

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062052
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Hudson & Hudson, Inc. Address 1810 Electric Bldg. Ft. Worth, Texas
Lessor or Tract Shugart "B" Field North Shugart State New Mexico
Well No. 3 Sec. 15 T. 18S R. 31E Meridian NMPM County Eddy
Location 660 ft. from N 1/4 Line and 1980 ft. from E 1/4 Line of Sec. 15 Elevation 3705
(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 H. Hudson Title Secretary-Treasurer

Date May 27th, 1957

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

Commenced drilling May 1, 1957 Finished drilling May 20, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3342 to 3362 No. 4, from 4000 to 4020
No. 2, from 3436 to 3468 No. 5, from 4070 to 4100
No. 3, from 3577 to 3600 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 5/8"	24	8		746.75					
5 1/2"	14.6	8		4132.12					
	13.50								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	746.75	200	Plug		
5 1/2"	4132.12	1200	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapter—Wedging Plug in 5 1/2" casing at 3400'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Treated with 500 gallons acid, 10,000 gallons frac oil and 10,000# sand from 3342-3362

TOOLS USED

Rotary tools were used from 1 feet to 4137 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 20, 1957
The production for the first 24 hours was _____ barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

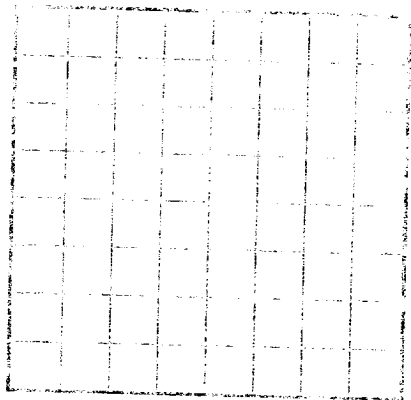
_____, Driller _____, Driller
C. C. Davis _____, Driller W. D. Yaws _____, Driller
C. E. Plerse _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	154	154	Shale & Red Bed
154	434	280	Anhydrite
434	627	193	Red Bed
627	764	137	Red Bed & Anhydrite
764	820	56	Anhydrite
820	1340	520	Red Bed
1340	2020	680	Salt & Anhydrite
2020	2441	421	Anhydrite
2441	2489	48	Anhydrite & Gyp
2489	2544	55	Anhydrite
2544	2638	94	Anhydrite & Gyp
2638	2766	128	Anhydrite
2766	2822	56	Anhydrite & Gyp
2822	3432	610	Anhydrite
3432	3464	32	Anhydrite & Lime
3464	4137 TD	673	Lime
Top Anhydrite		700	
Base of the Salt		1930	
Top of the Yates		2130	
Top of the Queen		3319	

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LOCATE WELL CORRECTLY

Geography, location, and other information about the well, including the name of the owner or lessee, the name of the well, the location of the well, the date of completion, and the purpose of the well. This information is given here in a convenient form of available records so far as can be determined from available records.

The information on this page is for the use of the Geological Survey and is not to be used for any other purpose.

