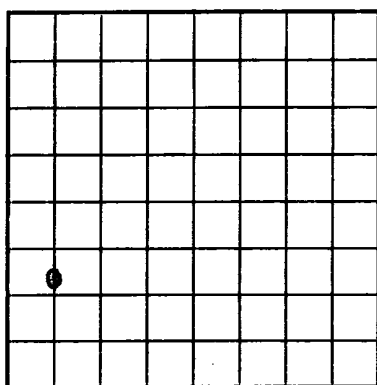


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054253
LEASE OR PERMIT TO PROSPECT Brainard

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**GEOLOGICAL SURVEY
RECEIVED**
FEB 26 1940
Roswell, New Mexico**LOG OF OIL OR GAS WELL**Company E. P. YATES Address Box 352, Artesia, New Mexico
Lessor or Tract Julia Brainard Field Loco Hills State New Mexico
Well No. 4 Sec. 3 T. 18S R. 29E Meridian N. M. P. M. County Eddy
Location 1650 ft. {N.} of S. Line and 660 ft. {E.} of W. Line of Sec. 3, T18S, R29E Elevation 3516
(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
Date February 21, 1940 Title Auditor

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

Commenced drilling January 18, 1940 Finished drilling February 12, 1940**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 2562 to 2579 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 1/2" OD	24	10	S.H.	396'	Plain				
7" OD	20	10	S.H.	100'	Plain				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2" OD	402	50	Halliburton		
7" OD	2456	100	Halliburton		3 tons

PLUGS AND ADAPTERSHeaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5"		Nitro-glycerin	80 qts	2/13/40	2562-2581	2581

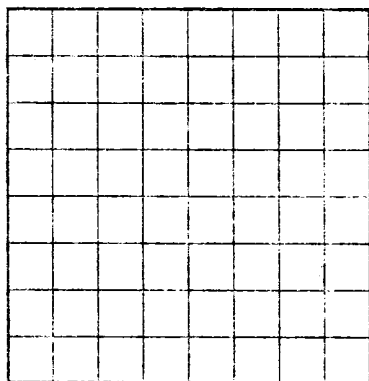
TOOLS USEDRotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2581 feet, and from _____ feet to _____ feet**DATES**_____, 19____ Put to producing February 16, 1940The production for the first 24 hours was 700 barrels of fluid of 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. _____

