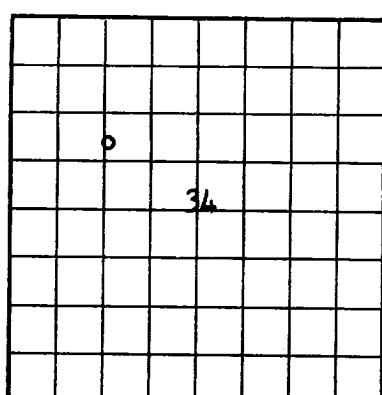


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 058179
LEASE OR PERMIT TO PROSPECT Leonard

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 398, Artesia, N. M.
Lessor or Tract Leonard Field High Lonesome State New Mexico
Well No. 6 Sec. 34 T. 16S R. 30E Meridian NMPM County Eddy
Location 1980 ft. N. of N Line and 660 ft. E. of W Line of Sec. 34 Elevation 3742
(Derives 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 Forrest WarrenDate June 5, 1942 Title Bookkeeper

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

Commenced drilling April 17, 1942 Finished drilling May 31, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1685 (Gas Show) to _____ No. 4, from _____ to _____
No. 2, from 2890 to 2900 No. 5, from _____ to _____
No. 3, from 2934 to 2950 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—	
<u>8 5/8"</u>				<u>490'</u>					
<u>7"</u>				<u>2275'</u>					
<u>5 1/2"</u>				<u>2800'</u>					
<u>7" casing pulled when 5 1/2" was set.</u>									

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>490'</u>	<u>50</u>			
<u>7"</u>	<u>2275'</u>				
<u>5 1/2"</u>	<u>2800'</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

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

_____, 19____ Put to producing June 1, 1942
First pay produced 35 bbls. on swabbing in 24 hrs. Second pay increased production to 75 bbls. in 24 hrs. flowing.
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil, _____ % emulsion, _____ % water, and _____ % sediment.

Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. R. White _____, Driller H. J. Whitaker _____, Driller
L. N. Dunham _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Sand & Red Shale
100	185	85	Red Sand & Shale
185	322	137	Red Sandy Shale
322	350	28	Anhydrite (Top Anhydrite 322')
350	460	110	Anhydrite & Red Rock
460	490	30	Red Rock & Anhydrite
490	505	15	Salt (Top of Salt 490')
505	525	20	Salt & Potash
525	575	50	Salt & Red Rock
575	615	40	Salt
615	685	70	Salt & Potash
685	730	45	Salt
730	755	25	Salt & Potash
755	845	90	Salt
845	950	105	Salt & Potash
950	1015	65	Salt
1015	1060	45	Salt, Anhydrite, & Ployrite
1060	1165	105	Salt
1165	1175	10	Anhydrite
1175	1635	460	Anhydrite & Red Rock
1635	1960	325	Anhydrite (Gas Show at 1685')
1960	2000	40	Anhydrite & Red Rock
2000	2227	227	Anhydrite
2227	2240	13	Red Sand (Top of red sand 2227')
2240	2255	15	Red Sand

(OVER)

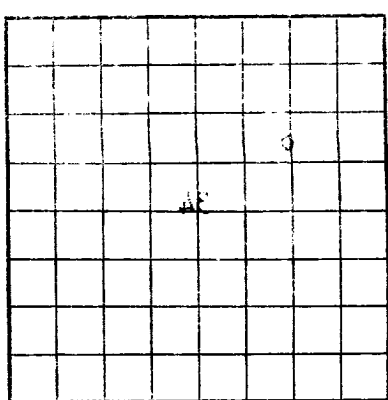
FORMATION RECORD—Continued

16-43094-2

U.S. Land Office
Serial Number
Please or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company
Lessor or Tract
Well No.
Location
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
The summary on this page is for the condition of the well at above date
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from

CASING RECORD

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 have been any changes made in the casing, state fully, and if any casing was "backtracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

