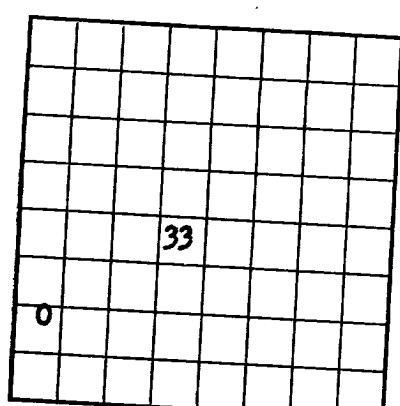


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 047200
LEASE OR PERMIT TO PROSPECT Evans

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

87cm *30-015-03923*

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, N. M.
Lessor or Tract Evans Field Square Lake State New Mexico
Well No. 8 Sec. 33 T. 16S R. 30E Meridian N.M.P.M. County Sddy
Location 1980 ft. (N.) of 3 Line and 660 ft. (E.) of W Line of Sec. 33 Elevation 3729
(Derive 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.

Date August 20, 1942 Signed Forrest Warren
Title Bookkeeper

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

Commenced drilling June 30, 1942, 19... Finished drilling August 14, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2808 to 2818 No. 4, from _____ to _____
No. 2, from 2852 to 2862 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 470 to _____ No. 3, from _____ to _____
No. 2, from 2135 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—	
<u>8 5/8"</u>				<u>640'</u>					
<u>7"</u>				<u>1240'</u>					
<u>5 1/2"</u>				<u>2712'</u>					
(- 4" casing pulled when 5 1/2" casing set)									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>640'</u>	<u>50</u>			
<u>7"</u>	<u>2180'</u>				
<u>5 1/2"</u>	<u>2812'</u>	<u>100</u>			<u>Mud</u>

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
<u>4"</u>	<u>1</u>	<u>N. G.</u>	<u>20 qts.</u>	<u>8/13</u>	<u>2800-2808</u>	<u>art.</u>
<u>3"</u>	<u>1</u>	<u>"</u>	<u>20 qts.</u>	<u>"</u>	<u>2808-2818</u>	<u>10ft.</u>
<u>4 1/2"</u>	<u>3</u>	<u>"</u>	<u>90 qts.</u>	<u>"</u>	<u>2818-2852</u>	<u>art.</u>
<u>3 1/2"</u>	<u>1</u>	<u>"</u>	<u>20 qts.</u>	<u>"</u>	<u>2852-2862</u>	<u>10ft.</u>
<u>4"</u>	<u>2</u>	<u>"</u>	<u>50 qts.</u>	<u>"</u>	<u>2862-2881</u>	<u>19ft.</u>
Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet						
Cable tools were used from <u>Cable Tools</u> feet to _____ feet, and from _____ feet to _____ feet						

DATES

Put to producing August 16, 1942
The first pay zone from 2808-2818 ft. The hole filled with 1250 ft. of oil. The second pay zone from 2852-2862 ft. The hole filled with 1250 ft. of oil. Before shooting production was estimated at 1.5 bbl. per hour on 12 hour calendar test. After shooting production was 1.5 bbl. per hour. The casing then open 2" tubing swung at 2830'