EMPLOYEESC. V. Miller _____, Driller A. E. Maxwell _____, Driller
J. B. Bryant _____, Driller R. O. Jacobs _____, Driller**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
2562	2581	19	Red Mud
2581	2595	14	Red Mud
2595	2610	15	Red Mud
2610	2625	15	Red Mud
2625	2640	15	Red Mud
2640	2655	15	Red Mud
2655	2670	15	Red Mud
2670	2685	15	Red Mud
2685	2700	15	Red Mud
2700	2715	15	Red Mud
2715	2730	15	Red Mud
2730	2745	15	Red Mud
2745	2760	15	Red Mud
2760	2775	15	Red Mud
2775	2790	15	Red Mud
2790	2805	15	Red Mud
2805	2820	15	Red Mud
2820	2835	15	Red Mud
2835	2850	15	Red Mud
2850	2865	15	Red Mud
2865	2880	15	Red Mud
2880	2895	15	Red Mud
2895	2910	15	Red Mud
2910	2925	15	Red Mud
2925	2940	15	Red Mud
2940	2955	15	Red Mud
2955	2970	15	Red Mud
2970	2985	15	Red Mud
2985	3000	15	Red Mud
3000	3015	15	Red Mud
3015	3030	15	Red Mud
3030	3045	15	Red Mud
3045	3060	15	Red Mud
3060	3075	15	Red Mud
3075	3090	15	Red Mud
3090	3105	15	Red Mud
3105	3120	15	Red Mud
3120	3135	15	Red Mud
3135	3150	15	Red Mud
3150	3165	15	Red Mud
3165	3180	15	Red Mud
3180	3195	15	Red Mud
3195	3210	15	Red Mud
3210	3225	15	Red Mud
3225	3240	15	Red Mud
3240	3255	15	Red Mud
3255	3270	15	Red Mud
3270	3285	15	Red Mud
3285	3300	15	Red Mud
3300	3315	15	Red Mud
3315	3330	15	Red Mud
3330	3345	15	Red Mud
3345	3360	15	Red Mud
3360	3375	15	Red Mud
3375	3390	15	Red Mud
3390	3405	15	Red Mud
3405	3420	15	Red Mud
3420	3435	15	Red Mud
3435	3450	15	Red Mud
3450	3465	15	Red Mud
3465	3480	15	Red Mud
3480	3495	15	Red Mud
3495	3510	15	Red Mud
3510	3525	15	Red Mud
3525	3540	15	Red Mud
3540	3555	15	Red Mud
3555	3570	15	Red Mud
3570	3585	15	Red Mud
3585	3600	15	Red Mud
3600	3615	15	Red Mud
3615	3630	15	Red Mud
3630	3645	15	Red Mud
3645	3660	15	Red Mud
3660	3675	15	Red Mud
3675	3690	15	Red Mud
3690	3705	15	Red Mud
3705	3720	15	Red Mud
3720	3735	15	Red Mud
3735	3750	15	Red Mud
3750	3765	15	Red Mud
3765	3780	15	Red Mud
3780	3795	15	Red Mud
3795	3810	15	Red Mud
3810	3825	15	Red Mud
3825	3840	15	Red Mud
3840	3855	15	Red Mud
3855	3870	15	Red Mud
3870	3885	15	Red Mud
3885	3900	15	Red Mud
3900	3915	15	Red Mud
3915	3930	15	Red Mud
3930	3945	15	Red Mud
3945	3960	15	Red Mud
3960	3975	15	Red Mud
3975	3990	15	Red Mud
3990	4005	15	Red Mud
4005	4020	15	Red Mud
4020	4035	15	Red Mud
4035	4050	15	Red Mud
4050	4065	15	Red Mud
4065	4080	15	Red Mud
4080	4095	15	Red Mud
4095	4110	15	Red Mud
4110	4125	15	Red Mud
4125	4140	15	Red Mud
4140	4155	15	Red Mud
4155	4170	15	Red Mud
4170	4185	15	Red Mud
4185	4200	15	Red Mud
4200	4215	15	Red Mud
4215	4230	15	Red Mud
4230	4245	15	Red Mud
4245	4260	15	Red Mud
4260	4275	15	Red Mud
4275	4290	15	Red Mud
4290	4305	15	Red Mud
4305	4320	15	Red Mud
4320	4335	15	Red Mud
4335	4350	15	Red Mud
4350	4365	15	Red Mud
4365	4380	15	Red Mud
4380	4395	15	Red Mud
4395	4410	15	Red Mud
4410	4425	15	Red Mud
4425	4440	15	Red Mud
4440	4455	15	Red Mud
4455	4470	15	Red Mud
4470	4485	15	Red Mud
4485	4500	15	Red Mud
4500	4515	15	Red Mud
4515	4530	15	Red Mud
4530	4545	15	Red Mud
4545	4560	15	Red Mud
4560	4575	15	Red Mud
4575	4590	15	Red Mud
4590	4605	15	Red Mud
4605	4620	15	Red Mud
4620	4635	15	Red Mud
4635	4650	15	Red Mud
4650	4665	15	Red Mud
4665	4680	15	Red Mud
4680	4695	15	Red Mud
4695	4710	15	Red Mud
4710	4725	15	Red Mud
4725	4740	15	Red Mud
4740	4755	15	Red Mud
4755	4770	15	Red Mud
4770	4785	15	Red Mud
4785	4800	15	Red Mud
4800	4815	15	Red Mud
4815	4830	15	Red Mud
4830	4845	15	Red Mud
4845	4860	15	Red Mud
4860	4875	15	Red Mud
4875	4890	15	Red Mud
4890	4905	15	Red Mud
4905	4920	15	Red Mud
4920	4935	15	Red Mud
4935	4950	15	Red Mud
4950	4965	15	Red Mud
4965	4980	15	Red Mud
4980	4995	15	Red Mud
4995	5010	15	Red Mud
5010	5025	15	Red Mud
5025	5040	15	Red Mud
5040	5055	15	Red Mud
5055	5070	15	Red Mud
5070	5085	15	Red Mud
5085	5100	15	Red Mud
5100	5115	15	Red Mud
5115	5130	15	Red Mud
5130	5145	15	Red Mud
5145	5160	15	Red Mud
5160	5175	15	Red Mud
5175	5190	15	Red Mud
5190	5205	15	Red Mud
5205	5220	15	Red Mud
5220	5235	15	Red Mud
5235	5250	15	Red Mud
5250	5265	15	Red Mud
5265	5280	15	Red Mud
5280	5295	15	Red Mud
5295	5310	15	Red Mud
5310	5325	15	Red Mud
5325	5340	15	Red Mud
5340	5355	15	Red Mud
5355	5370	15	Red Mud
5370	5385	15	Red Mud
5385	5400	15	Red Mud
5400	5415	15	Red Mud
5415	5430	15	Red Mud
5430	5445	15	Red Mud
5445	5460	15	Red Mud
5460	5475	15	Red Mud
5475	5490	15	Red Mud
5490	5505	15	Red Mud
5505	5520	15	Red Mud
5520	5535	15	Red Mud
5535	5550	15	Red Mud
5550	5565	15	Red Mud
5565	5580	15	Red Mud
5580	5595	15	Red Mud
5595	5610	15	Red Mud
5610	5625	15	Red Mud
5625	5640	15	Red Mud
5640	5655	15	Red Mud
5655	5670	15	Red Mud
5670	5685	15	Red Mud
5685	5700	15	Red Mud
5700	5715	15	Red Mud
5715	5730	15	Red Mud
5730	5745	15	Red Mud
5745	5760	15	Red Mud
5760	5775	15	Red Mud
5775	5790	15	Red Mud
5790	5805	15	Red Mud
5805	5820	15	Red Mud
5820	5835	15	Red Mud
5835	5850	15	Red Mud
5850	5865	15	Red Mud
5865	5880	15	Red Mud
5880	5895	15	Red Mud
5895	5910	15	Red Mud
5910	5925	15	Red Mud
5925	5940	15	Red Mud
5940	5955	15	Red Mud
5955	5970	15	Red Mud
5970	5985	15	Red Mud
5985	6000	15	Red Mud
6000	6015	15	Red Mud
6015	6030	15	Red Mud
6030	6045	15	Red Mud
6045	6060	15	Red Mud
6060	6075	15	Red Mud
6075	6090	15	Red Mud
6090	6105	15	Red Mud
6105	6120	15	Red Mud
6120	6135	15	Red Mud
6135	6150	15	Red Mud
6150	6165	15	Red Mud
6165	6180	15	Red Mud
6180	6195	15	Red Mud
6195	6210	15	Red Mud
6210	6225	15	Red Mud
6225	6240	15	Red Mud
6240	6255	15	Red Mud
6255	6270	15	Red Mud
6270	6285	15	Red Mud
6285	6300	15	Red Mud
6300	6315	15	Red Mud
6315	6330	15	Red Mud
6330	6345	15	Red Mud
6345	6360	15	Red Mud
6360	6375	15	Red Mud
6375	6390	15	Red Mud
6390	6405	15	Red Mud
6405	6420	15	Red Mud
6420	6435	15	Red Mud
6435	6450	15	Red Mud
6450	6465	15	Red Mud
6465	6480	15	Red Mud
6480	6495	15	Red Mud
6495	6510	15	Red Mud
6510	6525	15	Red Mud
6525	6540	15	Red Mud
6540	6555	15	Red Mud
6555	6570	15	Red Mud
6570	6585	15	Red Mud
6585	6600	15	Red Mud



