

U. S. LAND OFFICE NAVAJO
SERIAL NUMBER 14-20-60, 5036
LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ROYAL DEVELOPMENT CO Address BOX 1299 ALBUQUERQUE N.M.
 Lessor or Tract NAVAJO Field SHIPROCK GALLUP State NEW MEX
 Well No. SHIPROCK 17 Sec. 17 T 29N R. 18W Meridian NMP County San Juan
 Location 1980 ft. [N.] of S. Line and 2475 ft. [W.] of E. Line of 17 Elevation 5213 GL
 (Derrick floor relative to 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. [Signature]

Date 5 6 61 Title Prod Supt

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

Commenced drilling 5-1-61, 1961 Finished drilling 5-1-61, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 64 to 70 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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
	FORMATION TOPS:	I	MANCOS	0ft		
			GALLUP	37ft		

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Five 5 2 61 The production for the first 24 hours was ----- emulsion; ----- % water; and ----- % sediment. 5 If gas well, cu. ft. per 24 hours ----- Rock pressure, lbs. per sq. in. -----	Put to producing -----, 19----- barrels of fluid of which same % was oil; ----- % Gravity, °Bé. 100 Gallons gasoline per 1,000 cu. ft. of gas 51
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EMPLOYEES

EMPLOYEES		Driller	
_____	Driller	_____	Driller
_____	Driller	_____	Driller

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued

FORMATION

TOTAL FEET

TO-

FROM-

FORMATION RECORD

EMPLOYEES

TOOLS USED

SHOOTING RECORD

PLUGS AND ADAPTERS

MUDDING AND CEMENTING RECORD

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 "struck" 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.

CASING RECORD

Casing	Length	Weight	Kind of shoe	Cut and pulled from	Purposes
No. 1	from _____ to _____	No. 1 from _____ to _____			
No. 2	from _____ to _____	No. 2 from _____ to _____			
No. 3	from _____ to _____	No. 3 from _____ to _____			
No. 4	from _____ to _____	No. 4 from _____ to _____			
No. 5	from _____ to _____	No. 5 from _____ to _____			
No. 6	from _____ to _____	No. 6 from _____ to _____			

Oil or Gas Sands or Zones

Important Water Sands

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

Drill _____

Finished drilling _____

Signature _____

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Address _____

Field _____

State _____

County _____

Latitude _____

Longitude _____

Elevation _____

Locate well correctly

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

Please or Permit to Prospect

Serial Number

U. S. Land Office

Form approved by the Bureau of Reclamation

Form 9-2830