EMPLOYEES

T. O. Powell, Driller
Harold Hurcock, Driller
Oliff Thomas, Driller

FORMATION RECORD

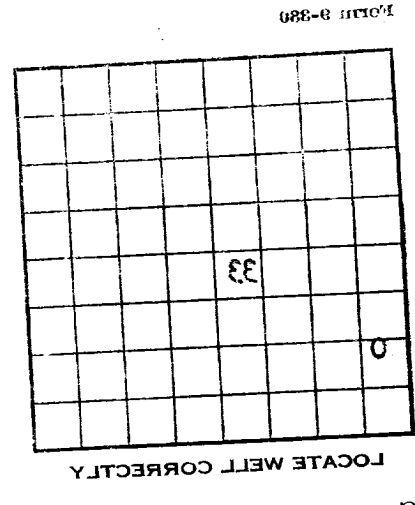
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>5</u>	<u>5</u>	<u>Sand</u>
<u>5</u>	<u>10</u>	<u>5</u>	<u>Caliche</u>
<u>10</u>	<u>60</u>	<u>50</u>	<u>Red Bed</u>
<u>60</u>	<u>120</u>	<u>60</u>	<u>Red Rock</u>
<u>120</u>	<u>260</u>	<u>140</u>	<u>Red Shale</u>
<u>260</u>	<u>330</u>	<u>70</u>	<u>Red Rock</u>
<u>330</u>	<u>370</u>	<u>40</u>	<u>Red Shale</u>
<u>370</u>	<u>515</u>	<u>145</u>	<u>Anhydrite</u>
<u>515</u>	<u>550</u>	<u>35</u>	<u>Red Sand & Red Shale</u>
<u>550</u>	<u>580</u>	<u>30</u>	<u>Red Shale</u>
<u>580</u>	<u>600</u>	<u>20</u>	<u>Red Mud</u>
<u>600</u>	<u>628</u>	<u>28</u>	<u>Anhydrite</u>
<u>628</u>	<u>1080</u>	<u>452</u>	<u>Salt (Top of Salt 644')</u>
<u>1080</u>	<u>1275</u>	<u>195</u>	<u>Anhydrite</u>
<u>1275</u>	<u>1315</u>	<u>40</u>	<u>Red Rock</u>
<u>1315</u>	<u>1905</u>	<u>590</u>	<u>Anhydrite</u>
<u>1905</u>	<u>1950</u>	<u>45</u>	<u>Red Sand & Red Rock</u>
<u>1950</u>	<u>2135</u>	<u>185</u>	<u>Red Sand</u>
<u>2135</u>	<u>2155</u>	<u>20</u>	<u>Sand</u>
<u>2155</u>	<u>2165</u>	<u>10</u>	<u>Anhydrite</u>
<u>2165</u>	<u>2275</u>	<u>110</u>	<u>Red Sand & Shale</u>
<u>2275</u>	<u>2295</u>	<u>20</u>	<u>Line</u>
<u>2295</u>	<u>2310</u>	<u>15</u>	<u>Red Rock & Anhydrite</u>
<u>2310</u>	<u>2330</u>	<u>20</u>	<u>Anhydrite</u>
<u>2330</u>	<u>2355</u>	<u>25</u>	<u>& Shale Breaks</u>

FORMATION RECORD—Continued

U. S. LAND OFFICE
Serial Number 047300
Plans on Permit to Prospect
Lands

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Sanders Brothers
Lessor or Tract Owners
Well No. 8
Location 1880 ft. N. of line and 600 ft. E. of line of Sec. 33, T. 10S, R. 30E, Meridian 4th P.M.
County 24th
Elevation 3250
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.

Commenced drilling June 30, 1915
The summary on this page is for the condition of the well at above date
Signed Forest Peterson
This Bookkeeper

OIL OR GAS SANDS OR ZONES

No. 1 from	to	No. 2 from	to	No. 3 from	to	No. 4 from	to
2808	2818	2825	2835				
No. 1 from	to	No. 2 from	to	No. 3 from	to	No. 4 from	to
2135	2150						

IMPORTANT WATER SANDS

No. 1 from	to	No. 2 from	to
2135	2150		

CASING RECORD

Casing	Weight	Threads per	Make	Amount	Kind of shoe	Set and pulled from	Purposes

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "detached" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for depth, state kind of material used, position, and results of pumping or bailing.

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number bags of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	2150	20			
6 1/2"	2815	100			

PLUGS AND ADAPTERS

Size	Length	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
1 1/2"	1	N. G.	300 lbs.	7/13	2800-2808	2808
2"	1	"	300 lbs.	"	2808-2815	2815
3"	1	"	300 lbs.	"	2815-2825	2825
3 1/2"	1	"	300 lbs.	"	2825-2835	2835
4"	1	"	300 lbs.	"	2835-2845	2845

DATES

Put to producing
The first production from this hole is 11 barrels of oil and 1 barrel of gas per day.
The well was abandoned on 11/1/1915.
The well was abandoned on 11/1/1915.
The well was abandoned on 11/1/1915.

