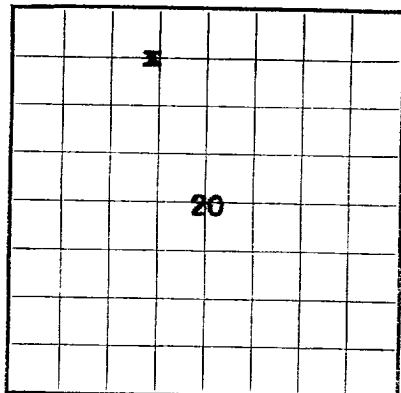


U. S. LAND OFFICE Santa Fe, New Mex.SERIAL NUMBER SF 078061LEASE OR PERMIT TO PROSPECT -

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 33 Richards Street., Salt Lake City, Utah
Lessor or Tract Federal Land Field Carson-Bisti State New Mexico
Well No. Unit 4 Sec. 20 T. 25N R. 11W Meridian NMPM County San Juan
Location 660 ft. N of N Line and 1850 ft. E of W Line of Section 20 Elevation 6114 A.B.
(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 B. W. ShepardDate November 15, 1956Title Exploitation Engineer

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

Commenced drilling September 10, 1956 Finished drilling September 19, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4869 to 4984 (gross) 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. 3, from _____

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—	
8 5/8"	32	8	-	228	Baker	-	-	-	Surface
5 1/2"	17	8	-	5009	Baker	-	-	-	Production
							4869	4888	
							4900	4901	
							4961	4968	
							4979	4984	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	228	100	Displacement	-	-
5 1/2"	5009	200	Displacement	-	-

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 5043 feet, and from _____ feet to _____ feet

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

DATES

November 15, 1956 Put to producing November 15, 1956The production for the first 24 hours was 657 barrels of fluid of which 97.2% was oil; _____% emulsion; _____% water; and 2.1% sediment. Gravity, 38.1 Approx. 36° 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

H. H. Owens, Driller J. Boggs, DrillerJ. E. McGee, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1210	1414	204	Pictured Cliffs
1414	1590	176	Lewis
1590	2035	445	Cliff House
2035	3684	1649	Allison Menefee
3684	3875	191	Point Lookout
3875	4772	897	Mancos
4772	-		Gallup

