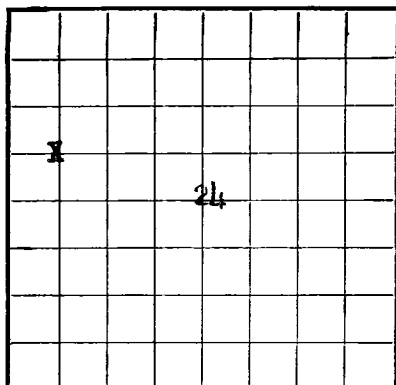


U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER SE 078064
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Company Shell Oil Company Address 101 S. Behrend, Farmington, New Mexico
 Lessor or Tract Federal Field Bisti State New Mexico
 Carson Unit
 Well No. 12-24 Sec. 24 T. 25N R. 12W Meridian NMPM County San Juan
 Location 980 ft. N. of N. Line and 660 ft. E. of W. Line of Sec. 24 Elevation 6431.3 KB

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 December 5, 1957

Title Exploitation Engineer

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

Commenced drilling October 10 1957 Finished drilling October 17 1957

OIL OR GAS SANDS OR ZONES

(Gross)

(Denote gas by G)

No. 1, from 1847 to 1952 No. 4, from _____
 No. 2, from _____ to _____ No. 5, from _____
 No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ 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
8-5/8"	140	100	Displacement	-	-
4-1/2"	5006	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 0 feet to 5006 feet, and from 0 feet to 0 feet.

Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

DATES

December 5....., 19 57 Put to producing November 28....., 19 57

The production for the first 24 hours was 78.1 barrels of fluid of which 99.8% was oil; -----% emulsion; -----% water; and 0.2% sediment. Gravity, $^{\circ}\text{Bé}$ 84. Approx. 39°AFT

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in: -----

EMPLOYEES

EMPLOYEES		Brinkerhoff Drilling Company	
Tabcock	Driller	Speaker	Driller
	Driller	Black	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1212	1388	176	Pictured Cliffs
1388	1570	182	Lewis
1570	2054	484	Cliff House
2054	3662	1608	Allison-Menefee
3662	3820	158	Point Lookout
3820	4744	924	Mancos
4744	-	-	Gallup

