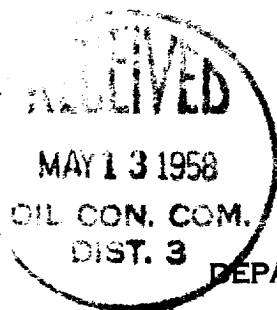
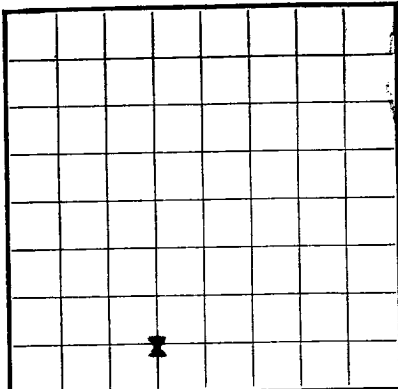


U. S. LAND OFFICE Santa FeSERIAL NUMBER 078079-A

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Kenneth Murchison Address P. O. Box 728
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 17 T. 25-N R. 13-E Meridian N.M.P.M. County San Juan
Location 660 ft. N of 8 Line and 1980 ft. E of W Line of Sec. 17 Elevation 6,335
(Elevation above 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 C. Benson Neal, Agent in Farmington

Date May 9, 1958

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

Commenced drilling April 23, 1958, 19 Finished drilling May 2, 1958, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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 None 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—	
10-3/4"	40.5	8.0	1-55	122'	None	Surface			Surface
HISTORIA OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	206'	150	Halliburton		Mostly water.
Plugged and abandoned. Used 250 sacks cement - with plugs at 5650-5450; 4650-4500; 1600-1450 and 1250-1100.					

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 5,881' feet, and from _____ feet to _____ feet

DATES

May 9, 1958, 19 _____ Put Plugged and abandoned _____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

San Juan Drilling Company, Driller _____, Driller _____
ing Contractor, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	650	650	Tan, Coarse-grained sandstone interbedded with thin shale beds.
650	1005	355	Hirtland formation: Variegated and gray sandstone interbedded with thin sandstone beds.
1005	1210	205	Hirtland formation: Gray, carbonaceous shale with scattered coal and sandstone beds.
1210	1347	137	Pictured Cliffs formation: Light gray, fine to medium, well rounded, soft, varicolored, salt and pepper sandstone.
1347	2108	761	Lewis formation: Gray shale with thin, fine grained sandstone beds.
2108	2500	392	Messabié formation, Cliffhouse member: Light to medium gray, very fine sandstone interbedded with gray shale.
2500	3638	1138	Messabié formation, Messabié member: Gray to black shale, interbedded with fine grained gray sandstone and occasional thin coal beds.

FORMATION RECORD—CONTINUED

FORMATION		TOTAL FEET		FORMATION	
130	3768	1838	5606	3768	3638
249	5855	26	5881	5855	5606
26	5881				5855
FORMATION RECORD					
Notes					
TOOL USED					
SHOOTING RECORD					
PLUGS AND ADAPTERS					
MUDGING AND CEMENTING RECORD					

HISTORY OF OIL OR GAS WELL

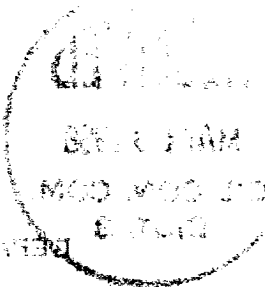
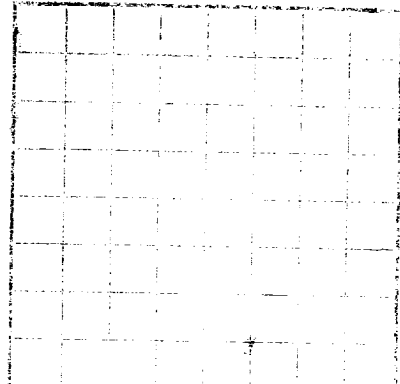
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its 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.

REPORT ON WATER SAMPLES

The summary on this page is for the location of the well at which the water sample was taken. The information given here is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.
1904-2