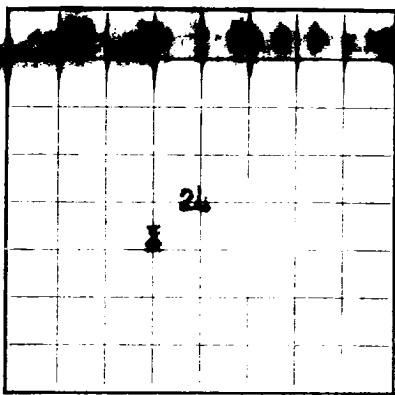


FILE

U. S. LAND OFFICE, Santa Fe, N.M.

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 151 South Central, Farmington, NM
Lessor or Tract Federal-Carson Unit Field Sisti State New Mexico
Well No. 23-24 Sec. 24 T. 25N R. 12W Meridian NMPM County San Juan
Location 1000 ft. N of N Line and 1980 ft. E of W Line of Sec. 24 Elevation 6455 KB
(Derive 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 _____ Original signed by
B. W. SHEPARD.

Date May 27, 1956 Title Exploitation Engineer

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

Commenced drilling April 22, 1958 Finished drilling April 28, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1951 (gross) to 1968 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 _____ 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"	103	100	Displacement	-----	-----
8 1/2"	1986	150	Displacement	-----	-----

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 1990 feet, and from 2000 feet to 2000 feet
Cable tools were used from 2000 feet to 2000 feet, and from 2000 feet to 2000 feet

DATES

----- **May 27** -----, 19**58** Put to producing ----- **May 22** -----, 19**58**

The production for the first 24 hours was 532 barrels of fluid of which 99.9% was oil; -----% emulsion; -----% water; and 0.1% sediment. Gravity, °Bé. Approx 39° API

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

Rock pressure, lbs. per sq. in.

EMPLOYEES Brinkerhoff Drilling Co.

W. Black	Driller	H. Babcock	Driller
C. Adams	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1286	1407	121	Pictured Cliffs
1407	1572	165	Lewis
1572	2082	510	Cliff House
2082	3664	1582	Allison - Menefee
3664	3848	184	Point Lookout
3848	4753	905	Mancos
4753	—	—	Gallup