

U. S. LAND OFFICE 140947
 SERIAL NUMBER
 LEASE OR PERMIT TO PROSPECT

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Yates et al Address Artesia, New Mexico
 Lessor or Tract Martin Yates, III Field Franklin-Yates State N.M.
 Well No. 1 Sec. 6 T. 30E. R. 30E. Meridian P.M.M. County SABY
 Location 1980 ft. N. of S Line and 660 ft. E. of W Line of Sec. 6 Elevation 5000 (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.

Date January 26, 1939 Signed Martin Yates, III Title Operator and Partner

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

Commenced drilling October 1, 1938 Finished drilling January 26, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2605 to 2678 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"	32	8	Youngs	455	COMMON				Salt Strainer

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
6"	455'	50			
7"	705'	30	Ballston		Six tons

PLUGS AND ADAPTERS

Heavy plug—Material	Length	Time and depth
Adapters—Material	Size	Time and depth
SHOOTING RECORD		

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth cleaned out
5580	can	Nitrolyc	140	1/24	2665 feet

TOOLS USED

Rotary tools were used from	0	feet to	2874	feet and from	2874	feet to	2874	feet
Cable tools were used from	0	feet to	2874	feet and from	2874	feet to	2874	feet

DATES

Put to producing	on	from	19	39
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The production of the first 24 hours was 500 barrels of oil and 0 % emulsion.

% water and % sediment. Gravity 35.2 corrected

If gas well, cu. ft. per 24 hours Gallons gas per 1000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

From	To	Formation	Notes
2605	2678	Salt	
2678	2700	Salt	
2700	2720	Salt	
2720	2740	Salt	
2740	2760	Salt	
2760	2780	Salt	
2780	2800	Salt	
2800	2820	Salt	
2820	2840	Salt	
2840	2860	Salt	
2860	2880	Salt	
2880	2900	Salt	
2900	2920	Salt	
2920	2940	Salt	
2940	2960	Salt	
2960	2980	Salt	
2980	3000	Salt	
3000	3020	Salt	
3020	3040	Salt	
3040	3060	Salt	
3060	3080	Salt	
3080	3100	Salt	
3100	3120	Salt	
3120	3140	Salt	
3140	3160	Salt	
3160	3180	Salt	
3180	3200	Salt	
3200	3220	Salt	
3220	3240	Salt	
3240	3260	Salt	
3260	3280	Salt	
3280	3300	Salt	
3300	3320	Salt	
3320	3340	Salt	
3340	3360	Salt	
3360	3380	Salt	
3380	3400	Salt	
3400	3420	Salt	
3420	3440	Salt	
3440	3460	Salt	
3460	3480	Salt	
3480	3500	Salt	
3500	3520	Salt	
3520	3540	Salt	
3540	3560	Salt	
3560	3580	Salt	
3580	3600	Salt	
3600	3620	Salt	
3620	3640	Salt	
3640	3660	Salt	
3660	3680	Salt	
3680	3700	Salt	
3700	3720	Salt	
3720	3740	Salt	
3740	3760	Salt	
3760	3780	Salt	
3780	3800	Salt	
3800	3820	Salt	
3820	3840	Salt	
3840	3860	Salt	
3860	3880	Salt	
3880	3900	Salt	
3900	3920	Salt	
3920	3940	Salt	
3940	3960	Salt	
3960	3980	Salt	
3980	4000	Salt	
4000	4020	Salt	
4020	4040	Salt	
4040	4060	Salt	
4060	4080	Salt	
4080	4100	Salt	
4100	4120	Salt	
4120	4140	Salt	
4140	4160	Salt	
4160	4180	Salt	
4180	4200	Salt	
4200	4220	Salt	
4220	4240	Salt	
4240	4260	Salt	
4260	4280	Salt	
4280	4300	Salt	
4300	4320	Salt	
4320	4340	Salt	
4340	4360	Salt	
4360	4380	Salt	
4380	4400	Salt	
4400	4420	Salt	
4420	4440	Salt	
4440	4460	Salt	
4460	4480	Salt	
4480	4500	Salt	
4500	4520	Salt	
4520	4540	Salt	
4540	4560	Salt	
4560	4580	Salt	
4580	4600	Salt	
4600	4620	Salt	
4620	4640	Salt	
4640	4660	Salt	
4660	4680	Salt	
4680	4700	Salt	
4700	4720	Salt	
4720	4740	Salt	
4740	4760	Salt	
4760	4780	Salt	
4780	4800	Salt	
4800	4820	Salt	
4820	4840	Salt	
4840	4860	Salt	
4860	4880	Salt	
4880	4900	Salt	
4900	4920	Salt	
4920	4940	Salt	
4940	4960	Salt	
4960	4980	Salt	
4980	5000	Salt	

