

U. S. LAND OFFICE Navajo-Ute
SERIAL NUMBER 14-20-604-1951
LEASE OR PERMIT TO PROSPECT _____

RECEIVED
SEP 20 1959
OIL CON. COM.
DIST. DEPT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 20 Sec. 34 T. 31N R. 16W Meridian NMPM County San Juan
 Location 2080 ft. N. of S Line and 2030 ft. NE of E Line of Section 34 Elevation 5421'
 (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 K. GLAZIER
Title Petroleum Engineer

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

Commenced drilling August 3, 1959 Finished drilling August 7, 1959

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

No. 1, from 1293' to 1335' 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/16	12.00	14	IS	15	IS	IS	IS	IS	IS
5-1/2	13.50	14	IS	15	IS	IS	IS	IS	IS
HISTORY OF OIL OK CV2 METT									
19-10087-5 0 0 COAST GUARD MARITIME OFFICE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	122	125	Circulated		
8-1/2"	1481	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 1434 feet, and from _____ feet to _____ feet

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

DATES

-----**August 27**-----, 19**59**----- Put to producing -----**September 15**-----, 19**59**-----

The production for the first 24 hours was 82.50 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 70.2

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. ----- API

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1080	1080	Mancos Form. Gy. carb. sh.
1080	1441	361	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.
1441	1484	43	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.
LOGS—	LOG—	LOGS—	POSITION

U.S. LAND OFFICE
RECORD NUMBER
PLEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OIL CON. COM.
DIST. DEPT.
SEP 2 1955

A blank sheet of graph paper with a grid pattern. The grid consists of horizontal and vertical lines forming squares. There are approximately 20 columns and 15 rows visible. A dark, irregular shape is present along the left edge, possibly representing a binding or a tear in the paper.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed _____
 Title _____
 Witnessed by _____
 Attest: _____
 Date _____

Location _____ ft. N. of _____ Line and _____ ft. W. of _____ Line of _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian
 Lesson or Tract _____
 County _____ State _____
 Address _____
 Company _____

Commenced drilling _____ 1917 _____ Finished drilling _____ 1917 _____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(Date and page)

8-27-59
No. 3 from _____ to _____
No. 4 from _____ to _____
SOF parts - 1298-1335 with 52,700 gals oil and 60,000+ (20-40) sand.
Flush with 1470 gals oil. 18: 59.0 mls/min. MTP--1050 psi;
HCF--1900 psi; ATP--1000 psi. Injected 37 rubber balls halfway thru treatment, 50 psi increase.
No. 8 from _____ to _____
No. 2 from _____ to _____
No. 1 from _____ to _____

EXHIBIT B FACTURE

Location	Date	Weight	Through hole	Stroke	Amount	Kind of paper	Out and pulled from	From -	To -	I make
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pumps or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.										

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued