

U. S. LAND OFFICE **SF**
SERIAL NUMBER **080212**
LEASE OR PERMITTED PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1560, Farmington, New Mexico
Lessor or Tract Malce Copple Field Verde Gallup State New Mexico
Well No. 4 Sec. 6 T. 30N R. 15W Meridian NMPM County San Juan
Location 790 ft. [N. 1/4] of S. Line and 760 ft. [E. 1/4] of W Line of Section 6 Elevation 5420

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

records. Signed **ORIGINAL SIGNED BY: JOSEPH E. KREGER**

Date June 17, 1960 Title Petroleum Engineer

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

Commenced drilling April 28, 1960 Finished drilling May 24, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2117 to 2340 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 2-22-23 to 2-23-24 No. 3, from 2-24-25 to 2-25-26
No. 2, from 2-25-26 to 2-26-27 No. 4, from 2-26-27 to 2-27-28

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-1/2	25.00	12	1-1/2	114	1-1/2	114	2117	2540	Method Liner
5-1/2	17.00	12	1-1/2	114	1-1/2	114	2117	2540	Method Liner
4-1/2	17.00	12	1-1/2	114	1-1/2	114	2117	2540	Method Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	126'	125	Circulated		
5-1/2"	2160'	150--1st stage; 50-- 2nd stage.	Two-Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material ~~Two-stage collar~~ #1045 Size 5-1/2"

SHOOTING RECORD

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

TOOLS USED

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

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

DATES

Put to producing ----- June 5 -----, 1960

The production for the first 24 hours was ~~86.00~~ barrels of fluid of which ~~100~~% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	597	597	Mesa Verde Form. Gy., FG, ds. silty ss., carb. shale and coal.
597	961	364	Point Lookout Form. Gy., v/fn. silty ss. w/freq. shale breaks.
961	1908	947	Mancos Form. Gy. carb. shale.
1908	2180	272	Upper Gallup Form. Shale, gy.-blk., calc. w/aragonite inclusion.
2180	2340	260	Lower Gallup Form. Lt. gy. to bra. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. lmbd. shale.
			TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.
FROM—	TO—	TOTAL FEET	FORMATION

TOPS ARE FROM ELECTRIC LOGS
AND RADIOACTIVITY LOGS.