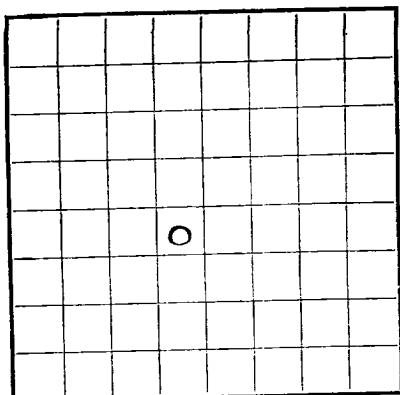


U. S. LAND OFFICE Navajo Contract
SERIAL NUMBER 1-149-Ind 7653
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

610 Patterson Building
Company King Oil Company Address Denver 2, Colorado
Lessor or Tract Navajo Field Wildcat State New Mexico
Well No. 1 Sec. 4 T30N R.17W Meridian NMPM County San Juan
Location 2310 ft. N. of S. Line and 2310 ft. E. of W. Line of Sec. 4 Elevation 5103 Gr.
(Derriek 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 Weldon C. Julander
Petroleum Geologist, 3010 Monte Vista NE
Albuquerque, NM
Date December 11, 1957

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

Commenced drilling November 7, 19 57 Finished drilling November 14, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Gas 473 to 501 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		Purpose
							From	To	
9 5/8	32#	8 rd	National	56'	Coupling				Surface Production
5 1/2	15#	8 rd	National	515'	Short		473	474	
						and	486	490	
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
9 5/8	56'	20	Contractor		
5 1/2	515'	75	Halliburton		

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

TOOLS USED

Rotary tools were used from None feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 515 feet, and from _____ feet to _____ feet

DATES

December 1, 19 57 Put to producing December 13, 1957, 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 50 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 202 #BHSIP

EMPLOYEES

J. L. Trotter, Driller Contractor C. Branch, Driller
W. G. Lewis, Driller Artec, NM, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	171	471	Shale, minor amount of sand
471	501	30	sand, Gallup, minor amount of shale stringers
	(Top of Gallup at 471)		
501	515	14	Shale
		Total Depth	515 feet

(OVER)

FORMATION

FROM-

—TO—

TOTAL FEET

FORMATION

30

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.

This well was spudded on November 7, 1957, with a cable tool rig and was drilled to a total depth of 515 feet. A good show of gas was encountered in the Gallup section, with a small show of live green oil on the baller from the Gallup. Pipe was set (5 1/2") to total depth for production tests. Perforations were made in the Gallup from 472 to 474 and from 486 to 490, fraced with 800 barrels of crude oil and 20,000 lbs of sand, and the well flowed gas estimated at 500 MCF to 500 MCFPD. The well was hooked on to a gas line and production began Dec 12, 1957. The well made 5 gallons of distillate per day. The RUSIP was 2024, 125# tubing flowing pressure, and had a deliverability of 160 MCFD.

No water was encountered in this well while drilling, or during the production tests.

CC4:

11X 100 30 100 30 100 30