

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER **078095**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Kenneth Murchison Address 1105 Reserve Loan Life Bldg.
Lessor or Tract Horton Field Blanco State New Mexico
Well No. 1 Sec. 7 T31N R. 11W Meridian N.M.P.M. County San Juan
Location 790 ft. $\left\{ \begin{smallmatrix} N. \\ S. \end{smallmatrix} \right\}$ of S Line and 990 ft. $\left\{ \begin{smallmatrix} E. \\ W. \end{smallmatrix} \right\}$ of E Line of SE 1/4 of 7 Elevation 6263
(Overlaid floor relative to 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 E. J. C. [Signature]

Date July 23, 1952 Title Superintendent

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

Commenced drilling 3/20/52, 1952 Finished drilling 5/29/52

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2845	to 3427	Q	No. 4, from	to
No. 2, from 4400	to 4600	Q	No. 5, from	to
No. 3, from 5075	to 5385	Q	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
10 3/4	160	150	Pump & Plug	9.9	?
5 1/2	10145	275	" "	9.9	?

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
4"	53	OWS	1062	5/26/52	5440	5300

TOOLS USED

Rotary tools were used from 250 feet to 1915 feet, and from 1915 feet to 5140 feet

Cable tools were used from 0 feet to 250 feet, and from 250 feet to 5140 feet

230 DATES

June 5. _____, 1952 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. _____

Rock pressure, lbs. per sq. in. 1021

EMPLOYEES

-----, Driller -----, Driller
G. A. Higgins
 -----, Driller -----, Driller
P. W. Warrick

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	250	250	Surface
250	2815	2595	Line
2815	3030	185	Pictured Cliffs Sandstone
3030	4400	1370	Lewis Shale
4400	4600	200	Cliff House
4600	5075	475	Menefee
5075	5385	310	Point Lookout
5385	6362 5440	877 55	Mancos Shale