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	2	2	Sand
2	10	8	Caliche
10	2810	2710	Red Bed
2810	2815	5	Red Bed
2815	2820	5	Red Bed
2820	2825	5	Red Bed
2825	2830	5	Red Bed
2830	2835	5	Red Bed
2835	2840	5	Red Bed
2840	2845	5	Red Bed
2845	2850	5	Red Bed
2850	2855	5	Red Bed
2855	2860	5	Red Bed
2860	2865	5	Red Bed
2865	2870	5	Red Bed
2870	2875	5	Red Bed
2875	2880	5	Red Bed
2880	2885	5	Red Bed
2885	2890	5	Red Bed
2890	2895	5	Red Bed
2895	2900	5	Red Bed
2900	2905	5	Red Bed
2905	2910	5	Red Bed
2910	2915	5	Red Bed
2915	2920	5	Red Bed
2920	2925	5	Red Bed
2925	2930	5	Red Bed
2930	2935	5	Red Bed
2935	2940	5	Red Bed
2940	2945	5	Red Bed
2945	2950	5	Red Bed
2950	2955	5	Red Bed
2955	2960	5	Red Bed
2960	2965	5	Red Bed
2965	2970	5	Red Bed
2970	2975	5	Red Bed
2975	2980	5	Red Bed
2980	2985	5	Red Bed
2985	2990	5	Red Bed
2990	2995	5	Red Bed
2995	3000	5	Red Bed
3000	3005	5	Red Bed
3005	3010	5	Red Bed
3010	3015	5	Red Bed
3015	3020	5	Red Bed
3020	3025	5	Red Bed
3025	3030	5	Red Bed
3030	3035	5	Red Bed
3035	3040	5	Red Bed
3040	3045	5	Red Bed
3045	3050	5	Red Bed
3050	3055	5	Red Bed
3055	3060	5	Red Bed
3060	3065	5	Red Bed
3065	3070	5	Red Bed
3070	3075	5	Red Bed
3075	3080	5	Red Bed
3080	3085	5	Red Bed
3085	3090	5	Red Bed
3090	3095	5	Red Bed
3095	3100	5	Red Bed
3100	3105	5	Red Bed
3105	3110	5	Red Bed
3110	3115	5	Red Bed
3115	3120	5	Red Bed
3120	3125	5	Red Bed
3125	3130	5	Red Bed
3130	3135	5	Red Bed
3135	3140	5	Red Bed
3140	3145	5	Red Bed
3145	3150	5	Red Bed
3150	3155	5	Red Bed
3155	3160	5	Red Bed
3160	3165	5	Red Bed
3165	3170	5	Red Bed
3170	3175	5	Red Bed
3175	3180	5	Red Bed
3180	3185	5	Red Bed
3185	3190	5	Red Bed
3190	3195	5	Red Bed
3195	3200	5	Red Bed
3200	3205	5	Red Bed
3205	3210	5	Red Bed
3210	3215	5	Red Bed
3215	3220	5	Red Bed
3220	3225	5	Red Bed
3225	3230	5	Red Bed
3230	3235	5	Red Bed
3235	3240	5	Red Bed
3240	3245	5	Red Bed
3245	3250	5	Red Bed
3250	3255	5	Red Bed
3255	3260	5	Red Bed
3260	3265	5	Red Bed
3265	3270	5	Red Bed
3270	3275	5	Red Bed
3275	3280	5	Red Bed
3280	3285	5	Red Bed
3285	3290	5	Red Bed
3290	3295	5	Red Bed
3295	3300	5	Red Bed
3300	3305	5	Red Bed
3305	3310	5	Red Bed
3310	3315	5	Red Bed
3315	3320	5	Red Bed
3320	3325	5	Red Bed
3325	3330	5	Red Bed
3330	3335	5	Red Bed
3335	3340	5	Red Bed
3340	3345	5	Red Bed
3345	3350	5	Red Bed
3350	3355	5	Red Bed
3355	3360	5	Red Bed
3360	3365	5	Red Bed
3365	3370	5	Red Bed
3370	3375	5	Red Bed
3375	3380	5	Red Bed
3380	3385	5	Red Bed
3385	3390	5	Red Bed
