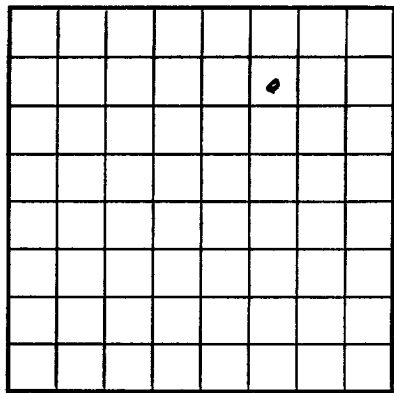




U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **056014**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Underwood & Sanders Address box 746, Artesia, N. M.
Lessor or Tract _____ Field Loco Hills State New Mexico
Well No. 2P Sec. 9 T. 18S R. 29E Meridian N. M. P. M. County Eddy
Location 990 ft. {N.} of N Line and 1650 ft. {E.} of E Line of Sec. 9 Elevation 3506 L.S.
(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 Martin Sanders Title Bookkeeper
Date Nov. 1, 1939

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

Commenced drilling Sept. 13, 1939 Finished drilling Oct. 28, 1939

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

No. 1, from 2472 to 2505 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 _____ 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 1/2"</u>	<u>28#</u>			<u>335'</u>	<u>H</u>				
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>335'</u>	<u>50</u>	<u>Haliburton</u>		
<u>7" OD</u>	<u>2380'</u>	<u>100</u>	<u>"</u>		<u>5 tons</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>Glycerin</u>	<u>150 qts</u>	<u>10/28/39</u>	<u>2511</u>	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2511 feet, and from _____ feet to _____ feet

DATES

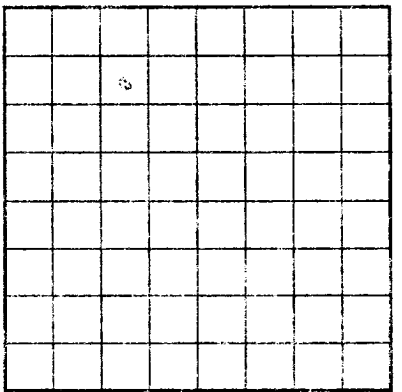
Nov. 1, 1939, 19____ Put to producing Nov. 16, 1939, 19____
The production for the first 24 hours was 160 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Willard Beaty, Driller Grover Mann, Driller
M. A. Waters, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>65</u>		<u>surface sand</u>
<u>65</u>	<u>95</u>		<u>gyp & red bed</u>
<u>95</u>	<u>195</u>		<u>gyp</u>
<u>195</u>	<u>255</u>		<u>red bed</u>
<u>255</u>	<u>300</u>		<u>anhydrite & red bed</u>
<u>300</u>	<u>320</u>		<u>gyp & red bed</u>
<u>320</u>	<u>605</u>		<u>salt</u>
<u>605</u>	<u>795</u>		<u>salt & anhydrite</u>
<u>795</u>	<u>826</u>		<u>anhydrite</u>
<u>826</u>	<u>844</u>		<u>anhydrite & red bed</u>
<u>844</u>	<u>877</u>		<u>anhydrite & shale</u>
<u>877</u>	<u>904</u>		<u>anhydrite</u>
<u>904</u>	<u>924</u>		<u>anhydrite</u>
<u>924</u>	<u>964</u>		<u>anhydrite & lime</u>
<u>964</u>	<u>1017</u>		<u>anhydrite & shale</u>
<u>1017</u>	<u>1066</u>		<u>anhydrite & sand</u>
<u>1066</u>	<u>1207</u>		<u>anhydrite & shale</u>
<u>1207</u>	<u>1281</u>		<u>anhydrite</u>
<u>1281</u>	<u>1354</u>		<u>anhydrite & shale</u>
<u>1354</u>	<u>1394</u>		<u>anhydrite</u>
<u>1394</u>	<u>1449</u>		<u>anhydrite & shale</u>
<u>1449</u>	<u>1574</u>		<u>anhydrite & shale</u>
<u>1574</u>	<u>1600</u>		<u>anhydrite</u>
<u>1600</u>	<u>1649</u>		<u>anhydrite</u>
<u>1649</u>	<u>1675</u>		<u>anhydrite</u>
<u>1675</u>	<u>2000</u>		<u>anhydrite</u>
<u>2000</u>	<u>2075</u>		<u>anhydrite</u>
<u>2075</u>	<u>2094</u>		<u>anhydrite & lime</u>



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Company _____
Lessor of Tract _____
Well No. _____ Sec. _____ T. _____ R. _____
Location _____ of _____ line and _____ of _____ line
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 _____
Date _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____ 19____
Finished drilling _____ 19____

OIL OR GAS SANDS OR ZONES

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

CASING RECORD

Casing size	Weight per foot	Threads per inch	Mark	Amount	Kind of steel	Cut and pulled from	Remarks	Purpose
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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 "backpacked" 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 water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud (gallons)	Amount of mud used
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PLUGS AND ADAPTERS

Adapter Material	Heavy plug Material	Length	Depth set
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SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Date	Depth from	Depth cleared out
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TOOLS USED

_____ tools were used from _____ feet to _____ feet
_____ tools were used from _____ feet to _____ feet

DATES

_____ to _____
The production for the first 24 hours was _____ barrels of oil of which _____ was water and _____ was gas.
It was well run for 24 hours _____ barrels of gas per 24 hours.
Rock pressure _____ lbs. per sq. in.

EMPLOYEES

_____ Driller
_____ Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
2094	2150	56	unpyritic shale
2150	2285	135	unpyritic shale
2285	2300	15	" "
2300	2324	24	unpyritic & sandy shale
2324	2341	17	Gray lime
2341	2358	17	Gray sandy lime
2358	2381	23	Gray lime
2381	2392	11	Gray lime
2392	2403	11	Gray lime
2403	2413	10	Gray lime
2413	2448	35	Gray sandy lime
2448	2478	30	Gray lime
2478	2494	16	Gray lime
2494	2500	6	unpyritic shale
2500	2520	20	unpyritic shale
2520	2530	10	unpyritic shale
2530	2540	10	unpyritic shale
2540	2550	10	unpyritic shale
2550	2560	10	unpyritic shale
2560	2570	10	unpyritic shale
2570	2580	10	unpyritic shale
2580	2590	10	unpyritic shale
2590	2600	10	unpyritic shale
2600	2610	10	unpyritic shale
2610	2620	10	unpyritic shale
2620	2630	10	unpyritic shale
2630	2640	10	unpyritic shale
2640	2650	10	unpyritic shale
2650	2660	10	unpyritic shale
2660	2670	10	unpyritic shale
2670	2680	10	unpyritic shale
2680	2690	10	unpyritic shale
2690	2700	10	unpyritic shale