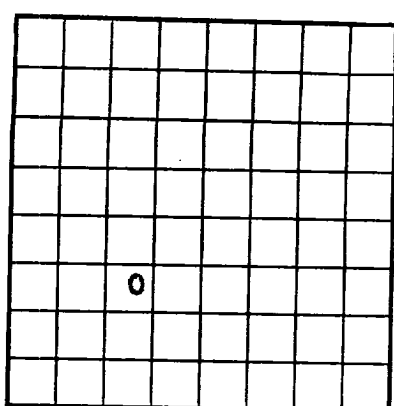
U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054253
LEASE OR PERMIT TO PROSPECT Drainard

LOCATE WELL CORRECTLY

HOBBS OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

DUPLICATE

Company J. A. Yates Address Box 352, Artesia, New Mexico
Lessor or Tract Julia Drainard Field Leeco Hills State New Mexico
Well No. 3 Sec. 3 T. 12S R. 29E Meridian N. M. P. M. County Eddy
Location 1650 ft. {N.} of S. Line and 1650 ft. {E.} of W. Line of Section 3 Elevation 3516 ft.
(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 J. A. YatesDate December 31, 1939 Title Owner

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

Commenced drilling November 31, 1939, 19... Finished drilling December 27, 1939, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2605 to 2621 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 None 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—	
8" 00	24 lb.	10	Halliburton	412'	Plain				
7" 00	20 lb.	10	Halliburton	2487'	Plain				

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
8" 00	412'	50	Halliburton		
7" 00	2487'	100	Halliburton		3 tons

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
5 1/2"		Nitro-glycerine	90 qts.		2602-2621	2621

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2621 feet, and from _____ feet to _____ feet

DATES

Put to producing December 28, 1939

The production for the first 24 hours was 400 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

G. H. Crandall, Driller G. V. Miller, Driller
J. B. Bryant, Driller Hollis Langley, Driller

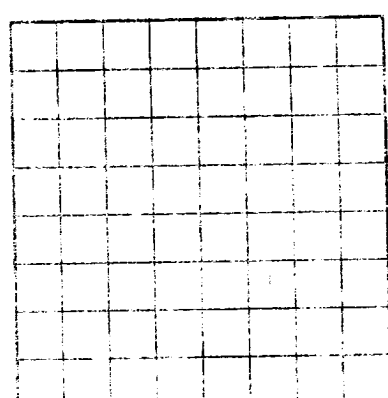
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red sand & mud
50	60	10	Red rock
60	70	10	Shale
70	120	50	Red rock & Gyp
120	150	30	Red rock
150	235	85	Gypsum
235	240	5	Red rock
240	255	15	Gyp
255	285	30	Red rock
285	300	15	Water sand
300	390	90	Red rock
390	397	7	Anhydrite
397	401	4	Red rock
401	412	11	Salt & potash
412	485	73	Salt & shells
485	565	80	Salt & potash
565	660	95	Salt
660	705	45	Salt & potash
705	865	160	Salt
865	880	15	Anhydrite
880	895	15	Anhydrite & Shale broken
895	925	30	Anhydrite
925	980	55	Anhydrite - Broken
980	1070	90	Anhydrite
1070	1130	60	Broken Anhydrite & Red sand

(OVER)

6-6745

FORMATION RECORD—CONTINUED



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
UNITED STATES

UNITED STATES

HO-482 OFFICE

GEOLOGICAL SURVEY

Company Name _____ Address _____
 Name of Trust _____ Field _____ State _____
 Well No. _____ Section _____ Township _____ Range _____
 Location of the _____ of _____ of _____
 T. Information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from the available records.

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

Date _____

Signed _____

..... 91 Finished drilling 91 Turnaround drilling

OIL OR GAS SANDS OR ZONES

(G) 1.2.2016 (Monday)

No. 1 from		to	Zo. A from		to
No. 2 from		to	Zo. B from		to
No. 3 from		to	Zo. C from		to

IMPORTANT WATER SANDS

[illegible]

CASING RECORD

Size per 1000	Threads per inch	Make	Amount	Kind of shoe cut and thread used	Estimated	Purpose
------------------	---------------------	------	--------	-------------------------------------	-----------	---------

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 bailing.

HISTORY OF OIL OR GAS WELL

SLUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Case 1:19-cv-01007 Document 1-1 Filed 07/25/19 Page 1 of 1

SHOOTING RECORD.

[illegible]

ADUSS - 22104000

FORMATION	THICKNESS	FEET	FEET
Broken Anhydrite & red rock	50	1180	1205
Anhydrite	25	1205	1235
red rock	10	1235	1245
Anhydrite	10	1245	1255
Broken Anhydrite	25	1280	1330
Anhydrite	50	1330	1345
Lime & anhydrite broken	15	1345	1355
Anhydrite	10	1355	1375
Anhydrite bedded sand	20	1375	1395
Lime	20	1395	1435
Anhydrite - red rock	40	1435	1475
Anhydrite	40	1475	1525
Brown Lime & Anhydrite	50	1525	1530
Lime	5	1530	1700
Anhydrite	170	1700	1725
Lime	25	1725	1730
Lime & Anhydrite	5	1730	1810
Anhydrite	80	1810	1845
Anhydrite & red rock	35	1845	1890
Anhydrite & sandy red rock	45	1890	2070
Anhydrite	120	2070	2077
Anhydrite & shale broken	7	2077	2085
Anhydrite & red sand	8	2085	2120
red sand	35	2120	2260
Anhydrite	140	2260	2285
Lime & Anhydrite	25	2285	
TOTAL	140		