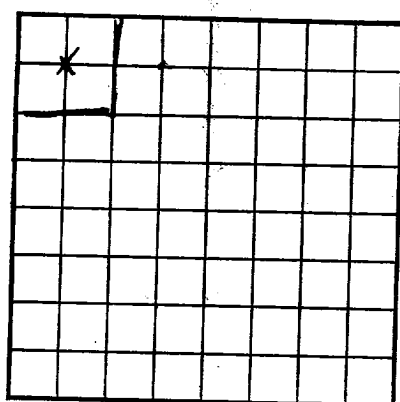


SANTA FE
ARTESIA
HOODS
OPERATORU. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Box 218, Loco Hills N.M.

Company _____ Address _____
Lessor or Tract 14-18-28 S Field Artesia N.M.
Well No. 660 Sec. 8 T. 14 Meridian 14-18-28 County State
Location 660 ft. {N.} of _____ Line and _____ ft. {E.} of _____ Line of _____ Elevation 3589'
{S.} {W.} (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 April 19, 1952 Signed O. C. Rogers
Title Supt.

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

Commenced drilling 7-18-1947, 19 _____ Finished drilling 7-25-1948, 19 _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1200 to 1210 No. 4, from _____ to _____
2510 2520
No. 2, from 2553 to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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"	28	8		562'	Regular				
If binder or plug was used, give its size and location. If the man has been planning, give date, size, location, and number. If there were any changes made in the casing, state (up) and (down) casing was. If it is of the greatest importance to make a complete record of the well, please state in detail the nature of requirements for the well.									
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"	562'	50	Plug.		2 sacks aquagel

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
6 1/2"	5 1/2"	Nitro	400 lbs.	7-14-48	2450 To 2538.	2538.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 3391 feet, and from _____ feet to _____ feet

DATES

July 28, 1948, 19 _____ Put to producing _____, 19 _____
The production for the first 24 hours was 2 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 35
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hoot Gibson, Driller A.J. Smith, Driller
V.A. Lane, Driller J.F. Talley, Driller

FORMATION RECORD

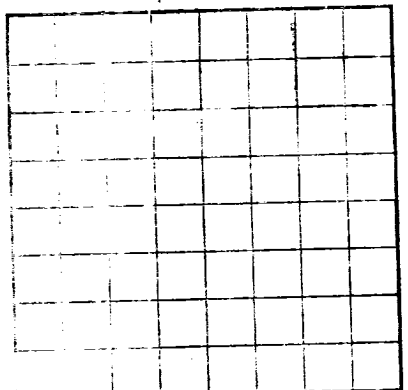
FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Sand & Gravel
25	60	60	sand & gravel
60	150	90	sandy shale & sand
150	214	64	red shale
214	322	108	anhydrite
322	350	28	broken anhydrite
350	490	140	" " and shale.
490	525	35	salt
525	545	20	" and anhydrite
545	640	95	"
640	790	150	anhydrite
790	1165	375	" Broken.
1165	1500	335	"
1500	1540	40	" and red breaks.
1540	1755	215	"
1755	1823	67	red sand
1823	1895	72	anhydrite
1895	1920	25	fine sand and lime.
1920	2090	170	"
2090	2095	5	"
2095	2105	10	anhydrite
2105	2115	10	lime
2115	2127	12	anhydrite
2127	2155	27	lime and red breaks
2155	2415	260	lime
2415	2510	95	lime broken
2510	2520	10	concrete lime

FORMATION

ended

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____

IMPORTANT WATER SANDS

This well was plugged back from 3341 to 2535. Well was then shot with 100 lb. nitro and charged out to bottom. Well was then put on pump and made 25 bbls. oil per day and no water.

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 "idled" 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.

MUD LOG AND CEMENTING RECORD

Size of casing	Weight per foot	Thickness	Material	Amount of cement	Method used	Amount of mud used
20 1/2"	125	1 1/2"	Steel	1000	Hand trowel	2 sacks sand

PLUGS AND ADAPTERS

Length	Size	Depth set
10'	2 1/2"	10'

