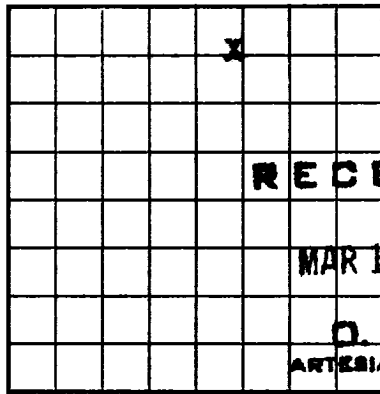




ILLEGIBLE

U. S. LAND OFFICE L. C.
SERIAL NUMBER 047200
LEASE OR PERMIT TO PROSPECT Y.M.S.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sanders Brothers Address Box 300, Artesia, New Mexico
Lessor or Tract Evans Field Square Lake State New Mexico
Well No. 12 Sec. 33 T. 16S R. 10E Meridian N.M.P.M. County Hddy
Location 560 ft. (N.) of N. Line and 1200 ft. (E.) of E. Line of Sec. 33 Elevation 3741
(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 Harriet H. HannerDate Dec. 29-1942 Title Bookkeeper

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

Commenced drilling October 20, 1942 Finished drilling December 20, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2042 to 2007 No. 4, from _____ to _____
No. 2, from 2002 to 2010 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 425 to _____ No. 3, from _____ to _____
No. 2, from 2150 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>10"</u>	<u>572</u>	<u>60</u>							
<u>7 1/2"</u>	<u>2750</u>	<u>100</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>10"</u>	<u>572</u>	<u>60</u>			
<u>7 1/2"</u>	<u>2750</u>	<u>100</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>3 1/2"</u>	<u>1</u>	<u>N. C.</u>	<u>20</u>	<u>12-16-42</u>	<u>2007</u>	<u>2073</u>
<u>4 1/2"</u>	<u>(1-4) (2-4)</u>	<u>N. C.</u>	<u>70</u>	<u>" "</u>	<u>2072</u>	<u>2095</u>
<u>3 1/2"</u>	<u>(2-32) (3-42)</u>	<u>N. C.</u>	<u>120</u>	<u>" "</u>	<u>2094</u>	<u>2097</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 2047 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing January 1, 1943The production for the first 24 hours was 40 barrels of fluid of which 100% 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

M. E. Hargis, Driller E. E. Mitton, Driller
A. C. Underwood, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>70</u>	<u>70</u>	<u>Packed Sand</u>
<u>70</u>	<u>135</u>	<u>65</u>	<u>Red Rock</u>
<u>135</u>	<u>270</u>	<u>235</u>	<u>Red Shale</u>
<u>270</u>	<u>425</u>	<u>155</u>	<u>Anhydrite broken</u>
<u>425</u>	<u>430</u>	<u>5</u>	<u>Water</u>
<u>430</u>	<u>545</u>	<u>115</u>	<u>Anhydrite</u>
<u>545</u>	<u>578</u>	<u>33</u>	<u>Anhydrite & Shale</u>
<u>578</u>	<u>595</u>	<u>17</u>	<u>Salt</u>
<u>595</u>	<u>605</u>	<u>10</u>	<u>Red Rock</u>
<u>605</u>	<u>650</u>	<u>45</u>	<u>Anhydrite & Salt</u>
<u>650</u>	<u>670</u>	<u>20</u>	<u>Salt</u>
<u>670</u>	<u>690</u>	<u>20</u>	<u>Potash</u>
<u>690</u>	<u>1115</u>	<u>425</u>	<u>Salt</u>
<u>1115</u>	<u>1140</u>	<u>25</u>	<u>Anhydrite</u>
<u>1140</u>	<u>1190</u>	<u>50</u>	<u>Anhydrite & Red Rock</u>
<u>1190</u>	<u>1275</u>	<u>85</u>	<u>Anhydrite</u>
<u>1275</u>	<u>1300</u>	<u>25</u>	<u>Anhydrite & Shale</u>
<u>1300</u>	<u>1325</u>	<u>25</u>	<u>Red Rock</u>
<u>1325</u>	<u>1380</u>	<u>55</u>	<u>Red Rock & Anhydrite</u>
<u>1380</u>	<u>1400</u>	<u>20</u>	<u>Anhydrite & Shale</u>
<u>1400</u>	<u>1450</u>	<u>50</u>	<u>Red Rock & Anhydrite</u>
<u>1450</u>	<u>1915</u>	<u>465</u>	<u>Anhydrite</u>
<u>1915</u>	<u>1945</u>	<u>30</u>	<u>Anhydrite & Red Rock</u>
<u>1945</u>	<u>1995</u>	<u>50</u>	<u>Anhydrite</u>
<u>1995</u>	<u>2010</u>	<u>15</u>	<u>Anhydrite & Shale</u>

(OVER)

6-5745

FORMATION KNOWN—CONTINUED

[illegible]

LOCATE WELL CORRECTLY

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

Date 12-28-1914 Title Black River

Signed W. H. Black

The information given herewith is a complete and correct record of the well and all work done thereon

Location ft. 8 of Line and ft. 17 of Line of Elevation (Dipstick hole relative to sea level)

Well No. 1 Sec. 1 T. 1 R. 1 Meridian County State Field

Lessor or Tract _____ Address _____ Company _____

Commenced drilling 19.....
Finished drilling 19.....

