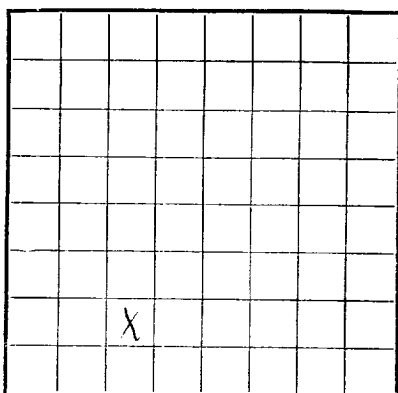




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078387-A
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 Box 997, Farmington, New Mexico
Lessor or Tract Kernaghan Field Blanco State San Juan
Well No. 1 Sec. 33 T. 31 N. R. 8 W. Meridian NMPM County San Juan
Location 990 ft. N. of S. Line and 1650 E. of W. Line of Section 33 Elevation 6397
(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 G. F. TadlockDate September 25, 1953 Title Petroleum Engineer

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

Commenced drilling July 11, 1953 Finished drilling July 31 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3243 to 3301 (G) No. 4, from 5473 to 5591 (G)
No. 2, from 5044 to 5155 (G) No. 5, from _____ to _____
No. 3, from 5155 to 5473 (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	25.4	SW	ARMCO	161	ARMCO				Surface
7	20	8rd	ARMCO	850	Baker				Prod. tbg.
2	4.7	8rd	Young	5590					Prod. tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	173	125	Circ		
7	4980	500	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
Quart	Reg	S. N. G.	1150	8-2-53	5126-5636	5636

TOOLS USED

Rotary tools were used from _____ feet to 4980 feet, and from 4980 feet to 5636 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 5, 1953 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 6,448,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1086

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	793	793	Tan-crs-grn ss with thin sh breaks.
793	1740	974	Variegated sh w/thin ss breaks.
1740	2060	320	Tan-gr crs-grn ss interbedded w/gr sh.
2060	2178	118	Ojo Alamo SS. Wh crs-grn sd.
2178	2907	729	Kirtland formation. Gr sh interbedded w/tight gr f--grn ss. Top Kirtland 2178.
2907	3243	336	Fruitland formation. Gr carb sh, scattered coals & gr, tight f-grn ss. Top Fruitland 2907.
3243	3301	58	Pictured Cliffs formation. Gr, f-grn, tight, varicolored soft ss. Top Pictured Cliffs 3243.
3301	5044	1743	Lewis formation. Gr-wh dense sh w/slty-shly ss breaks. Top Lewis 3301.
5044	5155	111	Cliff House ss. Gr, fine-grn, dense sil ss. Top Cliff House 5044.
5155	5473	318	Menefee formation. Gr, f-grn sd, carb sh & coal. Top Menefee 5155.
5473	5591	118	Point Lookout formation. Gr, v-f sil ss w/frequent sh breaks. Top Point Lookout 5473.
5591	5636	45	Mancos formation. Gr carb sh. Top Mancos 5591.

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

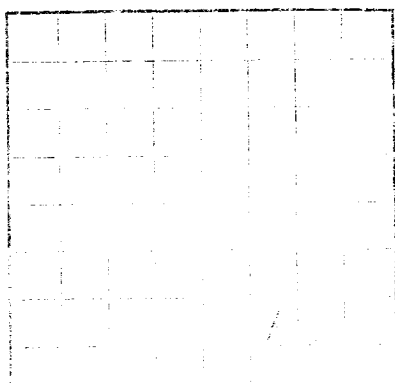
16-43094-3

FORMATION RECORD—Continued

U. S. GEOLOGICAL SURVEY
BUREAU OF MINERAL INVESTIGATION
WASHINGTON, D. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

1. Name of well
2. Location of well
3. Date of completion
4. Name of operator
5. Name of driller
6. Name of owner
7. Name of lessee
8. Name of leaseholder
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