

RECEIVED

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

MAR 10 1977

**D. C. C. UNITED STATES
ANTHROPOLOGICAL DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company S. P. Yates Address Box 352; Artesia, New Mexico

Lessor or Tract Julia Brainard Field Loco Hills State New Mexico

Well No. 1 Sec. 3 T. 18S R. 29E Meridian N. M. P. M. County Eddy

Location 330ft. {N. of S. Line and 330ft. {E. of W Line of Section 3 Elevation 3541'
(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. Don Hudgens
Title Auditor

Date October 28, 1939

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

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

Commenced drilling Sept. 6, 1939 Finished drilling October 13, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2564 to 2583

No. 2, from to

No. 3, from to

No. 4, from to

No. 5, from to

No. 6, from to

IMPORTANT WATER SANDS

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

CASING RECORD

CASING RECORD									
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
800 24#									
1. History of Oil or Gas Well									
2. Location of well									
3. Direction of well									
4. Depth of well									
5. Kind of rock									
6. Kind of casing									
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8. Kind of cement									
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10. Kind of sand									
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MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 OD	389	50	Halliburton		
" OD	2365	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"		nitro-glycerine	100 qts.		2563-2588	2593

TOOLS USED

Rotary tools were used from 200 feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 2593 feet, and from 2593 feet to _____ feet.

DATES

DATE _____ Put to producing _____ October 13, 1939

_____, 19____ The production for the first 24 hours was 600 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

C. R. Crandall	Driller	C. V. Miller	Driller
J. B. Bryant	Driller	Oscar Loyd	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	70	70	Sand
70	110	40	Caletchie
110	130	20	Anhydrite
130	165	35	Anhydrite & Gypson
165	230	65	Anhydrite
230	330	100	Red Rock
330	350	20	Red Mud
350	357	7	Anhydrite Broken
357	370	13	Anhydrite
370	384	14	Salt & Potash
384	400	16	Salt, Potash & Red Rock
400	685	285	Salt & Potash
685	700	15	Anhydrite Broken
700	840	140	Salt
840	850	10	Anhydrite Broken
850	875	25	Anhydrite Broken/
875	885	10	Grey Shale
885	1035	150	Anhydrite
1035	1110	75	Anhydrite & Red Rock
1110	1150	40	Anhydrite
1150	1155	5	Anhydrite & Red Rock
1155	1185	30	Anhydrite
1185	1215	30	Anhydrite & Red Mud
1215	1225	10	Anhydrite
1225	1235	10	Grey Shale
1235	1250	15	Red Rock

FORMATION RECORD—Continued

Leave on flight to Prospect Heights

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A 10x10 grid with the number 0 in the bottom right corner.

LOCATE WELL CORRECTLY

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 _____

Location X of S. Line and 330' E. of W. Line of Section 8
Well No. I, Sec. 3, T. 18 N., R. 29 E., M. 6 N., Adva.
Lessor or Trust Julia Livingston Field loco Hills State New Mexico
Company S. P. Yates Address Box 352; Artesia, New Mexico LOCATE WELL CORRECTLY

1046 Oct 25, 1951

Completed drilling Sept. 6, 1932 Finished drilling October 13, 1932

OIL OR GAS SANDS OR ZONES

(b) (7)(C), (b) (7)(D)

No. 8 from	to	No. 6 from	to
No. 5 from	to	No. 5 from	to
No. 4 from	to	No. 4 from	to
No. 3 from	to	No. 3 from	to

IMPORTANT WATER SANDS

No. 1 from
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CASING RECORD

Case No.	Case Name	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From - To -	Purposes
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7. The greatest importance to having a complete history of the well. It should state in detail the dates of redrilling together with the reasons for the work and its results. It should also state in detail the dates of casing, size, position, and number of changes made in the casing, state fully, and if any casing was "struck", 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 left in the well, state their location. It should also state the material used, position, and results of pumping or dewatering.

HISTORY OF OIL OR GAS WELL

SPR	W here set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 578 05	388	50	Halliburton		
8 578 05	388	100	Halliburton		3 tons

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Serial	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
52	nitro-glycerine	100 lbs.	3563-3588	3563-3588	3563

TOOTS SHOOT

1964

FORM

FORMATION	Red Rock	15	TOTAL FEET	1550
	Grey Shale	15		1535
	Amphibolite & Red Ironk	15		1520
	Amphibolite	15		1505
	Amphibolite	15		1490
	Amphibolite	15		1475
	Amphibolite	15		1460
	Amphibolite & Red Rock	15		1445
	Amphibolite	15		1430
	Amphibolite	15		1415
	Amphibolite	15		1400
	Amphibolite	15		1385
	Amphibolite	15		1370
	Amphibolite	15		1355
	Amphibolite	15		1340
	Amphibolite	15		1325
	Amphibolite	15		1310
	Amphibolite	15		1295
	Amphibolite	15		1280
	Amphibolite	15		1265
	Amphibolite	15		1250
	Amphibolite	15		1235
	Amphibolite	15		1220
	Amphibolite	15		1205
	Amphibolite	15		1190
	Amphibolite	15		1175
	Amphibolite	15		1160
	Amphibolite	15		1145
	Amphibolite	15		1130
	Amphibolite	15		1115
	Amphibolite	15		1100
	Amphibolite	15		1085
	Amphibolite	15		1070
	Amphibolite	15		1055
	Amphibolite	15		1040
	Amphibolite	15		1025
	Amphibolite	15		1010
	Amphibolite	15		995
	Amphibolite	15		980
	Amphibolite	15		965
	Amphibolite	15		950
	Amphibolite	15		935
	Amphibolite	15		920
	Amphibolite	15		905
	Amphibolite	15		890
	Amphibolite	15		875
	Amphibolite	15		860
	Amphibolite	15		845
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	Amphibolite	15		770
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Ogria — 25575
Prop — 12473
Pcoj — 39520

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