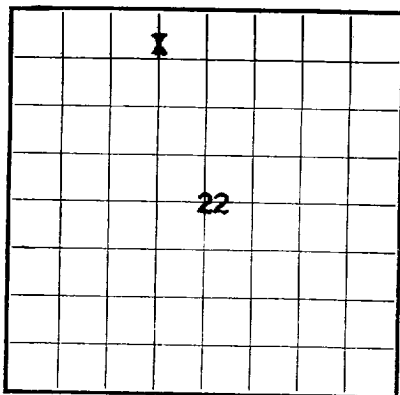


SERIAL NUMBER **NM 021530**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company Shell Oil Company Address 101 S. Behrend, Farmington, N.M.
Lessor or Tract Federal Field Bisti State New Mexico
^{Gov't}
Well No. 21-22A Sec. 22 T. 25N R. 11W Meridian NMFM County San Juan
Location 660 ft. ^{N.}_{S.} of N Line and 1980 ft. ^{E.}_{W.} of W Line of Sec 22 Elevation 6417 MB
(Ditch)

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 November 12, 1957 Title Exploitation Engineer

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

Commenced drilling September 13-----, 19-57 Finished drilling September 20-----, 19-57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

Gross			
No. 1, from 4273	to 4900	(G)	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 _____ to _____
No. 2, from _____ to _____
No. 3, from ~~None~~ _____ 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
2-5/8"	166	100	Displacement	-	-
4-1/2"	4937	150	"	-	-

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
			None			

TOOLS USED

Rotary tools were used from _____ feet to 4940 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 12, 1957 Put to producing September 28, 1957
The production for the first 24 hours was 0 barrels of fluid of which % was oil; %
emulsion; % water; and % sediment. Gravity. °Bé.

If gas well, cu. ft. per 24 hours 1240 Gallons gasoline per 1,000 cu. ft. of gas No measurement

Tubing Rock pressure, lbs. per sq. in. 60

EMPLOYEES

J. Speaker	Driller	Brinkerhoff Drilling Company #1	Driller
F. Babcock	Driller	Black	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1232	1420	188	Pictured Cliffs
1420	1602	182	Lewis
1620	2060	458	Cliff House
2060	3660	1600	Allison-Menefee
3660	3869	209	Point Lookout
3869	4770	901	Mancos
4770	-	-	Gallup

