Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Navajo
SERIAL NUMBER 14-20-603-5036
LEASE OR PERMIT TO PROSPECT

RECEIVED FEB 23 1962 DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Royal Development Co. Address P.O. Box 1299 - Albuquerque, N.M.
Lessor or Tract Shiprock 17 Navajo Field Shiprock-Gallup State New Mexico
Well No. 1-9 Sec. 17 T. 29N R. 18W Meridian NMPM County San Juan
Location 1650 ft. {N.} of S Line and 660 ft. {E.} of E Line of Sec. 17 Elevation 5196 G.L.
(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 C. F. Stringer

Date November 3, 1961 Title C. F. Stringer, Prod. Supt.

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

Commenced drilling October 24, 1961 Finished drilling October 27, 1961

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 93' to 97' No. 4, from to
No. 2, from 99' to 101' 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 From—	Perforated To—	Purpose
5½"	15.5	8	J-55	91'	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½	91'	7	Cemented to surface.		

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
		Completed open hole.				

TOOLS USED

Rotary tools were used from Zero feet to 114' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing November 14, 1961

The production for the first 24 hours was 11 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 54

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

TOP GALLUP 63'

EMPLOYEES

O.L. Ray, Grants, New Mexico, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

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