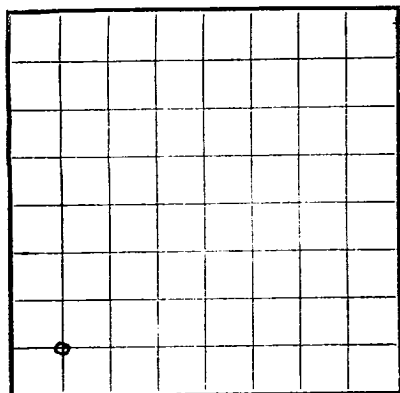


Las Cruces
U. S. LAND OFFICE 070018
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **WILLIAM A. & EDWARD R. HUDSON** Address **1810 Electric Building Fort Worth, Texas**
Lessor or Tract **MILLER-FEDERAL #1** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **10** T. **22SR.** **34** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. **XX** of **Line and 660** ft. **XX** of **Line of 10-22-34** Elevation **3583'**
(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 *Edward R. Hudson*

Date **July 31, 1956.** Title **Partner**

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

Commenced drilling **6-14-**, 19 **56** Finished drilling **7-26-56**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 **4190** to **4203** No. 3, from _____ to _____
No. 2, from _____ to **(1/2 Bailer per hour)** 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—	
13-3/8"				78'		78'			
10-3/4"				501'		501'			
8-1/2"				1319'		1319'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **1310** feet, and from _____ feet to _____ feet

DATES

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Fred Looney, Driller **W. B. Crow, Sr.**, Driller
Guy Sober, Driller **H. Rickman**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	Sand
5	8	3	Caliche
8	40	32	Sandy Shale
40	50	10	Sand & Gravel
50	78	28	Red Bed
78	145	67	Red Shale
145	425	280	Red Rock
425	575	150	Red Shale
575	580	5	Blue Sandy Shale
580	600	20	Sandy Shale
600	615	15	Sand
615	655	40	Red Shale
655	680	25	Sand
680	805	125	Sand & Red Shale
805	840	35	Red Shale
840	975	135	Sand
975	1000	25	Red Shale
1000	1065	65	Sand
1065	1110	45	Red Shale
1110	1165	55	Red Shale & Gyp.
1165	1215	50	Red Shale
1215	1235	20	Sand
1235	1295	60	Red Shale
1295	1325	30	Red Rock
1325	1355	30	Red Sandy Shale
1355	1690	335	Red Rock