3390	3395	5	Red Bed
3395	3400	5	Red Bed
3400	3405	5	Red Bed
3405	3410	5	Red Bed
3410	3415	5	Red Bed
3415	3420	5	Red Bed
3420	3425	5	Red Bed
3425	3430	5	Red Bed
3430	3435	5	Red Bed
3435	3440	5	Red Bed
3440	3445	5	Red Bed
3445	3450	5	Red Bed
3450	3455	5	Red Bed
3455	3460	5	Red Bed
3460	3465	5	Red Bed
3465	3470	5	Red Bed
3470	3475	5	Red Bed
3475	3480	5	Red Bed
3480	3485	5	Red Bed
3485	3490	5	Red Bed
3490	3495	5	Red Bed
3495	3500	5	Red Bed
3500	3505	5	Red Bed
3505	3510	5	Red Bed
3510	3515	5	Red Bed
3515	3520	5	Red Bed
3520	3525	5	Red Bed
3525	3530	5	Red Bed
3530	3535	5	Red Bed
3535	3540	5	Red Bed
3540	3545	5	Red Bed
3545	3550	5	Red Bed
3550	3555	5	Red Bed
3555	3560	5	Red Bed
3560	3565	5	Red Bed
3565	3570	5	Red Bed
3570	3575	5	Red Bed
3575	3580	5	Red Bed
3580	3585	5	Red Bed
3585	3590	5	Red Bed
3590	3595	5	Red Bed
3595	3600	5	Red Bed
3600	3605	5	Red Bed
3605	3610	5	Red Bed
3610	3615	5	Red Bed
3615	3620	5	Red Bed
3620	3625	5	Red Bed
3625	3630	5	Red Bed
3630	3635	5	Red Bed
3635	3640	5	Red Bed
3640	3645	5	Red Bed
3645	3650	5	Red Bed
3650	3655	5	Red Bed
3655	3660	5	Red Bed
3660	3665	5	Red Bed
3665	3670	5	Red Bed
3670	3675	5	Red Bed
3675	3680	5	Red Bed
3680	3685	5	Red Bed
3685	3690	5	Red Bed
3690	3695	5	Red Bed
3695	3700	5	Red Bed
3700	3705	5	Red Bed
3705	3710	5	Red Bed
3710	3715	5	Red Bed
3715	3720	5	Red Bed
3720	3725	5	Red Bed
3725	3730	5	Red Bed
3730	3735	5	Red Bed
3735	3740	5	Red Bed
3740	3745	5	Red Bed
3745	3750	5	Red Bed
3750	3755	5	Red Bed
3755	3760	5	Red Bed
3760	3765	5	Red Bed
3765	3770	5	Red Bed
3770	3775	5	Red Bed
3775	3780	5	Red Bed
3780	3785	5	Red Bed
3785	3790	5	Red Bed
3790	3795	5	Red Bed
3795	3800	5	Red Bed
3800	3805	5	Red Bed
3805	3810	5	Red Bed
3810	3815	5	Red Bed
3815	3820	5	Red Bed
3820	3825	5	Red Bed
3825	3830	5	Red Bed
3830	3835	5	Red Bed
3835	3840	5	Red Bed
3840	3845	5	Red Bed
3845	3850	5	Red Bed
3850	3855	5	Red Bed
3855	3860	5	Red Bed
3860	3865	5	Red Bed
3865	3870	5	Red Bed
3870	3875	5	Red Bed
3875	3880	5	Red Bed
3880	3885	5	Red Bed
3885	3890	5	Red Bed
3890	3895	5	Red Bed
3895	3900	5	Red Bed
3900	3905	5	Red Bed
3905	3910	5	Red Bed
3910	3915	5	Red Bed
3915	3920	5	Red Bed
3920	3925	5	Red Bed
3925	3930	5	Red Bed
3930	3935	5	Red Bed
3935	3940	5	Red Bed
3940	3945	5	Red Bed
3945	3950	5	Red Bed
3950	3955	5	Red Bed
3955	3960	5	Red Bed
3960	3965	5	Red Bed
3965	3970	5	Red Bed
3970	3975	5	Red Bed
3975	3980	5	Red Bed
3980	3985	5	Red Bed
3985	3990	5	Red Bed
3990	3995	5	Red Bed
3995	4000	5	Red Bed