MUDDING AND CEMENTING RECORD

Number sacks of cement
Mud used
Amount of mud used

PLUGS AND ADAPTERS

Heavy plug - Material
Adapters - Material

SHOOTING RECORD

Explosive used
Depth cleared out

TOOLS USED

Rotary tools were used from
Cable tools were used from

DATES

First production for the first 24 hours was
The production for the first 24 hours was

EMPLOYEES

Driller
Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Sand & Red shale
100	185	85	Red shale & shale
185	325	140	Red shale & shale
325	350	25	Shale (top of Adapter 325)
350	460	110	Shale & Red rock
460	480	20	Red rock & shale
480	505	25	Shale (top of Adapter 480)
505	525	20	Shale & Red rock
525	550	25	Shale
550	575	25	Shale & Red rock
575	600	25	Shale
600	625	25	Shale & Red rock
625	650	25	Shale
650	675	25	Shale & Red rock
675	700	25	Shale
700	725	25	Shale & Red rock
725	750	25	Shale
750	775	25	Shale & Red rock
775	800	25	Shale
800	825	25	Shale & Red rock
825	850	25	Shale
850	875	25	Shale & Red rock
875	900	25	Shale
900	925	25	Shale & Red rock
925	950	25	Shale
950	975	25	Shale & Red rock
975	1000	25	Shale
1000	1025	25	Shale & Red rock
1025	1050	25	Shale
1050	1075	25	Shale & Red rock
1075	1100	25	Shale
1100	1125	25	Shale & Red rock
1125	1150	25	Shale
1150	1175	25	Shale & Red rock
1175	1200	25	Shale
1200	1225	25	Shale & Red rock
1225	1250	25	Shale
1250	1275	25	Shale & Red rock
1275	1300	25	Shale
1300	1325	25	Shale & Red rock
1325	1350	25	Shale
1350	1375	25	Shale & Red rock
1375	1400	25	Shale
1400	1425	25	Shale & Red rock
1425	1450	25	Shale
1450	1475	25	Shale & Red rock
1475	1500	25	Shale
1500	1525	25	Shale & Red rock
1525	1550	25	Shale
1550	1575	25	Shale & Red rock
1575	1600	25	Shale
1600	1625	25	Shale & Red rock
1625	1650	25	Shale
1650	1675	25	Shale & Red rock
1675	1700	25	Shale
1700	1725	25	Shale & Red rock
1725	1750	25	Shale
1750	1775	25	Shale & Red rock
1775	1800	25	Shale
1800	1825	25	Shale & Red rock
1825	1850	25	Shale
1850	1875	25	Shale & Red rock
1875	1900	25	Shale
1900	1925	25	Shale & Red rock
1925	1950	25	Shale
1950	1975	25	Shale & Red rock
1975	2000	25	Shale
2000	2025	25	Shale & Red rock
2025	2050	25	Shale
2050	2075	25	Shale & Red rock
2075	2100	25	Shale
2100	2125	25	Shale & Red rock
2125	2150	25	Shale
2150	2175	25	Shale & Red rock
2175	2200	25	Shale
2200	2225	25	Shale & Red rock
2225	2250	25	Shale
2250	2275	25	Shale & Red rock
2275	2300	25	Shale
2300	2325	25	Shale & Red rock
2325	2350	25	Shale
2350	2375	25	Shale & Red rock
2375	2400	25	Shale
2400	2425	25	Shale & Red rock
2425	2450	25	Shale
2450	2475	25	Shale & Red rock
2475	2500	25	Shale
2500	2525	25	Shale & Red rock
2525	2550	25	Shale
2550	2575	25	Shale & Red rock
2575	2600	25	Shale
2600	2625	25	Shale & Red rock
2625	2650	25	Shale
2650	2675	25	Shale & Red rock
2675	2700	25	Shale
