Form 9-330

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

COPY

U. S. Land Office Las Cruces
Serial Number 054253
Lease or Permit to Prospect Julia Brainard

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-03387

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Yates-Contental Address Artesia, New Mexico
Lessor or Tract Julia Brainard Field Loco Hills State New Mexico
Well No. 1 Sec. 11 T. 18 R. 29 Meridian N.M.P.M. County Eddy
Location 330 ft. {N./S.} of N Line and 330 ft. {E./W.} of E Line of Sec. 11 Elevation 3521 (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 G. M. Pruswell
Date August 12, 1939 Title District Superintendent

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

Commenced drilling May 20, 1939 Finished drilling July 10, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2642 to 2670 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 none 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
8¼"	28#	8	Whelling	428'	Regular				Salt String
7"	20#	8		8569	Larkin				Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8¼"	428	50 sacks	Gibson	none	none
7"	2569	150 sacks	Gibson		4 tons mud

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
	5½	Nitro	140 qts.	7-11	2640-2670	2670-2685

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 2701 feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing July 16, 1939

The production for the first 24 hours was 400 barrels of fluid of which 98 % was oil; ____ % emulsion; ____ % water; and 2 % sediment. Gravity, °Bé. 36.5

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

R. N. Sallee, Driller G. L. Blount, Driller
W. H. Baxter, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	12		Surface sand & clay
12	40		Redbed
40	55		Redrock
55	70		Sand rock
70	215		Redrock
215	225		Redrock & gyp
225	250		Gyp
250	280		Gypsum
280	285		Shale
285	300		Sandy shale
300	305		Gypsum
305	315		Sandy
315	330		Redrock
330	340		Redbed & gyp
340	360		Red mud
360	376		Redrock
376	381		Gyp
381	405		Gyp & redbed
405	430		Salt
430	440		Redrock
440	455		Anhyd.
455	955		Salt
955	980		Anhyd.
980	990		Blue shale
990	1040		Anhyd. & salt

(OVER)

FROM—	TO—	TOTAL FEET	FORMATION
1040	1055		Anhyd. and lime shell
1055	1175		Anhyd.
1175	1220		Anhyd. & brown shale
1220	1255		Anhyd.
1255	1270		Redrock
1270	1555		Anhyd.
1555	1590		Anhyd. & lime shells
1590	1845		Anhyd.
1845	1865		Lime
1865	1870		Anhyd.
1870	1885		Lime
1885	2000		Anhyd. & shale
2000	2125		Anhyd.
2125	2145		Anhyd. & lime shells
2145	2155		Anhyd.
2155	2165		Lime
2165	2195		Red sand
2195	2215		Lime
2215	2260		Lime & anhyd.
2260	2280		Lime
2280	2310		Anhyd.
2310	2330		Gray lime
2330	2360		Anhyd., shale stringers
2360	2390		Anhyd.
2390	2410		Brown lime
2410	2455		Anhyd.
2455	2465		Lime, Brown
2465	2480		Gray lime
2480	2520		lime
2520	2535		Gray lime
2535	2553		Lime
2553	2567		Brown lime
2567	2583		Gray lime
2583	2596		Hard lime
2596	2647		Gray lime
2647	2649		Oil sand. Top of sand corrected to 2642
2649	2651		Oil sand
2651	2659		Sand & lime
2659	2669		Sandy shale
2669	2690		White lime
2690	2693		Gray lime
2693	2696		White lime
2696	2701		Gray lime - TOTAL DEPTH

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.