OIL OR GAS SANDS OR ZONES

(Dereale das py G)

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. 2 from _____ to _____
No. 3 from _____ to _____

CASING RECORD

Capital Share	Weight per foot	Through inch	Thrust per inch	Amount	Kind of shoe	Kind of rock	From—	To—	Remarks
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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 "sidetracked" 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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 6-6745

MUDDING AND CEMENTING RECORD

Case	Where set	Number acres of cement	Gravel used	Gravel quantity	Base brick to be used

Adapters—Material	Length	Depth set
Heavy plug—Material		

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet, and from	feet to
Cable tools were used from	feet to	feet, and from	feet to

DATE

The production for the first 24 hours was	18	Put to producing	10
barrels of fluid of which 22 was oil;			

Rock pressure, lbs. per sq. in.					
If gas well, cut in gas pressure					
% water; and % sediment					
Gravel, %					

EMPLOYEES

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
2310	2348	158	Amalgamite
2348	2370	22	Red sand & shales
2370	2460	90	Red sand
2460	2470	10	Amalgamite
2470	2500	30	Amalgamite
2500	2540	40	Amalgamite
2540	2560	20	Amalgamite
2560	2600	40	Amalgamite
2600	2660	60	Amalgamite
2660	2700	40	Amalgamite
2700	2740	40	Amalgamite
2740	2800	60	Amalgamite
2800	2820	20	Amalgamite
2820	2840	20	Amalgamite
2840	2860	20	Amalgamite
2860	2900	40	Amalgamite
2900	2940	40	Amalgamite
2940	2960	20	Amalgamite
2960	2980	20	Amalgamite
2980	3000	20	Amalgamite
3000	3020	20	Amalgamite
3020	3040	20	Amalgamite
3040	3060	20	Amalgamite
3060	3080	20	Amalgamite
3080	3100	20	Amalgamite
3100	3120	20	Amalgamite
3120	3140	20	Amalgamite
3140	3160	20	Amalgamite
3160	3180	20	Amalgamite
3180	3200	20	Amalgamite
3200	3220	20	Amalgamite
3220	3240	20	Amalgamite
3240	3260	20	Amalgamite
3260	3280	20	Amalgamite
3280	3300	20	Amalgamite
3300	3320	20	Amalgamite
3320	3340	20	Amalgamite
3340	3360	20	Amalgamite
3360	3380	20	Amalgamite
3380	3400	20	Amalgamite
3400	3420	20	Amalgamite
3420	3440	20	Amalgamite
3440	3460	20	Amalgamite
3460	3480	20	Amalgamite
3480	3500	20	Amalgamite
3500	3520	20	Amalgamite
3520	3540	20	Amalgamite
3540	3560	20	Amalgamite
3560	3580	20	Amalgamite
3580	3600	20	Amalgamite
3600	3620	20	Amalgamite
3620	3640	20	Amalgamite
3640	3660	20	Amalgamite
3660	3680	20	Amalgamite
3680	3700	20	Amalgamite
3700	3720	20	Amalgamite
3720	3740	20	Amalgamite
3740	3760	20	Amalgamite
3760	3780	20	Amalgamite
3780	3800	20	Amalgamite
3800	3820	20	Amalgamite
3820	3840	20	Amalgamite
3840	3860	20	Amalgamite
3860	3880	20	Amalgamite
3880	3900	20	Amalgamite
3900	3920	20	Amalgamite
3920	3940	20	Amalgamite
3940	3960	20	Amalgamite
3960	3980	20	Amalgamite
3980	4000	20	Amalgamite
4000	4020	20	Amalgamite
4020	4040	20	Amalgamite
4040	4060	20	Amalgamite
4060	4080	20	Amalgamite
4080	4100	20	Amalgamite
4100	4120	20	Amalgamite
4120	4140	20	Amalgamite
4140	4160	20	Amalgamite
4160	4180	20	Amalgamite
4180	4200	20	Amalgamite
4200	4220	20	Amalgamite
4220	4240	20	Amalgamite
4240	4260	20	Amalgamite
4260	4280	20	Amalgamite
4280	4300	20	Amalgamite
4300	4320	20	Amalgamite
4320	4340	20	Amalgamite
4340	4360	20	Amalgamite
4360	4380	20	Amalgamite
4380	4400	20	Amalgamite
4400	4420	20	Amalgamite
4420	4440	20	Amalgamite
4440	4460	20	Amalgamite
4460	4480	20	Amalgamite
4480	4500	20	Amalgamite
4500	4520	20	Amalgamite
4520	4540	20	Amalgamite
4540	4560	20	Amalgamite
4560	4580	20	Amalgamite
4580	4600	20	Amalgamite
4600	4620	20	Amalgamite
4620	4640	20	Amalgamite
4640	4660	20	Amalgamite
4660	4680	20	Amalgamite
4680	4700	20	Amalgamite
4700	4720	20	Amalgamite
4720	4740	20	Amalgamite
4740	4760	20	Amalgamite
4760	4780	20	Amalgamite
4780	4800	20	Amalgamite
4800	4820	20	Amalgamite
4820	4840	20	Amalgamite
4840	4860	20	Amalgamite
4860	4880	20	Amalgamite
4880	4900	20	Amalgamite
4900	4920	20	Amalgamite
4920	4940	20	Amalgamite
4940	4960	20	Amalgamite
4960	4980	20	Amalgamite
4980	5000	20	Amalgamite

FORMATION RECORD—Continued

(1977)

2470--0