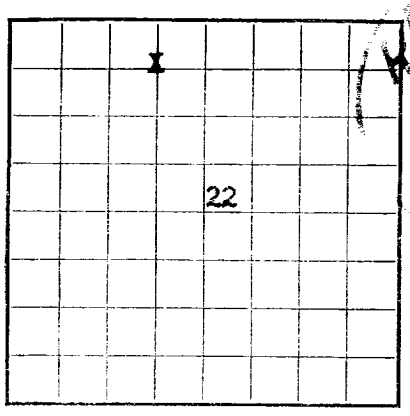
Form 9-330

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

U. S. LAND OFFICE Santa Fe, N. M.
SERIAL NUMBER NM-021530
LEASE OR PERMIT TO PROSPECT

RECEIVED APR 19 1961



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address Post Office Box 1200, Farmington, N. M.
Lessor or Tract Federal Field Bisti State New Mexico
Well No. Gov't. 21-22A Sec. 22 T. 25N R. 11W Meridian NMPM County San Juan
Location 660 ft. [N.] of N Line and 1980 ft. [E.] of W Line of Sec. 22 Elevation 6417 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 W. M. MARSHALL

Date March 23, 1961 Title Div. Exploitation Engineer

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

Commenced drilling September 13, 1957 Finished drilling September 20, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4873 gross to 4900 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	National	157	Baker	—	—	—	Surface
4-1/2	9.5	8	"	4928	Baker	—	4873	4900	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	166	100	Displacement		
4-1/2	4937	150	"		

FOLD MARK

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 4940 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Recompleted March 8, 1961 Put to producing March 8, 1961

The production for the first 24 hours was 11 barrels of fluid of which 55 % was oil; % emulsion; 45 % water; and % sediment. Gravity, °Bé. xxx 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

, Driller Brinkerhoff Drilling Co., Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1232	1420	188	Pictured Cliffs
1420	1602	182	Lewis
1620	2060	458	Cliff House
2060	3660	1600	Allison-Menefee
3660	3869	209	Point Lookout
3869	4770	901	Mancos
4770	—	—	Gallup

[OVER]

16—48094-4

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.