SHOOTING RECORD

Date	Quantity	Depth shot	Depth cleaned out
7-1-1938	1000	8.25 to 10.38	10.38

TOOLS USED

Rooty tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

DATES

Put to producing _____
The production for the first 24 hours was _____
If gas well, on the first 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, B6 _____
Barrels of fluid of which _____ was oil; _____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM-	TO	FOOT FEET	FORMATION
2520	2525	5	fine gray shale
2525	2530	5	fine gray shale
2530	2535	5	fine gray shale
2535	2540	5	fine gray shale
2540	2545	5	fine gray shale
2545	2550	5	fine gray shale
2550	2555	5	fine gray shale
2555	2560	5	fine gray shale
2560	2565	5	fine gray shale
2565	2570	5	fine gray shale
2570	2575	5	fine gray shale
2575	2580	5	fine gray shale
2580	2585	5	fine gray shale
2585	2590	5	fine gray shale
2590	2595	5	fine gray shale
2595	2600	5	fine gray shale
2600	2605	5	fine gray shale
2605	2610	5	fine gray shale
2610	2615	5	fine gray shale
2615	2620	5	fine gray shale
2620	2625	5	fine gray shale
2625	2630	5	fine gray shale
2630	2635	5	fine gray shale
2635	2640	5	fine gray shale
2640	2645	5	fine gray shale
2645	2650	5	fine gray shale
2650	2655	5	fine gray shale
2655	2660	5	fine gray shale
2660	2665	5	fine gray shale
2665	2670	5	fine gray shale
2670	2675	5	fine gray shale
2675	2680	5	fine gray shale
2680	2685	5	fine gray shale
2685	2690	5	fine gray shale
2690	2695	5	fine gray shale
2695	2700	5	fine gray shale
2700	2705	5	fine gray shale
2705	2710	5	fine gray shale
2710	2715	5	fine gray shale
2715	2720	5	fine gray shale
2720	2725	5	fine gray shale
2725	2730	5	fine gray shale
2730	2735	5	fine gray shale
2735	2740	5	fine gray shale
2740	2745	5	fine gray shale
2745	2750	5	fine gray shale
2750	2755	5	fine gray shale
2755	2760	5	fine gray shale
2760	2765	5	fine gray shale
2765	2770	5	fine gray shale
2770	2775	5	fine gray shale
2775	2780	5	fine gray shale
2780	2785	5	fine gray shale
2785	2790	5	fine gray shale
2790	2795	5	fine gray shale
2795	2800	5	fine gray shale
2800	2805	5	fine gray shale
2805	2810	5	fine gray shale
2810	2815	5	fine gray shale
2815	2820	5	fine gray shale
2820	2825	5	fine gray shale
2825	2830	5	fine gray shale
2830	2835	5	fine gray shale
2835	2840	5	fine gray shale
2840	2845	5	fine gray shale
2845	2850	5	fine gray shale
2850	2855	5	fine gray shale
2855	2860	5	fine gray shale
2860	2865	5	fine gray shale
2865	2870	5	fine gray shale
2870	2875	5	fine gray shale
2875	2880	5	fine gray shale
2880	2885	5	fine gray shale
2885	2890	5	fine gray shale
2890	2895	5	fine gray shale
2895	2900	5	fine gray shale
2900	2905	5	fine gray shale
2905	2910	5	fine gray shale
2910	2915	5	fine gray shale
2915	2920	5	fine gray shale
2920	2925	5	fine gray shale
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2950	2955	5	fine gray shale
2955	2960	5	fine gray shale
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2965	2970	5	fine gray shale
2970	2975	5	fine gray shale
2975	2980	5	fine gray shale
2980	2985	5	fine gray shale
2985	2990	5	fine gray shale
2990	2995	5	fine gray shale
2995	3000	5	fine gray shale
3000	3005	5	fine gray shale
3005	3010	5	fine gray shale
3010	3015	5	fine gray shale
3015	3020	5	fine gray shale
3020	3025	5	fine gray shale
3025	3030	5	fine gray shale
3030	3035	5	fine gray shale
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3070	3075	5	fine gray shale
3075	3080	5	fine gray shale
3080	3085	5	fine gray shale
3085	3090	5	fine gray shale
3090	3095	5	fine gray shale
3095	3100	5	fine gray shale
3100	3105	5	fine gray shale
3105	3110	5	fine gray shale
3110	3115	5	fine gray shale
3115	3120	5	fine gray shale
3120	3125	5	fine gray shale
3125	3130	5	fine gray shale
3130	3135	5	fine gray shale
3135	3140	5	fine gray shale
3140	3145	5	fine gray shale
3145	3150	5	fine gray shale
3150	3155	5	fine gray shale
3155	3160	5	fine gray shale
3160	3165	5	fine gray shale
3165	3170	5	fine gray shale
3170	3175	5	fine gray shale
3175	3180	5	fine gray shale
3180	3185	5	fine gray shale
3185	3190	5	fine gray shale
3190	3195	5	fine gray shale