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1690	1745	55	Anydrite
1745	1755	10	Salt
1755	1830	75	Anydrite
1830	1920	90	Salt
1920	1935	15	Anydrite
1935	1960	25	Red shale
1960	2000	40	Salt
2000	2040	40	Anydrite
2040	2065	25	Shale
2065	2100	35	Salt & Anydrite
2100	2170	70	Shale
2170	2235	65	Red shale & salt
2235	2295	60	Salt
2295	2360	65	Salt & Red Rock
2360	2395	35	Salt
2395	2430	35	Anydrite
2430	2475	45	Salt
2475	2515	40	Anydrite
2515	2570	55	Anydrite & Salt
2570	2635	65	Anydrite
2635	2655	20	Anydrite
2655	2690	35	Salt
2690	2700	10	Red shale
2700	2860	160	Salt & Anydrite
2860	2900	40	Salt
2900	2940	40	Anydrite & Salt
2940	2955	15	Salt
2955	2975	20	Anydrite
2975	2985	10	Salt
2985	3000	15	Anydrite
3000	3030	30	Salt
3030	3060	30	Anydrite & Salt
3060	3120	60	Salt
3120	3150	30	Anydrite
3150	3170	20	Salt
3170	3180	10	Anydrite
3180	3230	50	Anydrite
3230	3280	50	Salt
3280	3300	20	Anydrite
3300	3380	80	Anydrite
3380	3400	20	Salt
3400	3430	30	Anydrite
3430	3480	50	Anydrite
3480	3500	20	Salt
3500	3530	30	Anydrite
3530	3570	40	Salt
3570	3600	30	Anydrite
3600	3630	30	Salt
3630	3680	50	Anydrite
3680	3700	20	Salt
3700	3730	30	Anydrite
3730	3750	20	Salt
3750	3784	34	Anydrite
4310	4325	15	Anydrite
4325	4330	5	Salt
4330	4380	50	Anydrite
4380	4400	20	Salt
4400	4415	15	Anydrite
4415	4425	10	Salt
4425	4430	5	Anydrite
4430	4480	50	Anydrite
4480	4500	20	Salt
4500	4525	25	Anydrite
4525	4550	25	Salt
4550	4580	30	Anydrite
4580	4600	20	Salt
4600	4625	25	Anydrite
4625	4650	25	Salt
4650	4680	30	Anydrite
4680	4700	20	Salt
4700	4715	15	Anydrite
4715	4725	10	Salt
4725	4730	5	Anydrite
4730	4750	20	Anydrite
4750	4780	30	Salt
4780	4800	20	Anydrite
4800	4825	25	Salt
4825	4850	25	Anydrite
4850	4880	30	Salt
4880	4900	20	Anydrite
4900	4925	25	Salt
4925	4950	25	Anydrite
4950	4980	30	Salt
4980	5000	20	Anydrite
5000	5025	25	Salt
5025	5050	25	Anydrite
5050	5080	30	Salt
5080	5100	20	Anydrite
5100	5125	25	Salt
5125	5150	25	Anydrite
5150	5180	30	Salt
5180	5200	20	Anydrite
5200	5225	25	Salt
5225	5250	25	Anydrite
5250	5280	30	Salt
5280	5300	20	Anydrite
5300	5325	25	Salt
5325	5350	25	Anydrite
5350	5380	30	Salt
5380	5400	20	Anydrite
5400	5425	25	Salt
5425	5450	25	Anydrite
5450	5480	30	Salt
5480	5500	20	Anydrite
5500	5525	25	Salt
5525	5550	25	Anydrite
5550	5580	30	Salt
5580	5600	20	Anydrite
5600	5625	25	Salt
5625	5650	25	Anydrite
5650	5680	30	Salt
5680	5700	20	Anydrite
5700	5725	25	Salt
5725	5750	25	Anydrite
5750	5780	30	Salt
5780	5800	20	Anydrite
5800	5825	25	Salt
5825	5850	25	Anydrite
5850	5880	30	Salt
5880	5900	20	Anydrite
5900	5925	25	Salt
5925	5950	25	Anydrite
5950	5980	30	Salt
5980	6000	20	Anydrite
6000	6025	25	Salt
6025	6050	25	Anydrite
6050	6080	30	Salt
6080	6100	20	Anydrite
6100	6125	25	Salt
6125	6150	25	Anydrite
6150	6180	30	Salt
6180	6200	20	Anydrite
6200	6225	25	Salt
6225	6250	25	Anydrite
6250	6280	30	Salt
6280	6300	20	Anydrite
6300	6325	25	Salt
6325	6350	25	Anydrite
6350	6380	30	Salt
6380	6400	20	Anydrite
6400	6425	25	Salt
6425	6450	25	Anydrite
6450	6480	30	Salt
6480	6500	20	Anydrite
6500	6525	25	Salt
6525	6550	25	Anydrite
6550	6580	30	Salt
6580	6600	20	Anydrite
6600	6625	25	Salt
6625	6650	25	Anydrite
6650	6680	30	Salt
6680	6700	20	Anydrite
6700	6725	25	Salt
6725	6750	25	Anydrite
6750	6780	30	Salt
6780	6800	20	Anydrite
6800	6825	25	Salt
6825	6850	25	Anydrite
6850	6880	30	Salt
6880	6900	20	Anydrite
6900	6925	25	Salt
6925	6950	25	Anydrite
6950	6980	30	Salt
6980	7000	20	Anydrite
7000	7025	25	Salt
7025	7050	25	Anydrite
7050	7080	30	Salt
7080	7100	20	Anydrite
7100	7125	25	Salt
7125	7150	25	Anydrite
7150	7180	30	Salt
7180	7200	20	Anydrite
7200	7225	25	Salt
7225	7250	25	Anydrite
7250	7280	30	Salt
7280	7300	20	Anydrite
7300	7325	25	Salt
7325	7350	25	Anydrite
7350	7380	30	Salt
7380	7400	20	Anydrite
7400	7425	25	Salt
7425	7450	25	Anydrite
7450	7480	30	Salt
7480	7500	20	Anydrite
7500	7525	25	Salt
7525	7550	25	Anydrite
7550	7580	30	Salt
7580	7600	20	Anydrite
7600	7625	25	Salt
7625	7650	25	Anydrite
7650	7680	30	Salt
7680	7700	20	Anydrite
7700	7725	25	Salt
7725	7750	25	Anydrite
7750	7780	30	Salt
7780	7800	20	Anydrite
7800	7825	25	Salt
7825	7850	25	Anydrite
7850	7880	30	Salt
7880	7900	20	Anydrite
7900	7925	25	Salt
7925	7950	25	Anydrite
7950	7980	30	Salt
7980	8000	20	Anydrite
8000	8025	25	Salt
8025	8050	25	Anydrite
8050	8080	30	Salt
8080	8100	20	Anydrite
8100	8125	25	Salt
8125	8150	25	Anydrite
8150	8180	30	Salt
8180	8200	20	Anydrite
8200	8225	25	Salt
8225	8250	25	Anydrite
8250	8280	30	Salt
8280	8300	20	Anydrite
8300	8325	25	Salt
8325	8350	25	Anydrite
8350	8380	30	Salt
8380	8400	20	Anydrite
8400	8425	25	Salt
8425	8450	25	Anydrite
8450	8480	30	Salt
8480	8500	20	Anydrite
8500	8525	25	Salt
8525	8550	25	Anydrite
8550	8580	30	Salt
8580	8600	20	Anydrite
8600	8625	25	Salt
8625	8650	25	Anydrite
8650	8680	30	Salt
8680	8700	20	Anydrite
8700	8725	25	Salt
8725	8750	25	Anydrite
8750	8780	30	Salt
8780	8800	20	Anydrite
8800	8825	25	Salt
8825	8850	25	Anydrite
8850	8880	30	Salt
8880	8900	20	Anydrite
8900	8925	25	Salt
8925	8950	25	Anydrite
8950	8980	30	Salt
8980	9000	20	Anydrite
9000	9025	25	Salt
9025	9050	25	Anydrite
9050	9080	30	Salt
9080	9100	20	Anydrite
9100	9125	25	Salt
9125	9150	25	Anydrite
9150	9180	30	Salt
9180	9200	20	Anydrite
9200	9225	25	Salt
9225	9250	25	Anydrite
9250	9280	30	Salt
9280	9300	20	Anydrite
9300	9325	25	Salt
9325	9350	25	Anydrite
9350	9380	30	Salt
9380	9400	20	Anydrite
9400	9425	25	Salt
9425	9450	25	Anydrite
9450	9480	30	Salt
9480	9500	20	Anydrite
9500	9525	25	Salt
9525	9550	25	Anydrite
9550	9580	30	Salt
9580	9600	20	Anydrite
9600	9625	25	Salt
9625	9650	25	Anydrite
9650	9680	30	Salt
9680	9700	20	Anydrite
9700	9725	25	Salt
9725	9750	25	Anydrite
9750	9780	30	Salt
9780	9800	20	Anydrite
9800	9825	25	Salt
9825	9850	25	Anydrite
9850	9880	30	Salt
9880	9900	20	Anydrite
9900	9925	25	Salt
9925	9950	25	Anydrite
9950	9980	30	Salt
9980	10000	20	Anydrite

