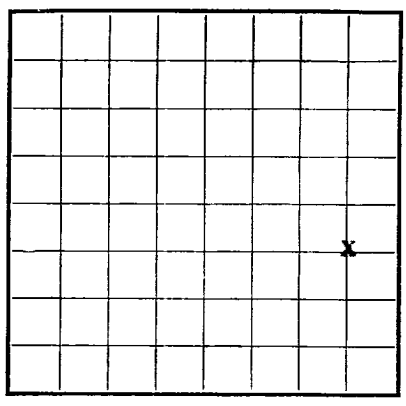
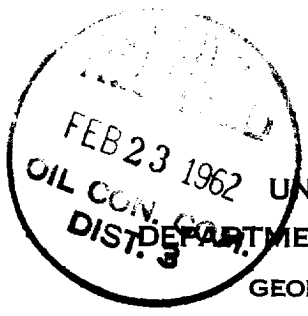
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

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



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ROYAL DEVELOPMENT CO. Address P.O. BOX 1299, ALBUQUERQUE, NEW MEXICO

Lessor or Tract Navajo Shiprock 17 Field Shiprock-Gallup State New Mexico

Well No. 1-5 Sec. 17 T. 29N R. 18W Meridian NMPM County San Juan

Location 1980 ft. {N./S.} of S Line and 165 ft. {E./W.} of E Line of Sec. 17 Elevation 5186 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 2, 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 23, 19 61 Finished drilling October 26, 19 61

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 101' to 104' 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 From—	Perforated To—	Purpose
5½"	15.5	8	J-55	101'	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½"	101'	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 122' 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 13, 19 61

The production for the first 24 hours was 4 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. ____

EMPLOYEES

TOP OF GALLUP 74'

O. L. Ray, Grants, N.M., Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-3

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

LOG OF OIL OR GAS WELL

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