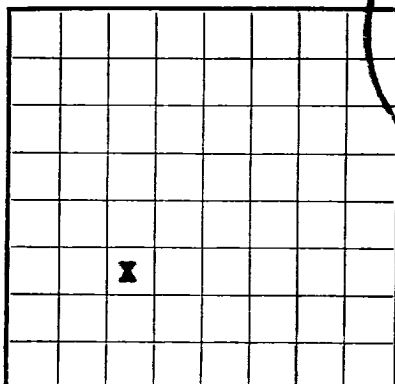


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 000377
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 29-6 Unit Field Blanco Mesa Verde State New Mexico
Well No. 66 Sec. 9 T. 29-N R. 6-W Meridian N.M.P.M. County Rio Arriba
Location 1450 ft. N of S Line and 1850 ft. E of W Line of Section 9 Elevation 6771
(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 ORIGINAL SIGNED A.M. SMITHDate June 21, 1961Title Petroleum Engineer

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

Commenced drilling 3-15-, 1961 Finished drilling 3-27, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3668 to 3818 (a) No. 4, from 5836 to 6010 (a)
No. 2, from 5454 to 5586 (a) No. 5, from _____ to _____
5586 to 5836 (a) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____
No. 5, from _____ to _____ No. 6, 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"	283	3	300	300	circulated	283	300	300	circulated
7"	3912	1 1/2	185	185	single stage	3912	6010	6010	single stage
2 7/8"	6005	2	200	200	single stage	6005	6010	6010	single stage

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	283	300	circulated		
7"	3912	185	single stage		
2 7/8"	6005	200	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 0 feet to 3912 feet, and from 3912 feet to 6010 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

S.I. 5-2-, 1961 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 2,829,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1061 A.O.F. - 3062 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2790	2790	Thin to gry cr-grn ss interbedded w/gry sh.
2790	2930	140	Ojo Alamo ss. White cr-grn s.
2930	3300	370	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3300	3668	368	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3668	3818	150	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3818	5454	1636	Lewis form. Gry, fine-grn, dense silt ss.
5454	5586	132	Cliff House ss. Gry, fine-grn, dense silt ss.
5586	5836	250	Manitou form. Gry, fine-grn s, carb sh & coal.
5836	6010	174	Point Lookout form. Gry, very fine silt ss w/frequent sh breaks.

FORMATION RECORD—Continued