



THE LINE

SMILE 4780

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