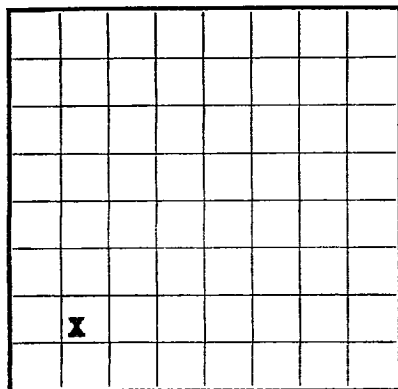
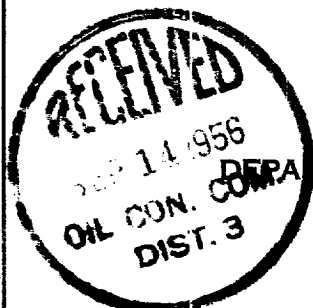




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078389-A
LEASE OR PERMIT TO PROSPECT 14-08-001-569
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 45 Sec. 12 T. 31N R. 10W Meridian NMPM County San Juan
Location 1068 ft. N. of 8 Line and 968 ft. E. of W Line of Section 12 Elevation 6308
(Derive 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 July 6, 1956 Title Petroleum Engineer

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

Commenced drilling May 19, 1956 Finished drilling May 31, 1956

OIL OR GAS SANDS OR ZONES

No. 1, from 3188 to 3210 (G) No. 4, from 5370 to 5487 (G)
No. 2, from 4933 to 5004 (G) No. 5, from _____ to _____
No. 3, from 5004 to 5370 (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	From	To	Purpose
10 3/4"	32.75	8-RF	S-H	161'	Husco				Surface
7 5/8"	26.4	8-RF	S-H	942'	Baker				Intermediate
5 1/2"	16.6	8-RD	J-55	547'	Baker				Pred. Tg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	172'	125	Circulated		
7 5/8"	3425'	250	Single Stage		
5 1/2"	5543'	350	Single Stage		

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.				

TOOLS USED

Rotary tools were used from _____ feet to 3425 feet, and from 3425 feet to 5546 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 1956 Put to producing _____, 19____

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

If gas well, cu. ft. per 24 hours 5,708,000 A. O. G. 18.619 MCF/D One gallon gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1022

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2510	2510	Undeveloped.
2510	2755	245	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2755	3188	433	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3188	3210	22	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3210	4933	1723	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4933	5004	71	Cliff House ss. Gry, fine-grn, dense sil ss.
5004	5370	366	Manefee form. Gry, fine-grn s, carb sh & coal.
5370	5487	117	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5487	5546	59	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued