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OIL CON. COM. RE
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field So. Blanco P. C. State New Mexico
Well No. 13-E Sec. 18 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1597 ft. ^(N)_(S) of N Line and 1602 ft. ^(E)_(W) of E Line of Section 18 Elevation 7250
Deposit box contains

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 D. W. Meehan

Date August 27, 1959 Title Petroleum Engineer

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

Commenced drilling ----- 4-22 -----, 19 59 Finished drilling ----- 4-27 ----- 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3500 to 3605 (G) 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—	
5 1/8	32	10-54	J-55	330	Black	1000	1000	1000	Surface
5 1/2	42-5	8-54	J-55	450	Black	1000	1000	1000	Red. tag.
11 1/4	2-4	10-54	Grade "A"	3505					Stitch

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	140	84	Circulated		
5 1/2	366	89	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size.....

SHOOTING RECORD

[illegible]

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

-----7-3-----, 19-59

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity. °Ré.

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

Rock pressure, lbs. per sq. in. _____

906 A.O.F. = 6452 MCF/D
EMPLOYEES

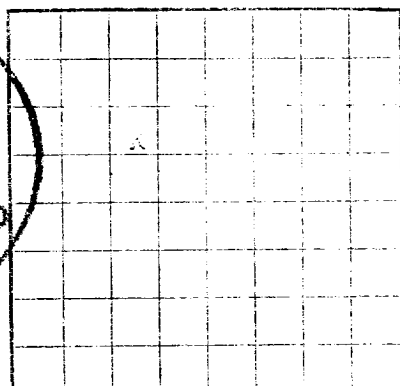
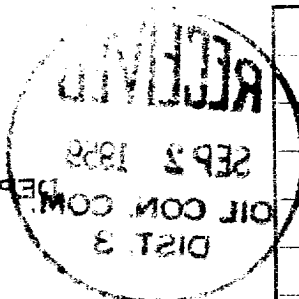
_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2975	2975	Tan to gry cr-grn ss interbedded w/gry sh.
2975	3167	192	Ojo Alamo ss. White cr-grn s.
3167	3402	235	Kirtland form. Gry sh interbedded w/tight gry fine grn ss.
3402	3500	98	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3500	3605	105	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3605	3667	62	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

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LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Name _____
Address _____
City _____ State _____
Lesson or Trade _____
Field _____
County _____
Village _____
Location _____ of _____
The information given is correct and correct record of the well and all work done thereon
Signature _____
Date _____

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

OIL OR GAS SANDS OR ZONES

(G) ϕ is a closed formula

6-30-55 Total depth 3667'. C.O.W.D. 3641'. Water fractured fractured clastic part.
Int. 3552-601 3570-62; 3590-3602 (2 in./ft.) w/ 1,580 gallons water
& 35,000' sand. 30 in. 3000' IMPROVEMENT WATER SANDS tr. pr. 900-1050-1150-2600#.
I.R. 31 MIN. Flush 3000 gal. 2% calciumchloride in frac. water. 200
gal. MCA spreader frac. dropped 3800 gal. 20 balls each. to

RECORD NUMBER

Year	Month	Day	Time	Location	Remarks
1907	March	10	10:00	At 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 the case 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

NUDDING AND CEMENTING RECORD

Year	Number of students	Number of teachers	Number of classes	Number of hours	Number of days
1960	100	10	10	100	10
1961	100	10	10	100	10
1962	100	10	10	100	10
1963	100	10	10	100	10
1964	100	10	10	100	10
1965	100	10	10	100	10
1966	100	10	10	100	10
1967	100	10	10	100	10
1968	100	10	10	100	10
1969	100	10	10	100	10
1970	100	10	10	100	10
1971	100	10	10	100	10
1972	100	10	10	100	10
1973	100	10	10	100	10
1974	100	10	10	100	10
1975	100	10	10	100	10
1976	100	10	10	100	10
1977	100	10	10	100	10
1978	100	10	10	100	10
1979	100	10	10	100	10
1980	100	10	10	100	10
1981	100	10	10	100	10
1982	100	10	10	100	10
1983	100	10	10	100	10
1984	100	10	10	100	10
1985	100	10	10	100	10
1986	100	10	10	100	10
1987	100	10	10	100	10
1988	100	10	10	100	10
1989	100	10	10	100	10
1990	100	10	10	100	10
1991	100	10	10	100	10
1992	100	10	10	100	10
1993	100	10	10	100	10
1994	100	10	10	100	10
1995	100	10	10	100	10
1996	100	10	10	100	10
1997	100	10	10	100	10
1998	100	10	10	100	10
1999	100	10	10	100	10
2000	100	10	10	100	10
2001	100	10	10	100	10
2002	100	10	10	100	10
2003	100	10	10	100	10
2004	100	10	10	100	10
2005	100	10	10	100	10
2006	100	10	10	100	10
2007	100	10	10	100	10
2008	100	10	10	100	10
2009	100	10	10	100	10
2010	100	10	10	100	10
2011	100	10	10	100	10
2012	100	10	10	100	10
2013	100	10	10	100	10
2014	100	10	10	100	10
2015	100	10	10	100	10
2016	100	10	10	100	10
2017	100	10	10	100	10
2018	100	10	10	100	10
2019	100	10	10	100	10
2020	100	10	10	100	10
2021	100	10	10	100	10
2022	100	10	10	100	10
2023	100	10	10	100	10
2024	100	10	10	100	10
2025	100	10	10	100	10
2026	100	10	10	100	10
2027	100	10	10	100	10
2028	100	10	10	100	10

6-7-1948, CMA, 10329

For A-10	Signal	Information	and	...
...	...	...	...	...

GROUP ONE CASE

[illegible]

FOOTNOTES USED

at feet	feet and from	feet to	feet from
at feet	feet and from	feet to	feet from

ETA

[illegible]

Flow pressure, lbs. per sq. in.	
Flow well, cu. ft. per 24 hours	
Gallons gasoline per 1,000 cu. ft. of gas	

EMPLOYEES

Driller		
Driller		

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued