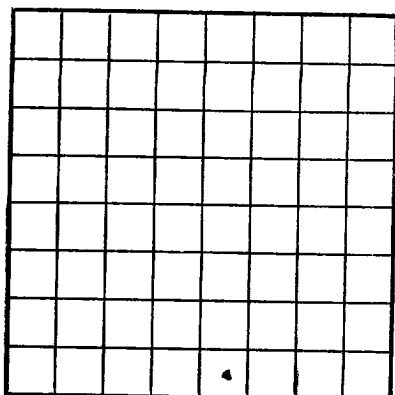


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028755
LEASE OR PERMIT TO PROSPECT H. Russell

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Empire Gas and Fuel Address Bartlesville, Oklahoma
Lessor or Tract H. Russell Field Artesia State New Mexico
Well No. 2-A Sec. 35 T. 17S R. 27E Meridian N.M.P.M. County Eddy
Location 330 ft. {N.} of S Line and 330 ft. {E.} of W Line of SE 1/4 Elevation 3609.6
(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 /s/ Geo. E. DavisDate March 12, 1927Title District Foreman

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

Commenced drilling Feb. 14, 1927, 19... Finished drilling March 12, 1927, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 415' to 432' No. 4, from _____ to _____
No. 2, from 1613' to 1624' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 706' to 715' 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		Purpose
							From—	To—	
<u>10"</u>	<u>35#</u>	<u>8</u>	<u>Ygs</u>	<u>435</u>	<u>Texas Pattern</u>				
<u>8 1/2"</u>	<u>28#</u>	<u>8</u>	<u>Central</u>	<u>945</u>	<u>Do.</u>				
<u>6 5/8"</u>	<u>20#</u>	<u>8</u>	<u>to be run</u>						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTE

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 _____ feet to _____ 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

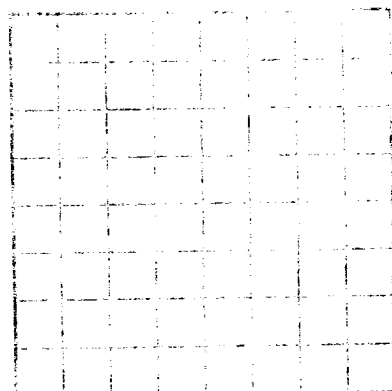
J. E. Evarts, Driller _____, Driller

G. W. Gilmore, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3	3	Soil
3	30	27	Gypsum shells
30	60	30	Gypsum
60	120	60	Lime
120	160	40	Red bed shells
160	230	70	Red bed
230	260	30	Red bed shells
260	290	30	Gypsum
290	355	65	Lime
355	510	155	Gypsum
510	540	30	Lime
540	660	120	Gypsum
660	715	35	Red sand
715	895	170	Gypsum
895	945	50	Red sand
945	1090	145	Gypsum
1090	1110	20	Red bed
1110	1160	50	Gypsum
1160	1195	35	Sand (Slight show of oil)
1195	1205	10	Gypsum
1205	1225	20	Brown lime
1225	1355	130	Gypsum
1355	1410	155	Gray lime
1410	1420	10	Gypsum
1420	1425	5	Red bed
1425	1445	20	Gray lime

LOG OF OIL OR GAS WELL



LOCALITY 11, 2000

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1. The first part of the document is a letter from the author to the editor of the journal, dated 1961. The letter discusses the author's interest in the subject of the journal and the author's intention to submit a paper to the journal.

23102 NO 20142 2-7 30 110

[illegible][illegible]

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 "added" 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.

HISTORY OF OIL OR GAS WELL

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FROM	TO	TOTAL FEET	FORMATION
1445	1465	20	Brown lime
1465	1475	20	Gray sand
1475	1495	20	Gray-lime
1495	1505	10	Brown lime
1505	1515	10	Gray sand
1515	1530	15	Sandy lime
1530	1555	25	Gypsum
1555	1610	55	Gray lime
1610	1622	12	Sand
1622	1626	4	Sandy lime
1626	1638	12	Gray lime