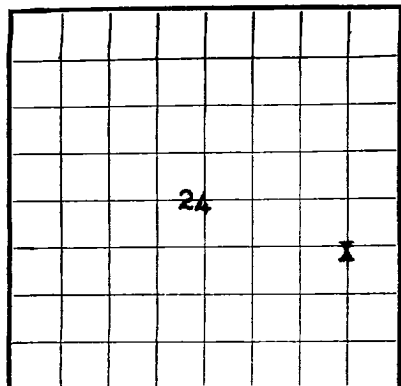


U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER SF 078064
LEASE OR PERMIT TO PROSPECT 

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, New Mexico
Lessor or Tract Federal - Carson Unit Field Bisti State New Mexico
Well No. 43-24 Sec. 24 T. 25 N. R. 12 W. Meridian NMPM County San Juan
Location 1980 ft. N. of S. Line and 660 ft. E. of E. Line of Section 24 Elevation 6461 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.

Original signed by
Signed B. W. SHEPARDDate April 14, 1958Title Exploitation Engineer

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

Commenced drilling January 23, 19 58 Finished drilling January 30, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4887 (gross) to 4971 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>96</u>	<u>Baker</u>	<u> </u>	<u> </u>	<u> </u>	<u>Surface</u>
<u>4-1/2"</u>	<u>10.5</u>	<u>8</u>	<u> </u>	<u>4979</u>	<u>Baker</u>	<u>4887</u>	<u>4971</u>	<u> </u>	<u>Production</u>
<u>HYDRO-CARBONATE OF CALCIUM</u>									

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>106'</u>	<u>100</u>	<u>Displacement</u>	<u> </u>	<u> </u>
<u>4-1/2"</u>	<u>4989'</u>	<u>150</u>	<u>Displacement</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 cleared out

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from feet to 4995 feet, and from feet to feet

DATES

 , 19 58 Put to producing , 19 58
The production for the first 24 hours was 112 barrels of fluid of which 99.9 % was oil; %
emulsion; % water; and 0.1 % sediment. Gravity, °Bé. 39.6
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

 , Driller Brinkerhoff Drilling Co., Driller
G. M. Benton, Driller M. D. Schulze
R. C. Cary, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1330</u>	<u>1409</u>	<u>79</u>	<u>Pictured Cliffs</u>
<u>1409</u>	<u>1582</u>	<u>173</u>	<u>Levis</u>
<u>1582</u>	<u>2088</u>	<u>506</u>	<u>Cliff House</u>
<u>2088</u>	<u>3687</u>	<u>1599</u>	<u>Allison - Manefee</u>
<u>3687</u>	<u>3853</u>	<u>166</u>	<u>Point Lookout</u>
<u>3853</u>	<u>4756</u>	<u>903</u>	<u>Mancos</u>
<u>4756</u>	<u> </u>	<u> </u>	<u>Gallup</u>

(OVER)

FORMATION RECORD—CONTINUED

