

U. S. LAND OFFICE _____
SERIAL NUMBER 441 5242
LEASE OR PERMIT TO PROSPECT _____

A blank grid for drawing a picture, consisting of 10 columns and 10 rows of squares.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 19 1968

100 2 5 1968

LOG OF OIL OR GAS WELL

Company J. Cleo Thompson Address 4500 Republic National Bank Tower, Dallas, Texas
 Lessor or Tract Evans Field Square Lake State New Mexico
 Well No. 9 Sec. 33 T. 16S R. 30E Meridian N.M.P.M. County Eddy
 Location 1980 ft. N. of N. Line and 1980 ft. E. of E. Line of Sec. 33 Elevation 3744
 (Depth floor relative to street)

Date July 19, 1968 Signed J. O. Upchurch
Title Petroleum Engineer

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

Commenced drilling May 29 1968 Finished drilling June 26 1968

OIL OR GAS SANDS OR ZONES

(Detention by CO)

No. 1, from 2870 to 2878 No. 4, from _____ to _____
 No. 2, from 2920 to 2940 No. 5, from _____ to _____
 No. 3, from 3050 to 3070 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 440 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 5/8	24	11	866	598	11 1/2	1550	1550	1550	1550
5 1/2	18	11	866	270	11 1/2	1550	1550	1550	1550
7	24	11	866	378	11 1/2	1550	1550	1550	1550
4 1/2	18	11	866	376	11 1/2	1550	1550	1550	1550

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	590	50	Pump		
1 1/2	2770	100	Pump		
2"	590	50	Pump		
4 1/2"	3164	150	Pump		

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
3 1/2	3	N.G.	60	12-19-42	2876'	
4"	5	N.G.	130	12-29-42	2956	2956

TOOLS USED

TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

Cable tools were used from ----- feet to 2955 feet, and from 3955 feet to 3164 feet. TD

DATES

Put to producing June 26, 1968

The production for the first 24 hours was 25 barrels of fluid of which 100 % was oil 10 % emulsion: % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Nil Gallons gasoline per 1,000 cu. ft. of gas _____

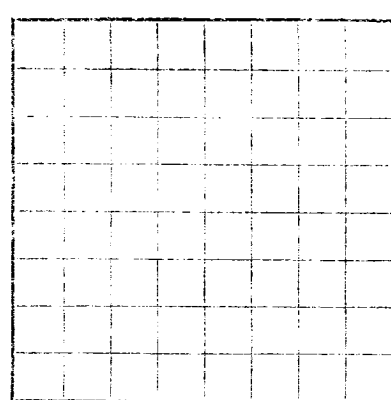
Rock pressure, lbs. per sq. in. Pump

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Gallena and red rock
35	140	105	Red rock and shale
140	310	170	Sandy red rock
310	368	58	Red rock
368	400	32	Anhydrite and red rock
400	450	50	Anhydrite and water
450	540	90	Anhydrite
540	580	40	Red mud
580	960	380	Salt
960	975	15	Anhydrite
975	1025	50	Salt
1025	1125	100	Salt
1125	1145	20	Top of Anhydrite
1145	1200	55	Anhy & red rock
1200	1290	90	Anhydrite
1290	1470	180	Anhy & red shale
1470	2160	690	Anhydrite
2160	2190	30	Sand
2190	2205	15	Anhydrite and red rock
2205	2280	75	Anhydrite
2280	2300	20	Anhy and lime shells
2300	2445	145	Anhydrite



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

State of _____
 County of _____
 Township of _____
 Range of _____
 Section of _____

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

The summary on this page is for the condition of the well at above date.
 Commenced drilling _____
 pump. 2" tubing is set in the well at approximately 2700 feet.
 These zones were acidized with from 1500 to 2000 gallons each and the well put on the
 This casing was perforated as follows: 2874-7871, 2927-33, and 3051-70.
 No. 1 1/2" 9.5 casing was set and cemented at 3164' with 150 sacks cement.
 No. 2 1 1/2" casing was set and cemented at 3164' with 150 sacks cement.
 On May 27, 1968, we moved the rotary drilling rig and entered this well. We
 drilled and washed through the 5/8" and 1 1/2" casing to a total depth of 3164'.
 Well was originally drilled and completed in December of 1942 with production from
 open hole 2770-2960. In October of 1955 the well was plugged and abandoned and
 970' of 5 1/2" casing and 150' of 8 5/8" casing was pulled.
 IMPORTANT WATER SANDS

CASING RECORD

Casing Size per foot	Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	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 "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 put in to test for water, state kind of material used, position, and results of pumping or burning.								

