Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company ROYAL DEVELOPMENT CO. Address BOX 1299 ALBUQUERQUE N M
Lessor or Tract NAVAJO Field SHIPROCK GALLUP State N M
Well No. SHIPROCK 17 Sec. J 6 T. 29N R. 18W Meridian NMP County San Juan
Location 1980 ft. {N. S.} of S Line and 1815 ft. {E. W.} of E Line of 17 Elevation 5207 GL
(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 [illegible]

Date 5 8 61 Title Prod Supt

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

Commenced drilling 4-30-61, 19 Finished drilling 4-30-61, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 72' to 78' 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

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½	72'	5	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

TOOLS USED

Rotary tools were used from 0 feet to 92' TD feet, and from feet to feet
Cable tools were used from none feet to feet, and from feet to feet

DATES

4 30 61, 19 Put to producing same, 19
The production for the first 24 hours was 5 barrels of fluid of which 100% 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 51
Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller
O L Ray Drilling Co Grants NM
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-5

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.