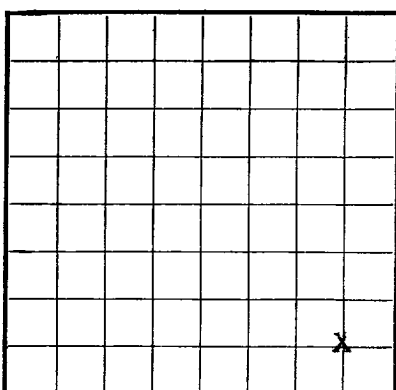
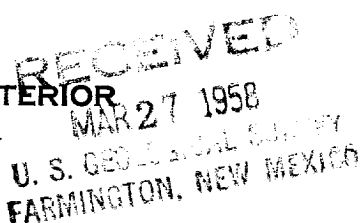




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE SF
SERIAL NUMBER 078899
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Western Field Undesignated State New Mexico
Well No. 3-A Sec. 8 T. 26 N. R. 11 W. Meridian NMPM County San Juan
Location 660 ft. N. of S Line and 660 ft. E. of E Line of Section 8 Elevation 6239'
(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 25, 1958 Title Petroleum Engineer

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

Commenced drilling 1-29, 1958 Finished drilling 2-11, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5356' to 5386' 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—	
10-3/4"	32.75	P.E.	S.W.	161'	Baker				Surface Csg.
5-1/2"	18.50	P.E.	S.W.	5420'	Baker		5356'	5386'	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'	150	Circulated		
5-1/2"	5420'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material Baker EOJ Packer Size 2-3/8" x 5-1/2" set at 5252'

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 5424 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

2-19, 1958 Put to producing 3-16, 1958

The production for the first 24 hours was 67 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, xxx 40.3° API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

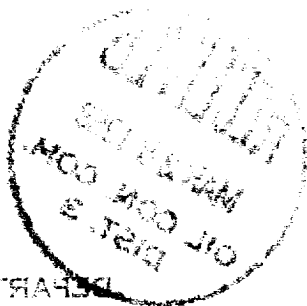
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	480	480	Interbedded sands tone and shale.
480	641	161	Ojo Alamo ss. White, coarse grained sand.
641	1325	684	Kirtland form. Gy. sh. inbd. with tight gy. FG ss.
1325	1546	221	Fruitland form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1546	1652	106	Pictured Cliffs form. Gy., FG, tight, varicolored soft ss.
1652	2420	768	Lewis form. Gy. to white ds. sh. w/silty to shaley ss. breaks.
2420	4050	1630	Mesa Verde form. Gy., FG, ds. silty ss., carb. shale and coal.
4050	4265	215	Point Lookout form. Gy., v/fn. silty ss. w/frequent shale breaks.
4265	5111	846	Mancos form. Gy. carb. shale.
5111	5424	313	Galup form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. gr. ss. w/irreg. interbedded shale.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			



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U.S. BANK GROUP
BANK OF AMERICA
FARMERS TRUST CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WITH CONFIDENCE

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin lines. There are also thicker lines forming a larger grid, dividing the page into four quadrants. The paper has a slightly aged or off-white appearance.

The information given herein is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

ORIGINAL SIGNED BY JESSE E. KROGER

Location: Sec. 18, T. 10 N., R. 16 W.,
of Range 16 and Township 10,
Hill County, Texas.

Owner or Title:

Address:

The summary on this page is for the condition of the well as shown above.

Oil or Gas Sands or Zones
(Deny, see p. 6)

... ..	mod 1.67%		mod 1.41%
... ..	mod 1.83%		mod 1.91%
... ..	mod 1.01%		mod 1.07%

...ON THE REPAIR THATSOME

[illegible]

San don fractured interval 5356'-5386' with 40.320 gal./oil, 40.000# sand/flush gal./oil, IR to 45 dbl./min., WTP 3250 psi, BDP 2350 psi., ATP 2900 psi. dropped 30 rubber balls halfway through treatment.

2-10-58

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 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

U. S. GOVERNMENT PRINTING OFFICE

[illegible]