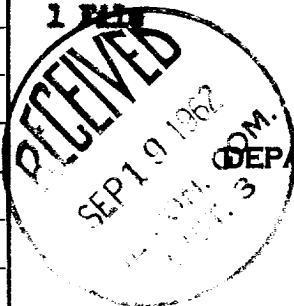
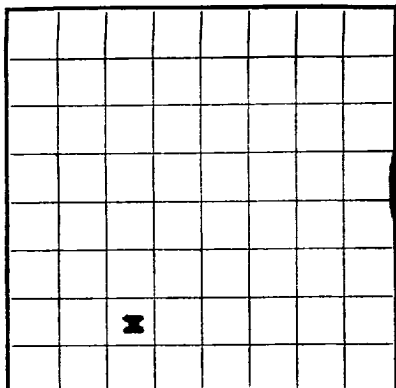


5 USGS
2 Western Development
1 ~~EAH~~

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER ST 078138
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 1 1962

U. S. GOVERNMENT PRINTING OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Western Development Co. Address 825 Petroleum Club Bldg.
Denver 2, Colorado

Lessor or Tract Elliott Federal Field Basin - Dakota State New Mexico

Well No. 1-22 Sec. 22 T. 30N R. 11W Meridian NPM County San Juan

Location 860 ft. [N.] of S. Line and 1620 ft. [E.] of W. Line of Section 22 Elevation 5836 G.L.

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 T. A. Dugan
Signed _____

Date September 17, 1962 Title Consulting Engineer

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

Commenced drilling August 3, 1962 Finished drilling August 27, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6705 to 6722 (G) No. 4, from _____ to _____
 No. 2, from 6732 to 6741 (G) No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	222	150	Pump Plug		
1 1/2"	6948	355	Pump Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 6945 feet, and from _____ feet to _____ feet

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

DATES

Test Date:	DATE:
September 12 _____, 19 62 _____	Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.	Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours ACF 4286 _____	Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 2073 _____	

EMPLOYEES

~~Brinkerhoff Drilling Co.~~ ~~Driller~~ ~~Contractor~~, Driller
~~Driller~~, Driller, Driller

FORMATION RECORD

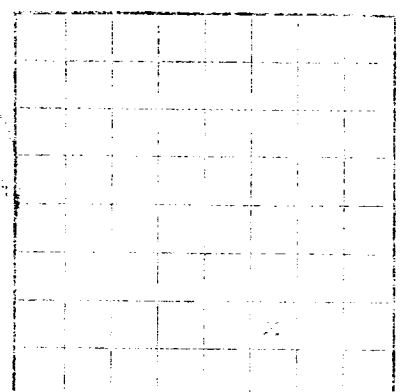
FROM—	TO—	TOTAL FEET	FORMATION
			<u>LOG TOPS</u>
			Pictured Cliffs 2232
			Lands 2290
			Cliffhouse 3905
			Manafee 3948
			Point Lookout 4452
			Manos 4805
			Gallup 5782
			Greenhorn 6528
			Graneros Sh 6585
			Graneros Sd 6640
			Dakota 6702

(OVER)

LOKATION RECORD—CONTINUED

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Location _____
The information given here is a summary of the work done on this well and all work done thereon.

The summary on this page is for the condition of the well as above stated.
Commenced drilling _____

OIL OR GAS SANDS ON ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____

CASING RECORD

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 attached, or left in the well, give its size and position. 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.

HISTORY OF OIL OR GAS WELL

FORMATION		TOTAL FEET	TO—	FROM—
MUDGING AND CEMENTING RECORD				
Amount of mud used	Method used	Number of cement	Water used	Remarks
PLUGS AND BRIDGES				
Depth set	Length	Material	Remarks	
SHOOTING RECORD				
Shot used	Depth	Remarks		
TOOLS USED				
Tool used	Depth	Remarks		
WATER				
Water found	Depth	Remarks		
SUMMARY				
Summary	Remarks			