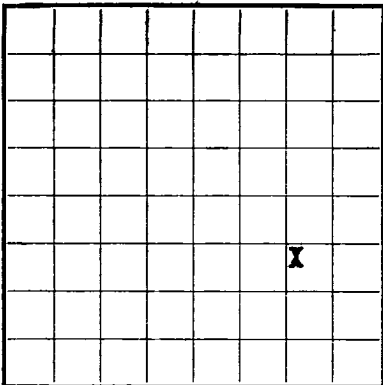




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Prod. Co. Address Box 997, Farmington, New Mexico
Lessor or Tract Frontier Field Wildcat State New Mexico
Well No. 2 Sec. 8 T. 26 N R. 12 W Meridian N.M.P.M. County San Juan
Location 1750 ft. N. of S Line and 790 ft. E. of E Line of Sec. 8 Elevation 5999'
(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 26, 1957 Signed William K. Hagen Title Petroleum Engineer

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

Commenced drilling 8-8-57, 19____ Finished drilling 8-18, 1957

OIL OR GAS SANDS OR ZONES

No. 1, from 1137' to 1458' (G) (Denote gas by G) 4760' to 5110' (G)
No. 2, from 2025' to 3708' (G)
No. 3, from 3708' to 3922' (G)
No. 4, from _____ to _____
No. 5, 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	PE	SW	161'	Howe				Surface
7 5/8"	26.40	8 RD.	J-55	3930'	Baker				Int. Csg.
5 1/2"	25.50	8 RD.	J-55	1299'	Baker				Prod. Liner
2"	4.70	8 RD.	J-55	4998'					Prod. Tbg.

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		
7 5/8"	3940'	250	Single Stage		
5 1/2"	5103'	300	" "		

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				

Gas Drilled

Rotary tools were used from 0 feet to 3940 feet, and from 3940 feet to 5110 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

8-23, 1957 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. A.O.F. = 1044 MCF/D

If gas well, cu. ft. per 24 hours 1,031,000 Gallons gasoline per 1,000 cu. ft. of gas _____

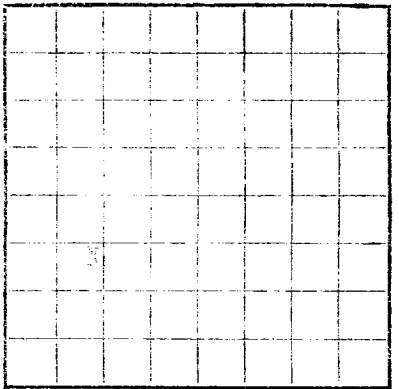
Rock pressure, lbs. per sq. in. 1298

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	917	917	Sand & Shale
917	1137	220	Fruitland—Gry carb sh, scattered coals, coals & gry, tight, fine grn ss.
1137	1458	321	Pictured Cliffs—Gry, fine-grn tight, vari-colored soft ss.
1458	2025	567	Lewis—Gry to white dense sh w/silty to shaly ss breaks.
2025	3708	1683	Mesa Verde—Gry, fine-grn, dense sil ss., carb sh & coal.
3708	3922	214	Point Lookout—Gry, very fine sil ss w/frequent sh breaks.
3922	4760	838	Mancos—Gry carb sh.
4760	5110	350	Gallup—Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company: El Paso Natural Gas Co.
Lessor or Trust: El Paso Natural Gas Co.
Well No.: 1137
Location: Sec. 8, T. 26 N., R. 12 E.,
of line and line of
Elevation: 5550
Address: Box 107, Amarillo, New Mexico
State: New Mexico
County: Concho
Date: September 20, 1937
Signed: W. H. ...
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.

The summary on this page is for the condition of the well at above date.
Commenced drilling: August 21, 1937
Finished drilling: September 19, 1937
Oil or Gas Bands or Zones:
No. 1 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 2 from 8-21-37 Rate w/67,600 gal water, 70,000# sand. Flush w/10,500 gal water.
No. 3 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 4 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 5 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 6 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 7 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 8 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 9 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#
No. 10 from 70 Bbl. Min. Avg. Injection Rate, Pressure 1500#, BDP 3500#

CASING RECORD

Section	From	To	Amount	Kind of steel	Cut and pulled down	Purposes
1	0	10	10	10	10	10
2	10	20	20	20	20	20
3	20	30	30	30	30	30
4	30	40	40	40	40	40
5	40	50	50	50	50	50
6	50	60	60	60	60	60
7	60	70	70	70	70	70
8	70	80	80	80	80	80
9	80	90	90	90	90	90
10	90	100	100	100	100	100

It is of the greatest importance to have a complete history of the well. Please state in detail the dates, the reasons for the work and its results. If there were any changes made in the casing, state fully, and any casing was added or pulled out, give date, size, section, and number of joints. If the well has been dynamited, give date, size, section, and number of joints. If the well was put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD		SHOOTING RECORD		TOOLS USED		DATES		EMPLOYEES		FORMATION RECORD	
From	To	From	To	From	To	From	To	From	To	From	To
0	10	0	10	0	10	0	10	0	10	0	10
10	20	10	20	10	20	10	20	10	20	10	20
20	30	20	30	20	30	20	30	20	30	20	30
30	40	30	40	30	40	30	40	30	40	30	40
40	50	40	50	40	50	40	50	40	50	40	50
50	60	50	60	50	60	50	60	50	60	50	60
60	70	60	70	60	70	60	70	60	70	60	70
70	80	70	80	70	80	70	80	70	80	70	80
80	90	80	90	80	90	80	90	80	90	80	90
90	100	90	100	90	100	90	100	90	100	90	100