

A 10x10 grid with an 'X' in the 8th column and 3rd row from the bottom.

DEC 1 1959
OIL CON COM
DIST 3 DE

UNITED STATES

GEOLOGICAL SURVEY

GEOLOGICAL SURVEY

U. S. LAND OFFICE New Mexico

SERIAL NUMBER 02861

LEASE OR ~~PERMIT~~ TO PROSPECT

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL.

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Lodewick Field Wildcat Dakota State New Mexico
 Well No. 8 Sec. 19 T. 27N R. 9W Meridian N.M.P.M. County San Juan
 Location 890 ft. ^[N.]_[S.] of 8 Line and 1025 ft. ^[E.]_[W.] of 8 Line of Section 19 Elevation 6517
 The information given herewith is a complete and correct description of the well.
 (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 _____

Date November 24, 1959 Title Petroleum Engineer

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

Commenced drilling ----- 8-9 -----, 1959 Finished drilling ----- 9-5 -----, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathcal{G}$)

(Denote gas by G)

No. 1, from	2289	to	2336 (G)	No. 4, from	6785	to	6980 (G)
No. 2, from	3061	to	4730 (G)	No. 5, from		to	
No. 3, from	5807	to	6400 (G)	No. 6, from		to	

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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 1/4	12.75	8 Rd.	J-55	322	Black				Black
5 1/8	14	8 Rd.	J-55	914	Black				Black
5 1/2	15.50	8 Rd.	J-55	658	Black				Black
2"	4.7	8 Rd.	J-55	7011					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	333	205	Circulated		
5 1/2	7072	410	Two Stages		

PLUGS AND ADAPTERS

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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				

TOOLS USED

TOOLS USED

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

Cable tools were used from 0 feet to 7074 feet, and from _____ feet to _____ feet

DATES

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

If gas well, cu. ft. per 24 hours _____

Rock pressure lbs. per sq. in. **2,615,000**

Gravity, Be. _____

Gallons gasoline per 1,000 cu. ft. of gas _____

1,940 EMPLOYEES A.O.F. 2978 MCF/D

EMPLOYEES: 290 MS/D

_____	Driller	_____	Driller
_____	Driller	_____	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1425	1425	Tan to gry cr-grn ss interbedded w/gry sh.
1425	1520	95	Ojo Alamo ss. White cr-grn s.
1520	2070	550	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2070	2288	218	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2288	2336	48	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2336	3861	1525	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3861	3970	109	Cliff House ss. Gry, fine-grn, dense sil ss.
3970	4627	657	Manossee form. Gry, fine-grn s, carb sh & coal.
4627	4730	103	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4730	5807	1077	Mancos formation. Gry carb sh.
5807	6278	471	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.
6278	6615	337	Sanassee form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry ss.
6615	6666	51	Greenhorn form. Highly calc gry sh w/thin linst.
6666	6785	119	Graneros form. Dk gry shale, fossil & carb w/white incl.
6785	6980	195	Dakota form. Lt to dk gry fossil carb sl calc sl silty ss w/white incl thin sh bands
6980	7074	94	Morrison form. Interbed grn brn and red

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Morrison form. Interbed grn brn and red

