dget Bureau No. 42-R355.4.
pproval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 069276
LEASE OR PERMIT TO PROSPECT

MAR 20 1958
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 24 1958

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Hudson & Hudson, Address 1810 Electric Bldg., Ft. Worth, Tex
Lessor or Tract Iverson-Federal Field Wildcat State New Mexico
Well No. 2 Sec. 29 T. 18S R. 33E Meridian NMPM County Lea
Location 1980 ft. {N./S.} from {N./S.} Line and 660 ft. {E./W.} of E. Line of Sec. 29 Elevation 3773
(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 D. Hudson
Date March 17th, 1958 Title Partner

The summary on this page is for the condition of the well at above date.
Commenced drilling December 30, 1957 Finished drilling Plugged and abandoned March 10th, 19 58

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 - 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 From—	Perforated To—	Purpose
13 3/8	48			314		all			
10 3/4	32.75			693		1340			
8 5/8	24			3655		1340			

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
		none				

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 1 feet to 4510 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing Plugged and abandoned, 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

E. W. Hughes, Driller Morris Tidmore, Driller
J. M. Pope, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Surface
20	40	20	Sand & Gravel
40	85	45	Red Rock
85	135	50	Red Mud
135	155	20	Red Rock (Top of Yates 3025
155	200	45	Blue Shale (Top of Salt 1472
200	215	15	Broken Lines (Top of Anhy. 1360
215	225	10	Hard Gray Sand (Base of Salt 2730
225	240	15	Broken Lime (Top of Queen 4170
240	255	15	Red Rock (Top of Penrose 4404
255	280	25	Red Shale
280	310	30	Blue Mud
310	315	5	Gravel
315	320	5	Blue Shale
320	345	25	Red Shale
345	405	60	Sandy Shale
405	735	330	Red Shale
735	755	20	Water Sand
755	765	10	Red Shale
765	805	40	Sand & Red Shale
805	819	14	Red Shale
819	825	6	Water Sand
825	833	8	Sand
833	840	7	Sandy Shale
840	845	5	Red Shale
845	850	5	Water Sand
850	860	10	Sand & Gravel
860	877	17	Sand
877	884	7	Red Shale

FOLD | MARK

FORMATION RECORD—Continued

FEET		TOTAL	FORMATION
884	915	31	Red Sand
915	928	13	Sand
928	935	7	Gravel & Red Rock
935	942	7	Red Rock
942	950	8	Red & Blue Shale
950	980	30	Red Shale
980	1000	20	Red Rock
1000	1140	140	Red Shale
1140	1175	35	Red Rock
1175	1195	20	Red Shale
1195	1215	20	Red Rock & Shale
1215	1235	20	Red Rock
1235	1315	80	Red Shale
1315	1335	20	Red Shale & Red Rock
1335	1360	25	Red Shale
1360	1393	33	Anhydrite
1393	1400	7	Broken Anhydrite
1400	1490	90	Anhydrite
1490	1530	40	Anhy. & Salt
1530	1570	40	Broken Salt
1570	1610	40	Salt & Red Shale
1610	1640	30	Red Shale & Sand
1640	1655	15	Salt & Red Shale
1655	1705	50	Salt & Red Rock
1705	1760	55	Salt & Red Shale
1760	1815	55	Salt-Anhy. & Red Rohol
1815	1865	50	Salt
1865	1920	55	Salt-Potash
1920	2050	130	Salt
2050	2175	125	Salt & Potash
2175	2203	28	Salt
2203	2217	14	Anhydrite
2217	2221	4	Salt
2221	2230	9	Anhydrite
2230	2265	35	Salt & Potash
2265	2310	45	Salt Potash & Red Shale
2310	2365	55	Salt
2365	2415	50	Salt & Potash
2415	2570	155	Salt
2570	2575	5	Anhydrite
2575	2625	50	Salt & Anhydrite
2625	2745	120	Salt
2745	2770	25	Anhydrite
2770	2800	30	Broken Anhydrite
2800	3018	218	Anhydrite-Broken
3018	3055	37	Red Shale
3055	3090	35	Anhydrite
3090	3160	70	Broken Anhydrite
3160	3275	115	Anhydrite
3275	3310	35	Broken Anhydrite
3310	3350	40	Broken Anhy. & Red Shale
3350	3415	65	Anhydrite
3415	3425	10	Lime
3425	3448	23	Broken Lime
3448	3535	87	Lime
3535	3545	10	Sand
3545	3605	60	Lime
3605	3630	25	Broken Lime
3630	3725	95	Lime
3725	3750	25	Broken Lime
3750	4170	420	Lime
4170	4233	63	Sand
4233	4430	197	Lime
4430	4435	5	Sand-Broken
4435	4445	10	Sand-Broken
4445	4504	59	Lime
4504	4510	6	Gray Lime

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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 "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.

LOCATE WELL CORRECTLY

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