3195	3200	5	fine gray shale
3200	3205	5	fine gray shale
3205	3210	5	fine gray shale
3210	3215	5	fine gray shale
3215	3220	5	fine gray shale
3220	3225	5	fine gray shale
3225	3230	5	fine gray shale
3230	3235	5	fine gray shale
3235	3240	5	fine gray shale
3240	3245	5	fine gray shale
3245	3250	5	fine gray shale
3250	3255	5	fine gray shale
3255	3260	5	fine gray shale
3260	3265	5	fine gray shale
3265	3270	5	fine gray shale
3270	3275	5	fine gray shale
3275	3280	5	fine gray shale
3280	3285	5	fine gray shale
3285	3290	5	fine gray shale
3290	3295	5	fine gray shale
3295	3300	5	fine gray shale
3300	3305	5	fine gray shale
3305	3310	5	fine gray shale
3310	3315	5	fine gray shale
3315	3320	5	fine gray shale
3320	3325	5	fine gray shale
3325	3330	5	fine gray shale
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3380	3385	5	fine gray shale
3385	3390	5	fine gray shale
3390	3395	5	fine gray shale
3395	3400	5	fine gray shale
3400	3405	5	fine gray shale
3405	3410	5	fine gray shale
3410	3415	5	fine gray shale
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3465	3470	5	fine gray shale
3470	3475	5	fine gray shale
3475	3480	5	fine gray shale
3480	3485	5	fine gray shale
3485	3490	5	fine gray shale
3490	3495	5	fine gray shale
3495	3500	5	fine gray shale
3500	3505	5	fine gray shale
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3520	3525	5	fine gray shale
3525	3530	5	fine gray shale
3530	3535	5	fine gray shale
3535	3540	5	fine gray shale
3540	3545	5	fine gray shale
3545	3550	5	fine gray shale
3550	3555	5	fine gray shale
3555	3560	5	fine gray shale
3560	3565	5	fine gray shale
3565	3570	5	fine gray shale
3570	3575	5	fine gray shale
3575	3580	5	fine gray shale
3580	3585	5	fine gray shale
3585	3590	5	fine gray shale
3590	3595	5	fine gray shale
3595	3600	5	fine gray shale
3600	3605	5	fine gray shale
3605	3610	5	fine gray shale
3610	3615	5	fine gray shale
3615	3620	5	fine gray shale
3620	3625	5	fine gray shale
3625	3630	5	fine gray shale
3630	3635	5	fine gray shale
3635	3640	5	fine gray shale
3640	3645	5	fine gray shale
3645	3650	5	fine gray shale
3650	3655	5	fine gray shale
3655	3660	5	fine gray shale
3660	3665	5	fine gray shale
3665	3670	5	fine gray shale
3670	3675	5	fine gray shale
3675	3680	5	fine gray shale
3680	3685	5	fine gray shale
3685	3690	5	fine gray shale
3690	3695	5	fine gray shale
3695	3700	5	fine gray shale
3700	3705	5	fine gray shale
3705	3710	5	fine gray shale
3710	3715	5	fine gray shale
3715	3720	5	fine gray shale
3720	3725	5	fine gray shale
3725	3730	5	fine gray shale
3730	3735	5	fine gray shale
3735	3740	5	fine gray shale
3740	3745	5	fine gray shale
3745	3750	5	fine gray shale
3750	3755	5	fine gray shale
3755	3760	5	fine gray shale
3760	3765	5	fine gray shale
3765	3770	5	fine gray shale
3770	3775	5	fine gray shale
3775	3780	5	fine gray shale
3780	3785	5	fine gray shale
3785	3790	5	fine gray shale
3790	3795	5	fine gray shale
3795	3800	5	fine gray shale
3800	3805	5	fine gray shale
3805	3810	5	fine gray shale
3810	3815	5	fine gray shale
3815	3820	5	fine gray shale
3820	3825	5	fine gray shale
3825	3830	5	fine gray shale
3830	3835	5	fine gray shale
3835	3840	5	fine gray shale
3840	3845	5	fine gray shale
3845	3850	5	fine gray shale
3850	3855	5	fine gray shale
3855	3860	5	fine gray shale
3860	3865	5	fine gray shale
3865	3870	5	fine gray shale
3870	3875	5	fine gray shale
3875	3880	5	fine gray shale
3880	3885	5	fine gray shale
3885	3890	5	fine gray shale
3890	3895	5	fine gray shale
3895	3900	5	fine gray shale
3900	3905	5	fine gray shale
3905	3910	5	fine gray shale
3910	3915	5	fine gray shale
3915	3920	5	fine gray shale
3920	3925	5	fine gray shale
3925	3930	5	fine gray shale
3930	3935	5	fine gray shale
3935	3940	5	fine gray shale
3940	3945	5	fine gray shale
3945	3950	5	fine gray shale
3950	3955	5	fine gray shale
3955	3960	5	fine gray shale
3960	3965	5	fine gray shale
3965	3970	5	fine gray shale
3970	3975	5	fine gray shale
3975	3980	5	fine gray shale
3980	3985	5	fine gray shale
3985	3990	5	fine gray shale
3990	3995	5	fine gray shale
3995	4000	5	fine gray shale
4000			