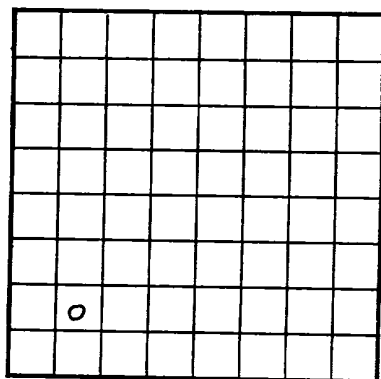
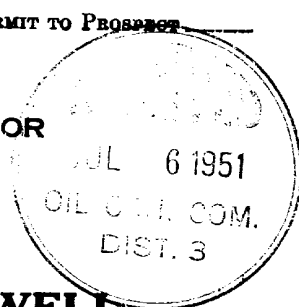


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 02861
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY*Unit 71*

LOG OF OIL OR GAS WELL

Company Ralph A Johnston Address 1453 Esperson Bldg, Houston, Texas
Lessor or Tract United States Field SE Kutz Canyon State New Mexico
Well No. 3 Sec. 19 T. 27N R. 9W Meridian NMFM County San Juan
Location 990 ft. {N.} of S Line and 990 ft. {E.} of W Line of Sect 19 Elevation 6558
(Denote 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 C. A. Kesterfield
Title Field SuperintendentDate July 3, 1951

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

Commenced drilling Dec 3, 19 50 Finished drilling Dec 18, 19 50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1050 to 1930 farm No. 4, from _____ to _____
No. 2, from 2402 to 2454 G 1 C No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 410 to 450 No. 3, from 820 to 853
No. 2, from 598 to 642 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>9 5/8</u>	<u>24.25</u>	<u>weld</u>	<u>S 1</u>	<u>106</u>	<u>Guide</u>	<u>None</u>			
<u>7"</u>	<u>17 1/2</u>	<u>3</u>	<u>smless</u>	<u>2398</u>	<u>Guide & float</u>	<u>none</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>106</u>	<u>65</u>	<u>Halliburton</u>		
<u>7"</u>	<u>2410</u>	<u>135</u>	<u>Halliburton</u>		

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
		<u>Glycerine</u>	<u>320 qts</u>	<u>11/50</u>	<u>2418-2465</u>	<u>2465</u>

TOOLS USED

Rotary tools were used from 0 feet to 2498 feet, and from _____ feet to _____ feet
Cable tools were used from 2410 feet to 2465 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 500,000 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
<u>0</u>	<u>25</u>	<u>25</u>	<u>surface clay and gravel</u>
<u>25</u>	<u>118</u>	<u>93</u>	<u>surface clay and shale</u>
<u>118</u>	<u>1566</u>	<u>1448</u>	<u>shale and sand</u>
<u>1566</u>	<u>1632</u>	<u>66</u>	<u>sand, shale and chert</u>
<u>1632</u>	<u>1650</u>	<u>18</u>	<u>chert</u>
<u>1650</u>	<u>1987</u>	<u>337</u>	<u>shale</u>
<u>1987</u>	<u>2230</u>	<u>243</u>	<u>sand and shale</u>
<u>2230</u>	<u>2350</u>	<u>120</u>	<u>sandy shale and coal</u>
<u>2350</u>	<u>2500</u>	<u>150</u>	<u>sand</u>

A blank sheet of white paper with a light gray grid pattern. The grid consists of small squares, typical of graph paper used for mathematics or engineering. There are no markings, text, or drawings on the page.

[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 detached 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued