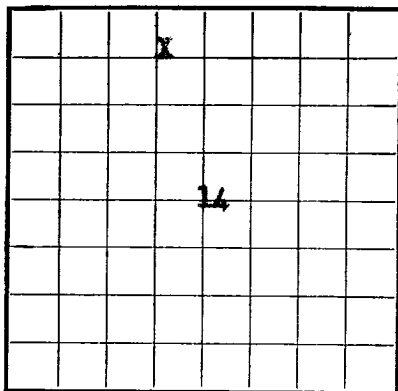


U. S. LAND OFFICE Santa Fe, N.M.SERIAL NUMBER SW 078067

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 - Carson Unit Field Bisti State New Mexico
Well No. 21-14 Sec. 14 T. 25N R. 11W Meridian MPM County San Juan
Location 698.5 ft. [N.] of N Line and 2011 ft. [E.] of W Line of Section 14 Elevation 6272 KB
(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 February 19, 1958 Signed B. W. SHEPARD Original signed by
Title Exploitation Engineer

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

Commenced drilling December 19, 1957 Finished drilling December 29, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from gross 4760 to 4870 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. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8</u>	<u>24</u>	<u>8</u>	<u>-</u>	<u>91</u>	<u>Baker</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>4-1/2</u>	<u>2.5</u>	<u>8</u>	<u>-</u>	<u>4905</u>	<u>-</u>	<u>4760</u>	<u>4870</u>	<u>-</u>	<u>Production</u>
MATERIALS OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>101</u>	<u>100</u>	<u>Displacement</u>	<u>-</u>	<u>-</u>
<u>4-1/2</u>	<u>4910</u>	<u>150</u>	<u>"</u>	<u>-</u>	<u>-</u>

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

TOOLS USED

Rotary tools were used from 0 feet to 4915 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 19, 1958 Put to producing February 10, 1958

The production for the first 24 hours was 700 barrels of fluid of which 99.9 % was oil; _____ %
emulsion; _____ % water; and 0.1 % sediment. Gravity 86 °Bé. 39 °API (Approx.)

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. M. Benton, Driller Brinkerhoff Drlg. Co.
A. C. Gary, Driller M. D. Schulze, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1119</u>	<u>1304</u>	<u>185</u>	<u>Pictured Cliffs</u>
<u>1304</u>	<u>1480</u>	<u>176</u>	<u>Lewis</u>
<u>1480</u>	<u>1954</u>	<u>474</u>	<u>Cliff House</u>
<u>1954</u>	<u>3590</u>	<u>1636</u>	<u>Allison - Menefee</u>
<u>3590</u>	<u>3750</u>	<u>160</u>	<u>Point Lookout</u>
<u>3750</u>	<u>4662</u>	<u>912</u>	<u>Mancos</u>
<u>4662</u>	<u>-</u>	<u>-</u>	<u>Gallup</u>

(OVER)

16-43094-4

FORMATION RECORD—CONTINUED



1. *Adaptation to the environment*
 2. *Adaptation to the environment*

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are thin and black, forming a standard coordinate plane background. There are no markings or text on the page.

LEONARD V. BLOOMBERG

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
10/1/70	IMPORT WATER SALES	10.00	101	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	102	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	103	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	104	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	105	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	106	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	107	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	108	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	109	WELLS FARGO
10/1/70	IMPORT WATER SALES	10.00	110	WELLS FARGO

IMPORTED WATER TREATMENT

[illegible]

CHOCSEA 000000

SECRET

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]