



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

U.S. I. and O. **SF**

SERIAL NUMBER 079439

LEASE OR PERMIT TO PROSPECT

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
JUN 16 1958

A grid of squares, approximately 8 columns wide and 6 rows high. A large, bold black 'X' is drawn in the square located at the intersection of the second row from the top and the third column from the left.

LOG OF OIL OR GAS WELL.

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
 Lessor or Tract Horseshoe Canyon Field Horseshoe Gallup State New Mexico
 Well No. 3-B Sec. 4 T. 30N R. 16W Meridian NMPM County San Juan
 Location 1650 ft. ^{HN}_S of N Line and 4290 ft. ^{EW_W of E Line of Section 4 Elevation 5314}

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: JOSEPH E. KREGER

Date December 12, 1958 Title Petroleum Engineer

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

Commenced drilling November 10, 1958 Finished drilling November 12 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

(Denote gas by G)

No. 1, from 1081 to 1137	No. 4, from _____ to _____
No. 2, from 1174 to 1214	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 casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	32.00#	8 Rd.	J-55	96	Baker				Surf. Csg.
5-1/2"	15.50#	8 Rd.	J-55	266	Baker				Prod. Csg.

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8-5/8"	104	100	Circulated		
	5-1/2"	1275	100	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material	Size
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See "Well History"				

TOOLS USED

Rotary tools were used from 0 feet to 1377' feet, and from _____ feet to _____ feet

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

DATES

November 19	19 58	Put to producing	December 7	19 58
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The production for the first 24 hours was 113 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity °Bé 0 at 60° F.

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

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	856	856	Mancos Form. Gy. carb. shale.
856	1224	368	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss w/irreg. interbedded shale.
1224	1277	53	Sanastee Form. Dk. gy. calc. v/fn. to fn. gy. ss w/calc. veins, w/irreg. inbd. dk. gy. sd.

TOPS ARE FROM ELECTRIC LOGS AND
RADIOACTIVITY LOGS.