2700	2725	25	Shale & Red rock
2725	2750	25	Shale
2750	2775	25	Shale & Red rock
2775	2800	25	Shale
2800	2825	25	Shale & Red rock
2825	2850	25	Shale
2850	2875	25	Shale & Red rock
2875	2900	25	Shale
2900	2925	25	Shale & Red rock
2925	2950	25	Shale
2950	2975	25	Shale & Red rock
2975	3000	25	Shale
3000	3025	25	Shale & Red rock
3025	3050	25	Shale
3050	3075	25	Shale & Red rock
3075	3100	25	Shale
3100	3125	25	Shale & Red rock
3125	3150	25	Shale
3150	3175	25	Shale & Red rock
3175	3200	25	Shale
3200	3225	25	Shale & Red rock
3225	3250	25	Shale
3250	3275	25	Shale & Red rock
3275	3300	25	Shale
3300	3325	25	Shale & Red rock
3325	3350	25	Shale
3350	3375	25	Shale & Red rock
3375	3400	25	Shale
3400	3425	25	Shale & Red rock
3425	3450	25	Shale
3450	3475	25	Shale & Red rock
3475	3500	25	Shale
3500	3525	25	Shale & Red rock
3525	3550	25	Shale
3550	3575	25	Shale & Red rock
3575	3600	25	Shale
3600	3625	25	Shale & Red rock
3625	3650	25	Shale
3650	3675	25	Shale & Red rock
3675	3700	25	Shale
3700	3725	25	Shale & Red rock
3725	3750	25	Shale
3750	3775	25	Shale & Red rock
3775	3800	25	Shale
3800	3825	25	Shale & Red rock
3825	3850	25	Shale
3850	3875	25	Shale & Red rock
3875	3900	25	Shale
3900	3925	25	Shale & Red rock
3925	3950	25	Shale
3950	3975	25	Shale & Red rock
3975	4000	25	Shale
4000	4025	25	Shale & Red rock
4025	4050	25	Shale
4050	4075	25	Shale & Red rock
4075	4100	25	Shale
4100	4125	25	Shale & Red rock
4125	4150	25	Shale
4150	4175	25	Shale & Red rock
4175	4200	25	Shale
4200	4225	25	Shale & Red rock
4225	4250	25	Shale
4250	4275	25	Shale & Red rock
4275	4300	25	Shale
4300	4325	25	Shale & Red rock
4325	4350	25	Shale
4350	4375	25	Shale & Red rock
4375	4400	25	Shale
4400	4425	25	Shale & Red rock
4425	4450	25	Shale
4450	4475	25	Shale & Red rock
4475	4500	25	Shale
4500	4525	25	Shale & Red rock
4525	4550	25	Shale
4550	4575	25	Shale & Red rock
4575	4600	25	Shale
4600	4625	25	Shale & Red rock
4625	4650	25	Shale
4650	4675	25	Shale & Red rock
4675	4700	25	Shale
4700	4725	25	Shale & Red rock
4725	4750	25	Shale
4750	4775	25	Shale & Red rock
4775	4800	25	Shale
4800	4825	25	Shale & Red rock
4825	4850	25	Shale
4850	4875	25	Shale & Red rock
4875	4900	25	Shale
4900	4925	25	Shale & Red rock
4925	4950	25	Shale
4950	4975	25	Shale & Red rock
4975	5000	25	Shale
5000	5025	25	Shale & Red rock
5025	5050	25	Shale
5050	5075	25	Shale & Red rock
5075	5100	25	Shale
5100	5125	25	Shale & Red rock
5125	5150	25	Shale
5150	5175	25	Shale & Red rock
5175	5200	25	Shale
5200	5225	25	Shale & Red rock
5225	5250	25	Shale
5250	5275	25	Shale & Red rock
5275	5300	25	Shale
5300	5325	25	Shale & Red rock
5325	5350	25	Shale
5350	5375	25	Shale & Red rock
5375	5400	25	Shale
5400	5425	25	Shale & Red rock
5425	5450	25	Shale
5450	5475	25	Shale & Red rock
5475	5500	25	Shale
5500	5525	25	Shale & Red rock