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

U. S. LAND OFFICE
SERIAL NUMBER
PLEASE ON PERMIT TO PROSPECT
RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES
Geological Survey
Received from

Company
Address
Lessor or Trust
Well No.
Location
The information given here is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Drill
The summary on this page is for the condition of the well at above date.
Completed drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

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

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Size	Weight	Threads	Make	Amount	Kind of shoe	From	To	Purposes
--------	------	--------	---------	------	--------	--------------	------	----	----------

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 "struck" or left in the well, give the reason 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 balling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing	Size	Where set	Number sacks of cement	Method used	Mud grade	Amount of mud used
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PLUGS AND ADAPTERS

Size	Length	Depth set
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SHOOTING RECORD

Size	Depth set	Quantity	Depth set	Depth set out
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TOOLS USED

Tool	Size	Depth set	Depth set
------	------	-----------	-----------

DATES

Date	Event
------	-------

EMPLOYEES

Name	Position
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FORMATION RECORD

FORMATION	DEPTH	FORMATION	DEPTH
Gray Limestone	2578	Gray Limestone	2578
Oil sand	2562	Oil sand	2562
Sandy limestone	2560	Sandy limestone	2560
Gray limestone, sandy sharp	2548	Gray limestone, sandy sharp	2548
Gray limestone	2545	Gray limestone	2545
Broken limestone	2530	Broken limestone	2530
Gray limestone (hard)	2525	Gray limestone (hard)	2525
Red sand and anhydrite	2505	Red sand and anhydrite	2505
Red sand	2330	Red sand	2330
Limestone	2322	Limestone	2322
Anhydrite	2310	Anhydrite	2310
Anhydrite and red sand	2300	Anhydrite and red sand	2300
Red rock	2265	Red rock	2265
Hard limestone	2260	Hard limestone	2260
Limestone	2240	Limestone	2240
Anhydrite and limestone	2225	Anhydrite and limestone	2225
Anhydrite	2205	Anhydrite	2205
Red sand (hard)	2080	Red sand (hard)	2080
Anhydrite	2065	Anhydrite	2065
Anhydrite and red shale	2050	Anhydrite and red shale	2050
Anhydrite	2035	Anhydrite	2035
Anhydrite and broken	2015	Anhydrite and broken	2015
Anhydrite	1980	Anhydrite	1980
Anhydrite and red rock shells	1895	Anhydrite and red rock shells	1895
Anhydrite	1865	Anhydrite	1865
Anhydrite	1825	Anhydrite	1825

FORMATION RECORD—Continued

30-015-03268

03268