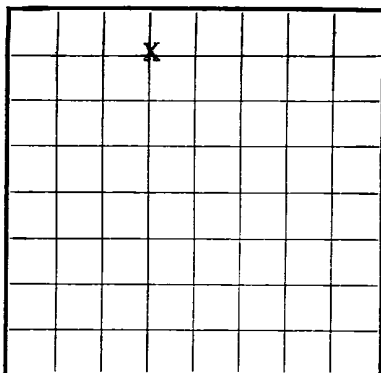


U. S. LAND OFFICE **SF**
SERIAL NUMBER **078391-B**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Products Co.** Address **Box 1565, Farmington, New Mexico**
Lessor or Tract **Hanson** Field **Undesignated** State **New Mexico**
Well No. **2** Sec. **36** T. **27N** R. **13W** Meridian **NMPM** County **San Juan**
Location **600** ft. **S.** of **N** Line and **1980** ft. **E.** of **W** Line of **Section 36** Elevation **5983'**
(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 **March 26, 1958** Title **Petroleum Engineer**

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

Commenced drilling **2-13**, 19**58** Finished drilling **2-26**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5036** to **5066** No. 4, from _____ to _____
No. 2, from **5077** to **5104** 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—	
10-3/4"	32.75	P. E.	S. W.	161'	Baker				Surface Csg.
5-1/2"	15.50	P. E.	S. W.	5182'	Baker		5036	5104	Prod. Csg.
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	173'	125	Circulated		
5-1/2"	5194'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material **Baker EOJ Prod. Packer** Size **2-3/8" x 5-1/2"** set at **4948'**

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 **5195** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

3-16, 19**58** Put to producing **3-21**, 19**58**

The production for the first 24 hours was **121** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, **86** ~~API~~ **41.7**⁰

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

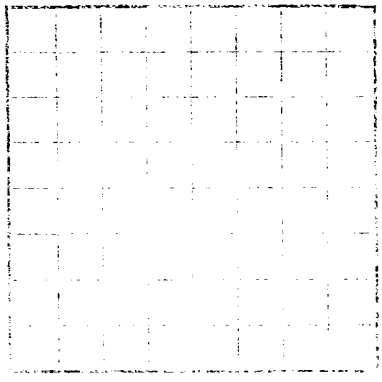
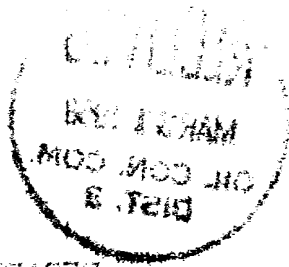
FROM—	TO—	TOTAL FEET	FORMATION
0	167	167	Ojo Alamo ss. White, coarse grained sand.
167	950	783	Kirtland form. Gy. sh. intd. with tight gy. FG ss.
950	1242	292	Fruitland form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1242	1353	111	Pictured Cliffs form. Gy., FG, tight, varicolored soft ss.
1353	2097	744	Lewis form. Gy. to white ds. sh. w/silty to shaley ss. breaks.
2097	3786	1689	Mesa Verde form. Gy., FG, ds. silty ss., carb. shale and coal.
3786	4013	227	Point Lookout form. Gy., w/very fn. silty ss. w/frequent shale breaks.
4013	4851	838	Mancos form. Gy. carb. shale.
4851	5195	344	Gallup form. Lt. gy. to brn. calc. carb. mica-ceous glauconitic. Very fn. gr. ss. w/irreg. interbedded shale.
TCPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			

(OVER)

10-43094-4

FORMATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Name _____
Location of Well _____
State _____
County _____
Section _____
Twp _____
Range _____
The information given in this log 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 _____

Drilled by _____
Cased by _____
The information on this page is for the purpose of the well only.

Oil or Gas Shows on Zones _____
(Indicate zone)

8-15-38
Samson Fractured Lower Gallup perf. Interval 5030-5066; 6077-5104' with
40,320 gal. oil, 40,000# (20-40) sand, flush 5,104 gal. oil, IR - 49.0 bbl./min.,
MTP 2450 psi., BDP 2175 psi., ATP 2375 psi. Dropped 30 rubber balls
halfway through treatment.

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, position, and number of shots. If plugs 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									
10-43094-2 U. S. GOVERNMENT PRINTING OFFICE									
MUDGING AND CEMENTING RECORD									
PLUGS AND BRIDGES									
SHOOTING RECORD									
TOOLS USED									
DATES									
EMPLOYEES									
FORMATION RECORD									
FORMATION									
TOTAL FEET									
FROM -									
TO -									