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 "dredged" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of charges. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	DEPTH	DESCRIPTION
1901	10	Anydrite
1902	20	Salt
1903	30	Anydrite
1904	40	Salt
1905	50	Anydrite
1906	60	Salt
1907	70	Anydrite
1908	80	Salt
1909	90	Anydrite
1910	100	Salt
1911	110	Anydrite
1912	120	Salt
1913	130	Anydrite
1914	140	Salt
1915	150	Anydrite
1916	160	Salt
1917	170	Anydrite
1918	180	Salt
1919	190	Anydrite
1920	200	Salt
1921	210	Anydrite
1922	220	Salt
1923	230	Anydrite
1924	240	Salt
1925	250	Anydrite
1926	260	Salt
1927	270	Anydrite
1928	280	Salt
1929	290	Anydrite
1930	300	Salt
1931	310	Anydrite
1932	320	Salt
1933	330	Anydrite
1934	340	Salt
1935	350	Anydrite
1936	360	Salt
1937	370	Anydrite
1938	380	Salt
1939	390	Anydrite
1940	400	Salt
1941	410	Anydrite
1942	420	Salt
1943	430	Anydrite
1944	440	Salt
1945	450	Anydrite
1946	460	Salt
1947	470	Anydrite
1948	480	Salt
1949	490	Anydrite
1950	500	Salt
1951	510	Anydrite
1952	520	Salt
1953	530	Anydrite
1954	540	Salt
1955	550	Anydrite
1956	560	Salt
1957	570	Anydrite
1958	580	Salt
1959	590	Anydrite
1960	600	Salt
1961	610	Anydrite
1962	620	Salt
1963	630	Anydrite
1964	640	Salt
1965	650	Anydrite
1		