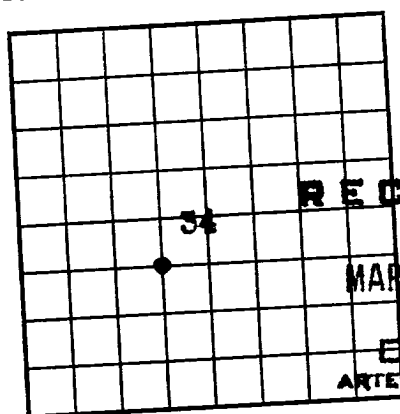


U. S. LAND OFFICE L.C.
 SERIAL NUMBER 068179
 LEASE OR PERMIT TO PROSPECT Leonard



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

RECEIVED

MAR 10 1977

E. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, New Mexico
 Lessor or Tract Harry Leonard Field Wildcat State New Mexico
 Well No. 4 Sec. 34 T. 16S R. 30E Meridian N.M.P.M. County Eddy
 Location 1980 ft. (N.) of S. Line and 1980 ft. (E.) of W. Line of Section 34, Elevation 3743.12
 (Derick 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 James WarnerTitle Bookkeeper

Date _____

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

Commenced drilling January 9, 1942 Finished drilling March 3, 1942

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2973 to 2983 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 435 to _____ No. 3, from _____ to _____
 No. 2, from 2260 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"				510'					
7"				2290'					
5 1/2"				2848'					
HOLE OK OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	510'	50 Sacks			100 Sacks Mud
7"	2290'	100 Sacks			
5 1/2"	2848'				

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		N. G.	70 Qts.	2/26	2951-2973	22'
		"	30 Qts.	2/26	2973-2988	15'
		"	50 Qts.	2/26	2988-3004	16'

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 March 1, 1942
 The production for the first 24 hours was 15 barrels of fluid of which _____ % was oil; _____ %
 on Miller test. After shooting made 79 barrels oil in 24 hours thru open
2" tubing well, cu. ft. per 24 hours _____ Gravity, 1.26
 Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

W. E. McCullough, Driller Art Gormley, Driller
G. E. Surratt, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	35	35	Sand
35	160	125	Red Sand
160	190	30	Red Sand & Red Rock
190	255	65	Red Rock
255	350	95	Red Sand
350	420	70	Anhydrite
420	425	5	Sand
425	430	5	Red Rock
430	440	10	Water
440	480	40	Red Rock
480	490	10	Anhydrite
490	500	10	Sand Water
500	510	10	Salt
510	590	680	Salt
590	610	20	Anhydrite
610	620	10	Anhydrite & Red Shale
620	635	15	Anhydrite
635	645	10	Anhydrite & Red Rock
645	655	10	Anhydrite
655	665	10	Anhydrite
665	675	10	Anhydrite
675	685	10	Anhydrite
685	695	10	Anhydrite
695	705	10	Anhydrite
705	715	10	Anhydrite
715	725	10	Anhydrite
725	735	10	Anhydrite
735	745	10	Anhydrite
745	755	10	Anhydrite
755	765	10	Anhydrite
765	775	10	Anhydrite
775	785	10	Anhydrite
785	795	10	Anhydrite
795	805	10	Anhydrite
805	815	10	Anhydrite
815	825	10	Anhydrite
825	835	10	Anhydrite
835	845	10	Anhydrite
845	855	10	Anhydrite
855	865	10	Anhydrite
865	875	10	Anhydrite
875	885	10	Anhydrite
885	895	10	Anhydrite
895	905	10	Anhydrite
905	915	10	Anhydrite
915	925	10	Anhydrite
925	935	10	Anhydrite
935	945	10	Anhydrite
945	955	10	Anhydrite
955	965	10	Anhydrite
965	975	10	Anhydrite
975	985	10	Anhydrite
985	995	10	Anhydrite
995	1000	5	Red Rock & Anhydrite Shells

(OVER)

