

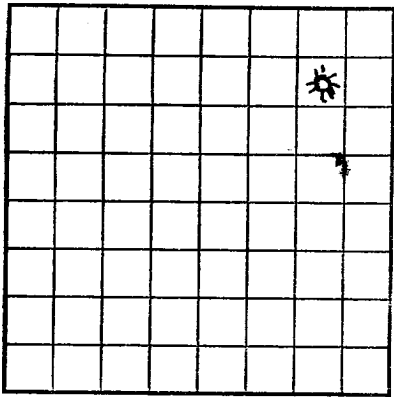
Form 9-380

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER **078039**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Kenneth Murchison** Address **1105 Reserve Loan Life Building
Dallas, Texas.**
Lessor or Tract **Horton** Field **Blanco, La Plata** State **New Mexico**
Well No. **2** Sec. **22** T. **22-N** R. **11-W** Meridian **N.M.P.M.** County **New Mexico**
Location **990** ft. **N.** of **N.** Line and **990** ft. **E.** of **E.** Line of **Sec. 22** Elevation **6472**
(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 **E. J. O'Leary**
Date _____ Title **Superintendent**

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

Commenced drilling **September 10,** 19**52** Finished drilling **October 27,** 19**52**

OIL OR GAS SANDS OR ZONES

No. 1, from **4860** to **5595** (Denote gas by G) 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 _____ 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
9-5/8"	32	8-R	Nat'l.	202	Texas			
5-1/2"	15.5	8-R	Nat'l.	1788.6	Waco			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	202	175	Halliburton		
5-1/2"	4788	200	Halliburton		

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 & 4		SNG	1922	9-28-52	4866-5860	5660

TOOLS USED

Rotary tools were used from _____ feet to **5660** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Comp: 11-4- 19**53** Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours **1410- Open flow 6 hrs.** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **450# (casing pressure)**

EMPLOYEES

Denman Drilling Company, Driller **San Juan Drilling Co.**, Driller
Rotary, Driller **Gas Drilling**, Driller

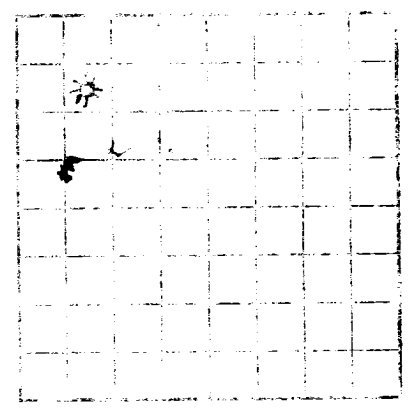
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Surface
40	490	450	Sand
490	1179	689	Sand and Shale
1179	1370	191	Sand
1370	2025	655	Sand and Shale
2025	2081	56	Sand
2081	2560	479	Sand and Shale
2560	2666	100	Sand
2660	2750	90	Sand and Shale
2750	2975	215	Sand
2975	3106	131	Sand, Shale and Coal
3106	3230	124	Sand and Shale
3230	3314	84	Sand, Shale and Coal
3314	3648	334	Sand and Shale
3648	3680	32	Shale
3680	4788	1108	Sand and Shale
4788	5115	327	Sand
5115	5455	340	Sand, Shale and Coal
5455	5860	410-205	Sand and Shale streaks.

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.
1907

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL



Company name, location, and other details. The text is mostly illegible due to the quality of the scan.

DATE: ...
The following is a log of the well, showing the results of the work and the reasons for the work. 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 the 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.

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FORMATION RECORD			
FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Top Plastered Cills
10	20	20	Top Lewis
20	30	30	Top 4x4 House
30	40	40	Top Hennee
40	50	50	Top Reant Lookout
50	60	60	Top Hanson ?
60	70	70	Top Hanson ?
70	80	80	Top Hanson ?
80	90	90	Top Hanson ?
90	100	100	Top Hanson ?
100	110	110	Top Hanson ?
110	120	120	Top Hanson ?
120	130	130	Top Hanson ?
130	140	140	Top Hanson ?
140	150	150	Top Hanson ?
150	160	160	Top Hanson ?
160	170	170	Top Hanson ?
170	180	180	Top Hanson ?
180	190	190	Top Hanson ?
190	200	200	Top Hanson ?
200	210	210	Top Hanson ?
210	220	220	Top Hanson ?
220	230	230	Top Hanson ?
230	240	240	Top Hanson ?
240	250	250	Top Hanson ?
250	260	260	Top Hanson ?
260	270	270	Top Hanson ?
270	280	280	Top Hanson ?
280	290	290	Top Hanson ?
290	300	300	Top Hanson ?
300	310	310	Top Hanson ?
310	320	320	Top Hanson ?
320	330	330	Top Hanson ?
330	340	340	Top Hanson ?
340	350	350	Top Hanson ?
350	360	360	Top Hanson ?
360	370	370	Top Hanson ?
370	380	380	Top Hanson ?
380	390	390	Top Hanson ?
390	400	400	Top Hanson ?
400	410	410	Top Hanson ?
410	420	420	Top Hanson ?
420	430	430	Top Hanson ?
430	440	440	Top Hanson ?
440	450	450	Top Hanson ?
450	460	460	Top Hanson ?
460	470	470	Top Hanson ?
470	480	480	Top Hanson ?
480	490	490	Top Hanson ?
490	500	500	Top Hanson ?
500	510	510	Top Hanson ?
510	520	520	Top Hanson ?
520	530	530	Top Hanson ?
530	540	540	Top Hanson ?
540	550	550	Top Hanson ?
550	560	560	Top Hanson ?
560	570	570	Top Hanson ?
570	580	580	Top Hanson ?
580	590	590	Top Hanson ?
590	600	600	Top Hanson ?
600	610	610	Top Hanson ?
610	620	620	Top Hanson ?
620	630	630	Top Hanson ?
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650	660	660	Top Hanson ?
660	670	670	Top Hanson ?
670	680	680	Top Hanson ?
680	690	690	Top Hanson ?
690	700	700	Top Hanson ?
700	710	710	Top Hanson ?
710	720	720	Top Hanson ?
720	730	730	Top Hanson ?
730	740	740	Top Hanson ?
740	750	750	Top Hanson ?
750	760	760	Top Hanson ?
760	770	770	Top Hanson ?
770	780	780	Top Hanson ?
780	790	790	Top Hanson ?
790	800	800	Top Hanson ?
800	810	810	Top Hanson ?
810	820	820	Top Hanson ?
820	830	830	Top Hanson ?
830	840	840	Top Hanson ?
840	850	850	Top Hanson ?
850	860	860	Top Hanson ?
860	870	870	Top Hanson ?
870	880	880	Top Hanson ?
880	890	890	Top Hanson ?
890	900	900	Top Hanson ?
900	910	910	Top Hanson ?
910	920	920	Top Hanson ?
920	930	930	Top Hanson ?
930	940	940	Top Hanson ?
940	950	950	Top Hanson ?
950	960	960	Top Hanson ?
960	970	970	Top Hanson ?
970	980	980	Top Hanson ?
980	990	990	Top Hanson ?
990	1000	1000	Top Hanson ?