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DEC 14 1959

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe
~~NR 02411~~

LEASE OR PERMIT TO PROSPECT -----

U. S. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Raymond Smith Address L02 South Second St, Artesia, N.M.
 Lessor or Tract Hondo Oil Company Field Wildcat
 Well No. 1 Sec. 20 T. 16 R. 29E State New Mexico
1980 Meridian N.M.P.M. County Eddy
 Location 1980 ft. N. of S Line and 660 ft. E. of W Line of Sec. 20 Elevation _____

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 Flora Duke For Robert S. Baurland
Title Accountant

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

Commenced drilling August 29, 1959 Finished drilling September 22, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>1175</u> to <u>1190</u> <u>1845</u> to <u>1854</u>	No. 4, from _____ to _____ No. 5, from _____ to _____
No. 2, from _____ to _____ No. 3, from <u>2278</u> to <u>2300</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	277	50			
7"	1628		puddled		(Pulled)

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from ~~0~~ _____ feet to ~~2335~~ _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- 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

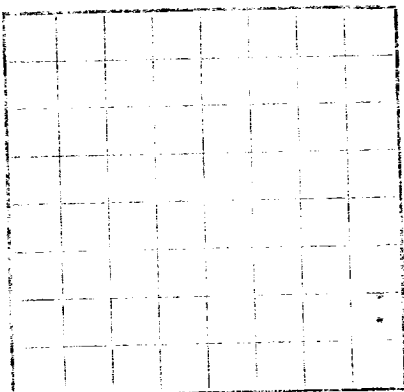
Truman Jacobs	Driller	W. A. High	Driller
Charley Powell	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Red Sand
90	120	30	Gravel
120	140	20	Anhydrite
140	150	10	Sand Water
150	157	7	Red Sand
157	185	28	Anhydrite & Gyp
185	220	35	Red Sand
220	245	25	Red Sand Rock
245	400	155	Red Sand Salt
400	465	65	Salt & Anhydrite
465	615	150	Salt
615	637	22	Anhydrite
637	655	18	Salt
655	710	55	Anhydrite & Salt
710	765	55	Anhydrite
765	815	50	Anhydrite & Shale
815	955	140	Red Rock & Anhydrite
955	995	40	Broken Anhydrite
995	1085	90	Anhydrite
1085	1130	45	Broken Anhydrite Lime Shale
1130	1200	70	Anhydrite
1200	1250	50	Lime & Anhydrite
1250	1350	100	Anhydrite
1350	1365	15	Anhydrite Broken
1365	1535	170	Anhydrite

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Location _____
State _____
County _____
Section _____
T. _____ R. _____
N. _____ S. _____
E. _____ W. _____
The information given hereon 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 _____
Date _____

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

Commenced drilling _____
Finished drilling _____
OIL OR GAS SANDS OR ZONES

(Describe each zone)
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

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, 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

U. S. GOVERNMENT PRINTING OFFICE 10-43084-2

MUDDING AND CEMENTING RECORD

Amount of mud used _____
Kind and quantity _____
Date _____

PLUGS AND ADAPTERS

Size _____
Location _____
Date _____

SHOOTING RECORD

Shot used _____
Quantity _____
Date _____
Result _____

TOOLS USED

Tool used _____
From _____ to _____
Date _____

DATES

Put in production _____
Date of which _____ was closed _____

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
anhydrite & lime	43	1578	1535
Sand Red	22	1600	1578
lime anhydrite	15	1615	1600
lime	49	1664	1615
Grey lime	13	1677	1664
lime	16	1693	1677
lime & anhydrite	16	1707	1693
anhydrite	31	1738	1707
Sand & lime	17	1755	1738
anhydrite	10	1765	1755
lime	16	1781	1765
Red sandy-anhydrite	19	1800	1781
Grey Sand	9	1809	1800
anhydrite	1	1817	1809
lime Grey	7	1817	1810
lime - slow & 2	37	1854	1817
1845-54			
Sand	8	1862	1854
anhydrite	10	1872	1862
Sand anhydrite	34	1906	1872
anhydrite - Brown shale	38	1944	1906
anhydrite	21	1965	1944
anhydrite & lime	36	2004	1965
anhydrite	29	2059	2004
lime	17	2164	2059
Diller	6	2170	2164
Diller	52	2222	2170
lime	47	2269	2222
anhydrite	8	2277	2269
Sand lime	23	2300	2277
and	28	2328	2300
lime - white	7	2331	2328
lime - fine & white	7	2335	2331