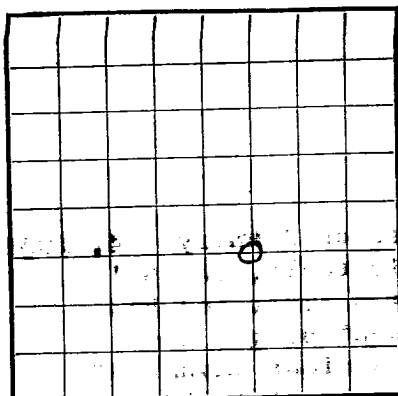


U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER 14-30-603-2031
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

745 Petroleum Club Bldg.
Denver, Colorado

Company King Oil Company Address

Lessor or Tract Navajo Field Wildcat State New Mexico

Well No. 2 Sec. 20 T. 30N R. 16W Meridian NMPM County San Juan

Location 1280 ft. [N.] of S Line and 1280 ft. [W.] of E Line of Section 20 Elevation 5387 gr
(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 W. C. Julander H. C. Julander
Petroleum Geologist

Date January 28, 1958 Title

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

Commenced drilling 1/9/58, 19... Finished drilling 1/24/58, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to 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 1407 to 1493 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>9 5/8</u>	<u>32</u>	<u>3 rd</u>	<u>used</u>	<u>52'</u>	<u>none</u>				<u>surface</u>
HISTORY OF OIL OR GAS WELL									

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>61'</u>	<u>25 sk</u>	<u>contractor</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	<u>None</u>					

TOOLS USED

Rotary tools were used from none feet to feet, and from feet to feet

Cable tools were used from surface feet to 1493 feet, and from feet to feet

DATES

....., 19... Put to producing none, 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.

Contractor C. Branch

EMPLOYEES

Aztec, NM, Driller E. A. Murphy, Driller

A. L. Cook, Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>873</u>	<u>873</u>	<u>shale, minor sand stringers</u>
<u>873</u>	<u>882</u>	<u>24</u>	<u>sand</u>
<u>882</u>	<u>892</u>	<u>83</u>	<u>shale and siltstone</u>
<u>892</u>	<u>902</u>	<u>36</u>	<u>sand and shale</u>
<u>902</u>	<u>912</u>	<u>14</u>	<u>limestone and shale</u>
<u>912</u>	<u>1032</u>	<u>437</u>	<u>shale, minor amount of sand</u>
<u>1032</u>	<u>1469</u>	<u>24</u>	<u>sand</u>
<u>1469</u>	<u>1493</u>		

The well was spudded on January 9 and completed on January 24, 1958 as a dry hole. The test was drilled with cable tools, and 82' of surface casing was set. The Gallup at 875 was tight and had no shows; the lower Gallup yielded a small amount of gas to measure. The Dakota at 1489 yielded a minor amount of gas at 1472 which dissipated. The Dakota was void of fluid or shows to 1487. Water was encountered from 1487 to 1493.

small to measure. The Dakota at 1469
has an 1972 which is distributed.

The information given hereafter 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 _____

W. C. Johnson

Location _____ of _____ of _____
Well No. _____
Lessor or Trust _____
County _____ State _____
Company _____

The number on this page is for the condition of the work at the time of the examination.

00 100 50 20000 200 30 100

RESEARCH DESIGN

100-443887-100

[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 "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.

HISTORY OF OIL OR GAS WELL

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