5525	5550	25	Shale
5550	5575	25	Shale & Red rock
5575	5600	25	Shale
5600	5625	25	Shale & Red rock
5625	5650	25	Shale
5650	5675	25	Shale & Red rock
5675	5700	25	Shale
5700	5725	25	Shale & Red rock
5725	5750	25	Shale
5750	5775	25	Shale & Red rock
5775	5800	25	Shale
5800	5825	25	Shale & Red rock
5825	5850	25	Shale
5850	5875	25	Shale & Red rock
5875	5900	25	Shale
5900	5925	25	Shale & Red rock
5925	5950	25	Shale
5950	5975	25	Shale & Red rock
5975	6000	25	Shale
6000	6025	25	Shale & Red rock
6025	6050	25	Shale
6050	6075	25	Shale & Red rock
6075	6100	25	Shale
6100	6125	25	Shale & Red rock
6125	6150	25	Shale
6150	6175	25	Shale & Red rock
6175	6200	25	Shale
6200	6225	25	Shale & Red rock
6225	6250	25	Shale
6250	6275	25	Shale & Red rock
6275	6300	25	Shale
6300	6325	25	Shale & Red rock
6325	6350	25	Shale
6350	6375	25	Shale & Red rock
6375	6400	25	Shale
6400	6425	25	Shale & Red rock
6425	6450	25	Shale
6450	6475	25	Shale & Red rock
6475	6500	25	Shale
6500	6525	25	Shale & Red rock
6525	6550	25	Shale
6550	6575	25	Shale & Red rock
6575	6600	25	Shale
6600	6625	25	Shale & Red rock
6625	6650	25	Shale
6650	6675	25	Shale & Red rock
6675	6700	25	Shale
6700	6725	25	Shale & Red rock
6725	6750	25	Shale
6750	6775	25	Shale & Red rock
6775	6800	25	Shale
6800	6825	25	Shale & Red rock
6825	6850	25	Shale
6850	6875	25	Shale & Red rock
6875	6900	25	Shale
6900	6925	25	Shale & Red rock
6925	6950	25	Shale
6950	6975	25	Shale & Red rock
6975	7000	25	Shale
7000	7025	25	Shale & Red rock
7025	7050	25	Shale
7050	7075	25	Shale & Red rock
7075	7100	25	Shale
7100	7125	25	Shale & Red rock
7125	7150	25	Shale
7150	7175	25	Shale & Red rock
7175	7200	25	Shale
7200	7225	25	Shale & Red rock
7225	7250	25	Shale
7250	7275	25	Shale & Red rock
7275	7300	25	Shale
7300	7325	25	Shale & Red rock
7325	7350	25	Shale
7350	7375	25	Shale & Red rock
7375	7400	25	Shale
7400	7425	25	Shale & Red rock
7425	7450	25	Shale
7450	7475	25	Shale & Red rock
7475	7500	25	Shale
7500	7525	25	Shale & Red rock
7525	7550	25	Shale
7550	7575	25	Shale & Red rock
7575	7600	25	Shale
7600	7625	25	Shale & Red rock
7625	7650	25	Shale
7650	7675	25	Shale & Red rock
7675	7700	25	Shale
7700	7725	25	Shale & Red rock
7725	7750	25	Shale
7750	7775	25	Shale & Red rock
7775	7800	25	Shale
7800	7825	25	Shale & Red rock
7825	7850	25	Shale
7850	7875	25	Shale & Red rock
7875	7900	25	Shale
7900	7925	25	Shale & Red rock
7925	7950	25	Shale
7950	7975	25	Shale & Red rock
7975	8000	25	Shale
8000	8025	25	Shale & Red rock
8025	8050	25	Shale
8050	8075	25	Shale & Red rock
8075	8100	25	Shale
8100	8125	25	Shale & Red rock
8125	8150	25	Shale
8150	8175	25	Shale & Red rock
8175	8200	25	Shale
8200	8225	25	Shale & Red rock
8225	8250	25	Shale
8250	8275	25	Shale & Red rock
8275	8300	25	Shale
8300	8325	25	Shale & Red rock
8325	8350	25	Shale
8350	8375	25	