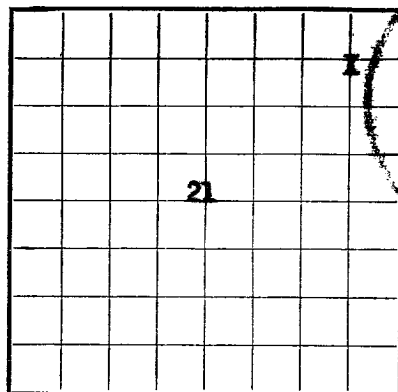


U. S. LAND OFFICE Santa Fe, N.M.

SERIAL NUMBER _____

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 705 Municipal Drive, Farmington, N.M.Lessor or Tract Federal - Gov't Field Bisti State New MexicoWell No. 11A-21 Sec. 21 T. 25N R. 12W Meridian NMPM County San JuanLocation 610 ft. SW of N Line and 610 ft. SW of E Line of Sec. 21 Elevation 6268 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.

Signed _____ Original signed by B. W. SHEPARDDate October 8, 1958 Title Exploration Engineer

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

Commenced drilling August 7, 1958 Finished drilling August 13, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4702 ^{gross} to 4816 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>Natl'l</u>	<u>100</u>	<u>Baker</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>Surface</u>
<u>4-1/2"</u>	<u>9.5</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>4702</u>	<u>4816</u>	<u>Productive</u>
<u>NO LOGS OF OIL OR GAS SANDS</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>110</u>	<u>100</u>	<u>Displacement</u>	<u>---</u>	<u>---</u>
<u>4-1/2"</u>	<u>4847</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 4850 feet, and from _____ feet to _____ feet

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

DATES

October 8, 1958 Put to producing September 19, 1958The production for the first 24 hours was 56 barrels of fluid of which 99.7 % was oil; _____ % emulsion; _____ % water; and 0.3 % sediment. Gravity 82.6 Approx. 40° 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

E. Babcock, Driller Brinkerhoff Drilling Company, DrillerJ. Speaker, Driller C. Adams, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1105</u>	<u>1250</u>	<u>145</u>	<u>Pictured Cliffs</u>
<u>1250</u>	<u>1440</u>	<u>190</u>	<u>Lewis</u>
<u>1440</u>	<u>2010</u>	<u>570</u>	<u>Cliff House</u>
<u>2010</u>	<u>3508</u>	<u>1498</u>	<u>Allison- Menefee</u>
<u>3508</u>	<u>3704</u>	<u>196</u>	<u>Point Lookout</u>
<u>3704</u>	<u>4620</u>	<u>916</u>	<u>Mancos</u>
<u>4620</u>	<u>---</u>	<u>---</u>	<u>Gallup</u>