(OVER)

6-6745

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1237	1277	40	Anhydrite
1277	1300	23	Anhydrite
1300	1305	5	Shale
1305	1319	12	Anhydrite
1319	1323	4	Shale
1323	1327	4	Shale
1327	1378	51	Anhydrite
1378	1425	47	Anhydrite
1425	1431	6	Red bed
1431	1463	32	Anhydrite
1463	1500	37	Anhydrite
1500	1519	19	Anhydrite
1519	1561	42	Anhydrite
1561	1572	11	Anhydrite and red bed
1572	1622	50	Anhydrite
1622	1628	6	Anhydrite
1628	1665	27	Anhydrite
1665	1698	35	Anhydrite
1698	1718	20	Anhydrite
1718	1731	13	Gray Lime
1731	1733	2	Gray Lime
1733	1749	16	Anhydrite
1749	1769	20	Gray Lime
1769	1809	40	Lime and anhydrite
1809	1845	36	Lime and anhydrite
1845	1873	28	Lime and anhydrite
1873	1909	36	Gray lime
1909	1919	10	Lime and anhydrite
1919	1950	31	Lime and anhydrite
1950	1975	25	Anhydrite
1975	1984	9	Anhydrite
1984	2012	28	Anhydrite
2012	2047	25	Anhydrite and lime
2047	2052	5	Brown shale
2052	2059	7	Anhydrite
2059	2079	20	Lime
2079	2084	5	Brown shale and anhydrite
2084	2094	10	Brown shale
2094	2104	10	Anhydrite and brown shale
2104	2130	26	Brown shale and anhydrite
2130	2151	21	Anhydrite and lime
2151	2162	11	Anhydrite
2162	2181	24	Anhydrite
2181	2205	35	Lime and anhydrite
2205	2240	24	Anhydrite
2240	2264	17	Anhydrite
2264	2281	9	Lime and anhydrite
2281	2290	30	RED SAND, slight show gas
2290	2320	8	Anhydrite
2320	2328	8	Brown lime
2328	2338	10	Brown lime
2338	2341	3	Anhydrite and brown lime
2341	2350	9	Anhydrite and brown shale
2350	2369	19	Lime and anhydrite
2369	2388	19	Lime
2388	2400	12	Gray lime
2400	2423	23	Gray lime
2423	2453	30	Lime and anhydrite
2453	2483	27	Lime and anhydrite
2483	2519	9	Anhydrite and brown lime
2519	2524	5	Lime
2524	2546	22	Anhydrite and brown shale

HISTORY OF OIL OR GAS WELL

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.

Casing size	Per foot weight	Depth of hole	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
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CASING RECORD

20.5" from	to	20.4" from	to
20.1" from	to	20.3" from	to

IMPORTANT WATER SANDS

20.3" from	to	20.6" from	to
20.5" from	to	20.2" from	to
20.1" from	to	20.4" from	to

(Denote box by X)

OIL OR GAS SANDS OR ZONES

Commenced drilling	to	Entered drilling	to
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The summary on this page is for the condition of the well at above date.

Date	Time
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Signed _____

so far as can be determined from all available records.

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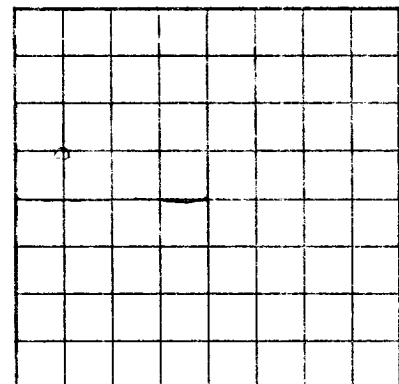
Location of _____ of _____ line and _____ of _____ line of _____ Elevation _____

Well No. _____ Section _____ Township _____ Range _____

Owner of tract _____

Company _____ Address _____

LOCATE WELL CORRECTLY



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