

A grid with a circled 'X' and a circular stamp. The stamp contains the text 'RE', 'SE', and 'OIL' in a circular arrangement.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico
Well No. 21 Sec. 34 T. 31N R. 16W Meridian NMPM County San Juan
Location 1980 ft. NE of N Line and 1980 ft. NE of E Line of Section 34 Elevation 5459'
(Derrick 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.

Date **September 18, 1959** Signed **ORIGINAL SIGNED BY: WILLIAM W. GALT**
Title **Petroleum Engineer**

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

Commenced drilling August 8, 1959 Finished drilling August 12, 1959

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

No. 1, from 1355° to 1390° 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 _____ 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"	121	125	Circulated		
5-1/2"	1525	100	Single Stage		

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
			See Remarks			

TOOLS USED

Rotary tools were used from 0 feet to 1527 feet, and from _____ feet to _____ feet

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

DATES

----- **August 25** -----, 19 **59** ----- Put to producing ----- **September 12** -----, 19 **59** -----

The production for the first 24 hours was ~~90.00~~ barrels of fluid of which ~~100~~% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. ~~40.8~~ ⁶ ~~API~~ -----

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
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1135	1135	Mancos Form. Gy. carb. shale.
1135	1504	364	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.
1504	1527	23	Sanastee Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. lmbd. dk. gy.sd.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			
FROM—	TO—	TOTAL FEET	FORMATION

TOPS ARE FROM ELECTRIC LOGS
AND RADIOACTIVITY LOGS.

[illegible]

12. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

U.S. AIR FORCE

SECRETARY

----- List of Persons to be

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

RECEIVED
JUL 25 1952
OIL CO. INC.
DIST. E

[illegible]

ORIGINAL SIGNED BY: WILLIAM K. BLAIR
The information given herewith is a complete and correct record of the well and all work done thereon.
Signed _____

THE OF GAS SANDS OF ZONES

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No. 1 from	to	No. 4 from	to
No. 2 from	to	No. 5 from	to
No. 3 from	to	No. 6 from	to

SOB parts - 1355 - 1390 with 52,000 gals. oil and 60,000 * (20-40) sand.
Plumbed with 1470 gals. oil. IR. 70.0 lbs/ min. KTF - 250 psi.
BOP - 1500 psi.; ATP - 825 psi. Injected 35 rubber balls halfway thru treatment, 50 psi. intervals.
IMPORTANT WATER SANDS

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]