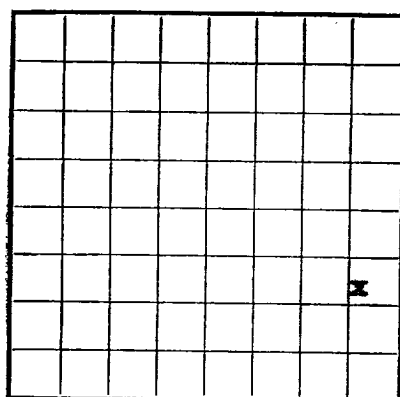


U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER LC 060945

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address P. O. Box 1384; Jal., New Mexico
Lessor or Tract Carlson Federal Field Jalnet State New Mexico
Well No. 3 Sec. 23 T. 25S R. 37E Meridian NMPM County Lea
Location 1980 ft. ^(N.) of S Line and 660 ft. ^(E.) of E Line of Section 23 Elevation 3086

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 December 9, 1955

Title--Division Geologist

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

Commenced drilling September 23, 1955 Finished drilling October 29, 1955

OIL OR GAS SANDS OR ZONES

No. 1, from 2226 to 2238 (G) - No. 4, from 2801 to 2813 (G)
 No. 2, from 2712 to 2825 (G) - No. 5, from _____ to _____
 No. 3, from 2932 to 3228 (G) - 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—	
9-5/8	36#		J-55	878	Halliburton Guide				"Shut off"
7"	23#		J-55	3857.6			2740	2762	"Shut off"
							2778	2802	"Shut off"
							2818	2842	"Shut off"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	878	500 (circ. 250 sq)	Halliburton Plug		
7	3257.6	300 - 1st stage, 1000 2nd stage, max 500 sq	Two Stage Stage tool @ 2670'		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
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SHOOTING RECORD

Site	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 4279 feet, and from _____ feet to _____ feet.

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

DATES

Put to producing _____ 19 _____

If gas well, cu. ft. per 24 hours 110 MCFPD Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1375**

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	846	846	Chinle and Dewey Lake - red beds
846	1032	186	Rustler - anhydrite, dolomite
1032	2122	1090	Salado - silt, traces of anhydrite, red beds, and polyhalite
2122	2295	173	Tansill - anhydrite, brown dolomite
2295	2537	242	Yates - fine gray sandstone, anhydrite, dolomite
2537	2932	395	Seven Rivers - dolomite, anhydrite, numerous sandstone stringers in basal 220'
2932	3082	150	Queen - fine gray sandstone, dolomite stringers
3082	3225	143	Penrose - fine gray sandstone, dolomite stringers
3225	4279	1054	dolomite (Grayburg and San Andres)

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A 10x10 grid of squares. A small 'X' mark is located in the 4th row, 1st column.

LOCATE WELL CORRECTLY

No. 1
Final pressure 750#, Int. rate 47 dips/Min.
Gels dried oil, 1# sand/Sat., formation broke @ 1500#, treated 1500 - 1600#
Flow through pores: 2815-2815 - 2802, 2815 - 28 with 10,000
to
No. 2 from

OIL OR GAS SANDS OR ZONES

Case No.	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From To	Purpose
207			1-25	475	1 1/2 inch, 100 lbs.			Test of pump.
208			1-25	475	1 1/2 inch, 100 lbs.			Test of pump.

HISTORY OF OIL OR GAS WELL

[illegible]

PLUGS AND ADAPTERS

Heaving plug--Material	Length	Depth set
Abutment--Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

test	of test	test and from	test to	test and from
test	of test	test and from	test to	test and from

DATE

It gas well, cu. ft. per 24 hours	100,000
Gas well, cu. ft. per 24 hours	100,000
Production for the first 24 hours was	
.....% water; and	% sediment.
The production for the first 24 hours was	
.....% water; and	% sediment.
Put to producing	19
Barrels of fluid of which%	was oil: 26
Gravity, °Bé.	
Gallons gasoline per 1,000 cu. ft. of gas	

EMPLOYEES

Driller	Driller		
Driller	Driller		

FORMATION RECORD

[illegible]