COPY TO O.C.C.

Form 9-330

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

RECEIVED
FEB 16 1959
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 068402
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Roach and Shepard Address 102 South Second - Artesia
Lessor or Tract Field State New Mexico
Well No. 2 Sec. 20 T. 18S R. 30E Meridian N.M.P.M. County Eddy
Location 1980 ft. {N.} of Line and 660 ft. {E.} of Line of 20-18-30 Elevation 3310
{S.} {W.} (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 [illegible]

Date February 5, 1959 Title Accountant

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

Commenced drilling July 24, 1958 Finished drilling August 29, 1958

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 378 to 390 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
8 5/8				305'	Texas Pattern				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	374	25 sacks	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

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3400 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

Carl Jorren, Driller Kermit Hoover, Driller
W. D. Walker, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Sand & Caliche
15	115	100	Sandy Shale
115	160	45	Sand
160	195	35	Red Bed
195	250	55	Shale
250	275	25	Broken Anhydrite
275	335	60	Anhydrite & Gyp
335	365	30	Anhydrite
365	374	9	Red Bed
374	378	4	Anhydrite
378	390	12	Lime Water
390	400	10	Gyp shale - blue & red
400	415	15	Anhydrite & Red Bed
415	469	54	Red Bed
469	478	9	Anhydrite
478	485	7	Anhydrite & Salt
485	495	10	Salt
495	518	23	Gyp & Shale
518	750	232	Salt
750	770	20	Anhydrite
770	935	165	Salt
935	1020	85	Salt & Poly
1020	1115	95	Salt
1115	1140	25	Anhydrite
1140	1220	80	Salt
1220	1285	65	Salt & Poly

(OVER)

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FOLD

MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1285	1300	15	Salt
1300	1330	30	Anhydrite
1330	1410	80	Anhydrite & Lime
1410	1670	260	Anhydrite
1670	1690	20	Sandy Anhydrite
1690	2080	390	Anhydrite
2080	2180	100	Anhydrite & Lime
2180	2195	15	Anhydrite
2195	2220	25	Brown Lime
2220	2275	55	Lime
2275	2325	50	Anhydrite & Lime
2325	2432	107	Anhydrite
2432	2446	14	Lime
2446	2478	32	Lime & Anhydrite
2478	2580	102	Anhydrite
2580	2620	40	Red Sand
2620	2625	5	Anhydrite
2625	2637	12	Grey Lime & Anhydrite
2637	2650	13	Brown Lime
2650	2665	15	Anhydrite & Lime
2665	2685	20	Lime
2685	2770	85	Anhydrite & Lime
2770	2782	12	Lime
2782	2800	18	Sand
2800	2869	69	Anhydrite & Lime
2869	2900	31	Brown Lime
2900	2908	8	Red Shale
2908	2920	12	Sandy Anhydrite
2920	2930	10	Anhydrite & Lime
2930	2950	20	Sand & Anhydrite
2950	2975	25	Anhydrite
2975	3027	52	Lime
3027	3074	47	Gray Sandy Lime
3074	3114	40	Lime
3114	3185	71	Gray Lime
3185	3219	34	Lime
3219	3232	13	Sand & Lime
3232	3236	4	Lime
3236	3264	28	Sandy Lime
3264	3278	14	Brown Lime
3278	3297	19	Lime
3297	3313	16	Gray Lime
3313	3330	17	Sandy Lime
3330	3339	9	Brown Lime
3339	3358	19	Gray Lime
3358	3375	17	Sandy Lime
3375	3400	25	Sand
3400			

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.

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