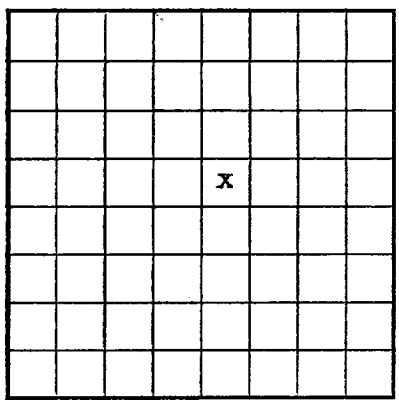
Budg[illegible]reau No. 42-R355.
Appro[illegible] expires 11-30-46.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 055561
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-01225

LOG OF OIL OR GAS WELL

Company Randolph Johnston Address Artesia, New Mexico
Lessor or Tract Barrentos Field Red Lake State New Mexico
Well No. 2 SW¼NE¼ Sec. 35 T. 17 R. 27 Meridian N.M.P.M. County Eddy
Location 2310 ft. {N. / S.} of E Line and 2310 ft. {E. / W.} of S Line of 35-17-27 Elevation (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 Randolph Johnston

Date July 25, 1942 Title

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

Commenced drilling ....., 19.... Finished drilling ....., 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 337 to 343 Gas Smell No. 4, from ..... to .....
No. 2, from 397 to 446 Broken No. 5, from ..... to .....
No. 3, from ..... to lime pay 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
8"	28#	10 Thr.	Used	390	Tex.Pattern				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8"	390	20	Self		

FOLD MARK

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
	1000 Gallons of acid - Halliburton					

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet
Cable tools were used from 0 feet to 446 feet, and from ..... feet to ..... feet

DATES

....., 19.... Put to producing 1/11, 1942

The production for the first 24 hours was 30 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
George Williams, Driller Bill Nicholson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10		Soil
10	16		Lime
16	95		Caliche
95	120		Red Bed
120	150		Red Rock-Anhydrite
150	155		Red Rock-
155	215		Red Bed
215	225		Anhydrite
225	240		Red Rock-Anhydrite
240	265		Anhydrite
265	290		Red Rock-Anhydrite
290	322		Anhydrite
322	337		Red Bed
337	343		Anhydrite Gas
343	346		Red Bed
346	397		Anhydrite
397	446		Broken Lime - Oil Pay
Total Depth 446			

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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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.