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Kind of mud	Amount of mud used
4 1/2"	2770-2960	150	Hand	Oil	
4 1/2"	2960-3164	150	Hand	Oil	

PLUGS AND ADAPTERS

Size	Where set	Length	Depth set
4 1/2"	2770-2960	10'	
4 1/2"	2960-3164	10'	

SHOOTING RECORD

Size	Shot used	Depth used	Depth cleared out
4 1/2"	2770-2960	10'	
4 1/2"	2960-3164	10'	

TOOLS USED

Tools used	From	To
Rotary tools were used from	2770	2960
Cable tools were used from	2960	3164

DATES

Dates	From	To
Production for the first 24 hours was	2770	2960
Production for the first 24 hours was	2960	3164

EMPLOYEES

Employees	From	To
Driller	2770	2960
Driller	2960	3164

FORMATION RECORD

FORMATION	FROM	TO	TOTAL FEET
Any and red rock	2770	2875	30
Any sand	2875	2905	20
Any shale	2905	2920	15
Gray lime	2920	2930	10
Sandy lime	2930	2940	10
Lime	2940	2950	10
Lime	2950	2960	10
Lime	2960	2970	10
Lime	2970	2980	10
Lime	2980	2990	10
Lime	2990	3000	10
Lime	3000	3010	10
Lime	3010	3020	10
Lime	3020	3030	10
Lime	3030	3040	10
Lime	3040	3050	10
Lime	3050	3060	10
Lime	3060	3070	10
Lime	3070	3080	10
Lime	3080	3090	10
Lime	3090	3100	10
Lime	3100	3110	10
Lime	3110	3120	10
Lime	3120	3130	10
Lime	3130	3140	10
Lime	3140	3150	10
Lime	3150	3164	14
Sand & sandy lime	3164	3170	6
Broken lime	3170	3180	10
Broken lime	3180	3190	10
Broken lime	3190	3200	10
Broken lime	3200	3210	10
Broken lime	3210	3220	10
Broken lime	3220	3230	10
Broken lime	3230	3240	10
Broken lime	3240	3250	10
Broken lime	3250	3260	10
Broken lime	3260	3270	10
Broken lime	3270	3280	10
Broken lime	3280	3290	10
Broken lime	3290	3300	10
Broken lime	3300	3310	10
Broken lime	3310	3320	10
Broken lime	3320	3330	10
Broken lime	3330	3340	10
Broken lime	3340	3350	10
Broken lime	3350	3360	10
Broken lime	3360	3370	10
Broken lime	3370	3380	10
Broken lime	3380	3390	10
Broken lime	3390	3400	10
Broken lime	3400	3410	10
Broken lime	3410	3420	10
Broken lime	3420	3430	10
Broken lime	3430	3440	10
Broken lime	3440	3450	10
Broken lime	3450	3460	10
Broken lime	3460	3470	10
Broken lime	3470	3480	10
Broken lime	3480	3490	10
Broken lime	3490	3500	10
Broken lime	3500	3510	10
Broken lime	3510	3520	10
Broken lime	3520	3530	10
Broken lime	3530	3540	10
Broken lime	3540	3550	10
Broken lime	3550	3560	10
Broken lime	3560	3570	10
Broken lime	3570	3580	10
Broken lime	3580	3590	10
Broken lime	3590	3600	10
Broken lime	3600	3610	10
Broken lime	3610	3620	10
Broken lime	3620	3630	10
Broken lime	3630	3640	10
Broken lime	3640	3650	10
Broken lime	3650	3660	10
Broken lime	3660	3670	10
Broken lime	3670	3680	10
Broken lime	3680	3690	10
Broken lime	3690	3700	10
Broken lime	3700	3710	10
Broken lime	3710	3720	10
Broken lime	3720	3730	10
Broken lime	3730	3740	10
Broken lime	3740	3750	10
Broken lime	3750	3760	10
Broken lime	3760	3770	10
Broken lime	3770	3780	10
Broken lime	3780	3790	10
Broken lime	3790	3800	10
Broken lime	3800	3810	10
Broken lime	3810	3820	10
Broken lime	3820	3830	10
Broken lime	3830	3840	10
Broken lime	3840	3850	10
Broken lime	3850	3860	10
Broken lime	3860	3870	10
Broken lime	3870	3880	10
Broken lime	3880	3890	10
Broken lime	3890	3900	10
Broken lime	3900	3910	10
Broken lime	3910	3920	10
Broken lime	3920	3930	10
Broken lime	3930	3940	10
Broken lime	3940	3950	10
Broken lime	3950	3960	10
Broken lime	3960	3970	10
Broken lime	3970	3980	10
Broken lime	3980	3990	10
Broken lime	3990	4000	10

FORMATION RECORD—Continued