U. S. G. S. COPY

Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-028978(b)
LEASE OR PERMIT TO PROSPECT

RECEIVED
MAR 12 1962
O. C. C.
ARTESIA, OFFICE

RECEIVED
MAR 9 1962
GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Simms & Reese Oil Company Address 200 Booker Bldg. - Artesia, N.M.
Lessor or Tract McClay "GR" Field Benson-Queen State New Mexico
Well No. 4 Sec. 34 T. 18 R. 30 Meridian NMPM County Eddy
Location 1980 ft. {N.} of S Line and 660 ft. {E.} of W Line of Section 34 Elevation 3426.7 (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

Date February 8, 1962 Title Partner

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

Commenced drilling October 4, 19 61 Finished drilling November 11, 19 61

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3255 to 3265 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 355 to 365 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	24#	8	Used	650	Standard				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	650	50 sacks			

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 2419 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

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	Sand
5	15	10	Caliche
15	40	25	Sand
40	120	80	Red Bed
120	155	35	Sand & Red Rock
155	295	140	Red Rock
295	650	355	Anhy
650	690	40	Salt
690	750	60	Salt, Gyp & Polyhalite
750	1295	545	Salt
1295	1355	60	Broken Anhy & Gyp
1355	1537	182	Salt
1537	1810	273	Anhy
1810	1845	35	Sandy Broken Anhy
1845	1875	30	Anhy & Red Rock
1875	1915	40	Anhy
1915	1955	40	Broken Anhy
1955	2020	65	Anhy
2020	2050	30	Anhy & Lime
2050	2085	35	Anhy
2085	2115	30	Anhy & Sand
2115	2210	95	Lime
2210	2235	25	Lime & Anhy
2235	2280	45	Lime
2280	2295	15	Anhy
2295	2340	45	Lime

[OVER]

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FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2340	2355	15	Gray Lime
2355	2612	257	Lime
2612	2645	28	Sandy Lime
2645	2664	19	Red Lime
2664	2840	176	Lime
2840	2855	15	Sand
2855	2900	45	Red Sand
2900	2950	50	Lime
2950	2962	12	Anhy
2962	2970	8	Grey Lime
2970	3079	109	Lime
3079	3099	20	Sand Broken
3099	3101	2	Hard Anhy
3101	3189	88	Lime
3189	3220	31	Broken Sandy Lime
3220	3255	35	Lime
3255	3265	10	Sand
3265	3347	82	Lime
3347	3372	25	Sandy Lime
3372	3385	13	Lime
3385	3404	19	Sandy Lime
3404	3419	15	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.