



LOCATE WELL CORRECTLY



U. S. LAND OFFICE **SF**  
SERIAL NUMBER **081226**  
LEASE OR PERMIT TO PROSPECT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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. 9 Sec. 3 T. 30N R. 16W Meridian NMPM County San Juan  
Location 2310 ft. N. of N Line and 1640 ft. E. of W Line of Section 3 Elevation 5567'  
(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.  
Signed **ORIGINAL SIGNED BY: JOSEPH E. KREGER**

Date June 20, 1958 Title Petroleum Engineer

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

Commenced drilling April 22, 1958 Finished drilling April 26, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1400 to 1443 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1518 to 1542 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24.00	8 Rd.	J-55	118	Halliburton				Surface Csg.
5-1/2"	15.50	8 Rd.	J-55	1601	Halliburton		1400	1542	Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	126	125	Circulated		
5-1/2"	1607	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 "Well History"			

TOOLS USED

Rotary tools were used from 0 feet to 1607 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

May 19, 1958 Put to producing June 12, 1958

The production for the first 24 hours was 100 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. 0  
XX API 40.4

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	1177	1177	Mancos Form. Gy. carb. shale.
1177	1369	192	Upper Gallup Form. Shale, gy.-blk., calc. w/aragonite inclusion.
1369	1544	175	Lower Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. gr. ss. w/irreg. interbedded shale.
1544	1607	63	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.