NAME OF WELL: _____

LOCATION: _____

DATE OF COMPLETION: _____

PURPOSE: _____

NAME OF OWNER OR LESSEE: _____

NAME OF WELL: _____

LOCATION: _____

DATE OF COMPLETION: _____

PURPOSE: _____

NAME OF OWNER OR LESSEE: _____

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.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued		FORMATION	
FROM—	TO—	TOTAL FEET	FORMATION
SHOOTING RECORD			
Shot No.	Depth of Shot	Quantity of Shot	Remarks
1	100	100	Shot fired
2	110	110	Shot fired
3	120	120	Shot fired
4	130	130	Shot fired
5	140	140	Shot fired
6	150	150	Shot fired
7	160	160	Shot fired
8	170	170	Shot fired
9	180	180	Shot fired
10	190	190	Shot fired
11	200	200	Shot fired
12	210	210	Shot fired
13	220	220	Shot fired
14	230	230	Shot fired
15	240	240	Shot fired
16	250	250	Shot fired
17	260	260	Shot fired
18	270	270	Shot fired
19	280	280	Shot fired
20	290	290	Shot fired
21	300	300	Shot fired
22	310	310	Shot fired
23	320	320	Shot fired
24	330	330	Shot fired
25	340	340	Shot fired
26	350	350	Shot fired
27	360	360	Shot fired
28	370	370	Shot fired
29	380	380	Shot fired
30	390	390	Shot fired
31	400	400	Shot fired
32	410	410	Shot fired
33	420	420	Shot fired
34	430	430	Shot fired
35	440	440	Shot fired
36	450	450	Shot fired
37	460	460	Shot fired
38	470	470	Shot fired
39	480	480	Shot fired
40	490	490	Shot fired
41	500	500	Shot fired
42	510	510	Shot fired
43	520	520	Shot fired
44	530	530	Shot fired
45	540	540	Shot fired
46	550	550	Shot fired
47	560	560	Shot fired
48	570	570	Shot fired
49	580	580	Shot fired
50	590	590	Shot fired
51	600	600	Shot fired
52	610	610	Shot fired
53	620	620	Shot fired
54	630	630	Shot fired
55	640	640	Shot fired
56	650	650	Shot fired
57	660	660	Shot fired
58	670	670	Shot fired
59	680	680	Shot fired
60	690	690	Shot fired
61	700	700	Shot fired
62	710	710	Shot fired
63	720	720	Shot fired
64	730	730	Shot fired
65	740	740	Shot fired
66	750	750	Shot fired
67	760	760	Shot fired
68	770	770	Shot fired
69	780	780	Shot fired
70	790	790	Shot fired
71	800	800	Shot fired
72	810	810	Shot fired
73	820	820	Shot fired
74	830	830	Shot fired
75	840	840	Shot fired
76	850	850	Shot fired
77	860	860	Shot fired
78	870	870	Shot fired
79	880	880	Shot fired
80	890	890	Shot fired
81	900	900	Shot fired
82	910	910	Shot fired
83	920	920	Shot fired
84	930	930	Shot fired
85	940	940	Shot fired
86	950	950	Shot fired
87	960	960	Shot fired
88	970	970	Shot fired
89	980	980	Shot fired
90	990	990	Shot fired
91	1000	1000	Shot fired
92	1010	1010	Shot fired
93	1020	1020	Shot fired
94	1030	1030	Shot fired
95	1040	1040	Shot fired
96	1050	1050	Shot fired
97	1060	1060	Shot fired
98	1070	1070	Shot fired
99	1080	1080	Shot fired
100	1090	1090	Shot fired
101	1100	1100	Shot fired
102	1110	1110	Shot fired
103	1120	1120	Shot fired
104	1130	1130	Shot fired
105	1140	1140	Shot fired
106	1150	1150	Shot fired
107	1160	1160	Shot fired
108	1170	1170	Shot fired
109	1180	1180	Shot fired
110	1190	1190	Shot fired
111	1200	1200	Shot fired
112	1210	1210	Shot fired
113	1220	1220	Shot fired
114	1230	1230	Shot fired
115	1240	1240	Shot fired
116	1250	1250	Shot fired
117	1260	1260	Shot fired
118	1270	1270	Shot fired
119	1280	1280	Shot fired
120	1290	1290	Shot fired
121	1300	1300	Shot fired
122	1310	1310	Shot fired
123	1320	1320	Shot fired
124	1330	1330	Shot fired
125	1340	1340	Shot fired
126	1350	1350	Shot fired
127	1360	1360	Shot fired
128	1370	1370	Shot fired
129	1380	1380	Shot fired
130	1390	1390	Shot fired
131	1400	1400	Shot fired
132	1410	1410	Shot fired
133	1420	1420	Shot fired
134	1430	1430	Shot fired
135	1440	1440	Shot fired
136	1450	1450	Shot fired
137	1460	1460	Shot fired
138	1470	1470	Shot fired
139	1480	1480	Shot fired
140	1490	1490	Shot fired
141	1500	1500	Shot fired
142	1510	1510	Shot fired
143	1520	1520	Shot fired
144	1530	1530	Shot fired
145	1540	1540	Shot fired
146	1550	1550	Shot fired
147	1560	1560	Shot fired
148	1570	1570	Shot fired
149	1580	1580	Shot fired
150	1590	1590	Shot fired
151	1600	1600	Shot fired
152	1610	1610	Shot fired
153	1620	1620	Shot fired
154	1630	1630	Shot fired
155	1640	1640	Shot fired
156	1650	1650	Shot fired
157	1660	1660	Shot fired
