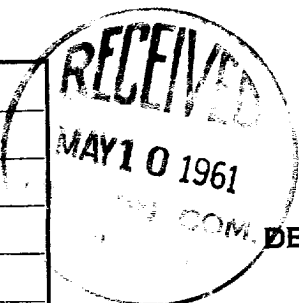


A blank 10x10 grid with a small 'x' in the bottom-left corner.



U. S. LAND OFFICE ----- NAVAJO -----
SERIAL NUMBER ----- 14-20-603-5036 -----
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 ~~1200~~ 1299 ALBUQUERQUE N M

Lessor or Tract NAVAJO Field SHIFFROCK GAS Suite NEW MEX

Well No. Shiprock 16 Sec. 16 T. 27N R. 18W Meridian NM-M County San Juan

Location 1980 ft. [N.] of S Line and 165 ft. [E.] of W Line of Sec 16 Elevation 5185
(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. Horgan

Date 5.6.61 Title Cr stringer prod Supt

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

Commenced drilling 3 30 61-----, 19----- Finished drilling 4 1 61-----, 19-----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 111 to 113 No. 4, from _____ to _____
No. 2, from 118 to 120 No. 5, from _____ to _____
No. 3, from 121 to 122 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
	11.4 IN. 100 LBS - 0		1 - Mancos			
		79'	Gallup			

TOOLS USED

Rotary tools were used from 0 feet to 136 feet, and from _____ feet to _____ feet
Cable tools were used from none feet to _____ feet, and from _____ feet to _____ feet

DATE

4 2 61	Put to producing same
The production for the first 24 hours of	barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment.	Gravity, °Bé. 51
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

[illegible]

