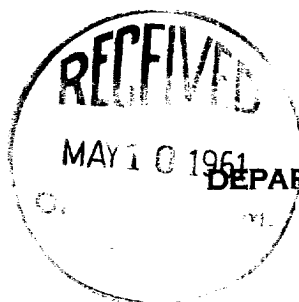
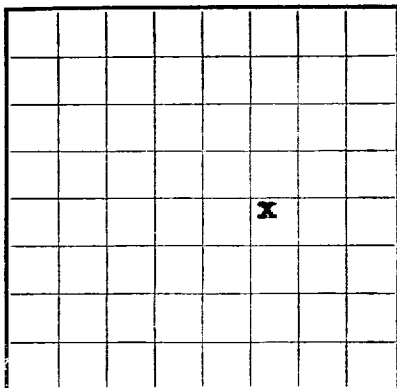


NAVAJO
U. S. LAND OFFICE _____
SERIAL NUMBER 11 20 603 5036
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ROYAL DEVELOPMENT CO Address BOX 1299 ALBUQUERQUE N M
 Lessor or Tract NAVAJO Field SHIPROCK GALLUS State NEW MEX
SHIPROCK 17
 Well No. J-1 Sec. 17 T. 29N R. 18W Meridian NMP County SAN JUAN
 Location 2310 ft. N of S Line and 1650 ft. E of E Line of Sec. 17 Elevation 5198.42 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.

Date 5 6 61 Signed [Signature] Title S-TRINGLER PROL-SuPT

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

Commenced drilling 3 24 61, 19____ Finished drilling 3 25 61, 19____

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

(Denote gas by G)

No. 1, from <u>69'</u> to <u>78'</u>	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

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 $\frac{1}{2}$	67'	5	Cement 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
(TOPS - 0 - HANCOS						
421 - GALLUP)						

TOOLS USED

Rotary tools were used from 0 feet to 91.41 feet, and from feet to feet
Cable tools were used from none feet to feet, and from feet to feet

DATES

----- 3-26-61 -----, 19-----
 The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- %
 emulsion; 0 % water; and 0 % sediment. Put to producing ----- same -----, 19-----
 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

				O L RAY DRILLING CO GRANTS, N MEX
- - - - -	, Driller			
- - - - -	, Driller			

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