158	1670	1670	Shot fired
159	1680	1680	Shot fired
160	1690	1690	Shot fired
161	1700	1700	Shot fired
162	1710	1710	Shot fired
163	1720	1720	Shot fired
164	1730	1730	Shot fired
165	1740	1740	Shot fired
166	1750	1750	Shot fired
167	1760	1760	Shot fired
168	1770	1770	Shot fired
169	1780	1780	Shot fired
170	1790	1790	Shot fired
171	1800	1800	Shot fired
172	1810	1810	Shot fired
173	1820	1820	Shot fired
174	1830	1830	Shot fired
175	1840	1840	Shot fired
176	1850	1850	Shot fired
177	1860	1860	Shot fired
178	1870	1870	Shot fired
179	1880	1880	Shot fired
180	1890	1890	Shot fired
181	1900	1900	Shot fired
182	1910	1910	Shot fired
183	1920	1920	Shot fired
184	1930	1930	Shot fired
185	1940	1940	Shot fired
186	1950	1950	Shot fired
187	1960	1960	Shot fired
188	1970	1970	Shot fired
189	1980	1980	Shot fired
190	1990	1990	Shot fired
191	2000	2000	Shot fired
192	2010	2010	Shot fired
193	2020	2020	Shot fired
194	2030	2030	Shot fired
195	2040	2040	Shot fired
196	2050	2050	Shot fired
197	2060	2060	Shot fired
198	2070	2070	Shot fired
199	2080	2080	Shot fired
200	2090	2090	Shot fired
201	2100	2100	Shot fired
202	2110	2110	Shot fired
203	2120	2120	Shot fired
204	2130	2130	Shot fired
205	2140	2140	Shot fired
206	2150	2150	Shot fired
207	2160	2160	Shot fired
208	2170	2170	Shot fired
209	2180	2180	Shot fired
210	2190	2190	Shot fired
211	2200	2200	Shot fired
212	2210	2210	Shot fired
213	2220	2220	Shot fired
214	2230	2230	Shot fired
215	2240	2240	Shot fired
216	2250	2250	Shot fired
217	2260	2260	Shot fired
218	2270	2270	Shot fired
219	2280	2280	Shot fired
220	2290	2290	Shot fired
221	2300	2300	Shot fired
222	2310	2310	Shot fired
223	2320	2320	Shot fired
224	2330	2330	Shot fired
225	2340	2340	Shot fired
226	2350	2350	Shot fired
227	2360	2360	Shot fired
228	2370	2370	Shot fired
229	2380	2380	Shot fired
230	2390	2390	Shot fired
231	2400	2400	Shot fired
232	2410	2410	Shot fired
233	2420	2420	Shot fired
234	2430	2430	Shot fired
235	2440	2440	Shot fired
236	2450	2450	Shot fired
237	2460	2460	Shot fired
238	2470	2470	Shot fired
239	2480	2480	Shot fired
240	2490	2490	Shot fired
241	2500	2500	Shot fired
242	2510	2510	Shot fired
243	2520	2520	Shot fired
244	2530	2530	Shot fired
245	2540	2540	Shot fired
246	2550	2550	Shot fired
247	2560	2560	Shot fired
248	2570	2570	Shot fired
249	2580	2580	Shot fired
250	2590	2590	Shot fired
251	2600	2600	Shot fired
252	2610	2610	Shot fired
253	2620	2620	Shot fired
254	2630	2630	Shot fired
255	2640	2640	Shot fired
256	2650	2650	Shot fired
257	2660	2660	Shot fired
258	2670	2670	Shot fired
259	2680	2680	Shot fired
260	2690	2690	Shot fired
261	2700	2700	Shot fired
262	2710	2710	Shot fired
263	2720	2720	Shot fired
264	2730	2730	Shot fired
265	2740	2740	Shot fired
266	2750	2750	Shot fired
267	2760	2760	Shot fired
268	2770	2770	Shot fired
269	2780	2780	Shot fired
270	2790	2790	Shot fired
271	2800	2800	Shot fired
272	2810	2810	Shot fired
273	2820	2820	Shot fired
274	2830	2830	Shot fired
275	2840	2840	Shot fired
276	2850	2850	Shot fired
277	2860	2860	Shot fired
278	2870	2870	Shot fired
279	2880	2880	Shot fired
280	2890	2890	Shot fired
281	2900	2900	Shot fired
282	2910	2910	Shot fired
283	2920	2920	Shot fired
284	2930	2930	Shot fired
285	2940	2940	Shot fired
286	2950	2950	Shot fired
287	2960	2960	Shot fired
288	2970	2970	Shot fired
289	2980	2980	Shot fired
290	2990	2990	Shot fired
291	3000	3000	Shot fired
292	3010	3010	Shot fired
293	3020	3020	Shot fired
294	3030	3030	Shot fired
295	3040	3040	Shot fired
296	3050	3050	Shot fired
297	3060	3060	Shot fired
298	3070	3070	Shot fired
299	3080	3080	Shot fired
300	3090	3090	Shot fired
301	3100	3100	Shot fired
302	3110	3110	Shot fired
303	3120	3120	Shot fired
304	3130	3130	Shot fired
305	3140	3140	Shot fired
306	3150	3150	Shot fired
307	3160	3160	Shot fired
308	3170	3170	Shot fired
309	3180	3180	Shot fired
310	3190	3190	Shot fired
311	3200	3200	Shot fired
312	3210	3210	Shot fired
313	3220	3220	Shot fired
314	3230	3230	Shot fired
315	3240	3240	Shot fired
316	3250	3250	Shot fired
317	3260	3260	Shot fired
318	3270	3270	Shot fired
319	3280	3280	Shot fired
320	3290	3290	Shot fired
321	3300	3300	