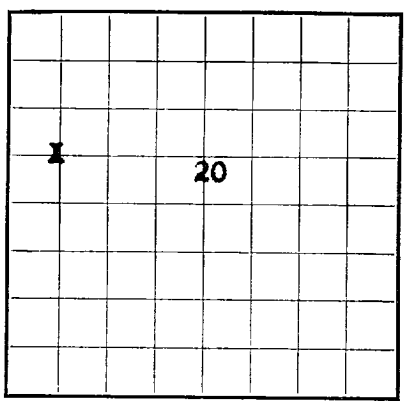
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa Fe, N. Mexico
SERIAL NUMBER SF 078061
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
FEB 27 1958
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 South Behrend, Farmington, N. Mexico
Lessor or Tract Federal - Carson Unit Field Bisti State New Mexico
Well No. 12-20 Sec. 20 T. 25N R. 11W Meridian NMPM County San Juan
Location 1980 ft. {N/S} of N Line and 660 ft. {E/W} of W Line of Sec. 20 Elevation 6458 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. SHEPARD

Date February 26, 1958 Title Exploitation Engineer

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

Commenced drilling June 13, 19 57 Finished drilling June 21, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4892 gross to 5005 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 From—	Perforated To—	Purpose
8-5/8"	24	8	--	200	Baker	--	--	--	Surface
4-1/2"	9	8	--	5060	"	--	4892	5005	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	210	130	Displacement	--	--
4-1/2"	5060	150	"	--	--

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 5065 feet, and from -- feet to -- feet
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet

DATES

February 26, 19 58 Put to producing February 21, 19 58

The production for the first 24 hours was 57 barrels of fluid of which 99.4% was oil; % emulsion; % water; and 0.6 % sediment. Gravity, ~~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

Brinkerhoff Drilling Company

C. Adams, Driller E. Babcock, Driller
J. Speaker, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1231	1443	212	PicturedCliffs
1443	1549	106	Lewis
1549	2068	519	Cliff House
2068	3718	1650	Allison - Menefee
3718	3889	171	Point Lookout
3889	4794	905	Mancos
4794	--	--	Gallup

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.