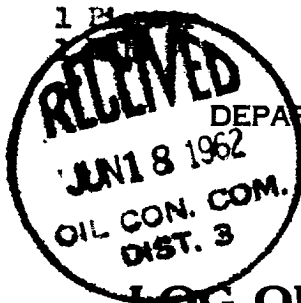


[illegible]

5 USGS
1 Redfern & Hord
1 Christian
1 ~~Bl...~~

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER MM 010063
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Bedford and Harb, Inc. Address Box 1747, Midland, Texas
 Lessor or Tract Lucerne Field Basin - Dakota State New Mexico
 Well No. A-1 Sec. 17 T. 28R. 11N Meridian NIPM County San Juan
 Location 990 ft. EXX S. of N. Line and 990 ft. E. of W. Line of Section 17 Elevation 5572 G.L.
(Corrick 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. Original signed by T. A. Dugan.

Signed _____

Date June 12, 1962 Title Consulting Engineer

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

Commenced drilling March 21,-----, 19 62 Finished drilling May 13,-----, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~6052~~ to ~~6057~~ (G) No. 4, from ~~6180~~ to ~~6190~~ (G)
No. 2, from ~~6076~~ to ~~6082~~ (G) No. 5, from _____ to _____
No. 3, from ~~6136~~ to ~~6151~~ (G) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	201	135	Pump Plug		
4-1/2"	6259	300	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 6250 feet, and from _____ feet to _____ feet

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

DATES

Test Date June 2, 1962 **DATES**
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 ~~AGF~~ 12,352 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----2100-----

EMPLOYEES

-----, Driller
T. A. Dugan -----, ~~Driller~~ **Engineer** -----, Driller
-----, Driller
Aspen Drig. Co. -----, ~~Driller~~ **Contractor** -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>LOG TOPS</u>
			Pictured Cliffs 1565
			Lewis 1710
			Cliffhouse 3110
			Manatee 3227
			Point Lookout 3987
			Pancos 4253
			Gallup 5167
			Greenhorn 5958
			Graneros Sh 6013
			Graneros Sd 6051
			Dakota 6127

