

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 075497
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 297, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco State New Mexico
Well No. 60 Sec. 19 T. 20N R. 7E Meridian NMPM County Rio Arriba
Location 600 ft. xxx of N Line and 1250 ft. xxx of E Line of Section 19 Elevation 6875'

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 FW Bond

Date August 30, 1956 Title Petroleum Engineer

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

Commenced drilling 7-23-56, 1956 Finished drilling 8-3-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 346 to 356 (G) No. 4, from 5076 to 5792 (G)
 No. 2, from 5110 to 5250 (G) No. 5, from _____ to _____
 No. 3, from 5250 to 5670 (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—	
10 3/4"	32.75	8 E.A.	S-55	162'	Hollow				Surface
7 1/2"	25.5	8 E.A.	J-55	500'	Patent				Intermediate
5 1/2"	15.5	8 RB	J-55	500'	Patent				Prod. Chg.
2"	3.7	8 RB	J-55	3762'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	177'	120	Cementulated		
7 5/8	3535'	250	Single stage		
5 1/2	5845'	300	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 155 feet, and from 255 feet to 527 feet.

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

DATES

~~6-9-50~~ _____, 19____ 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: 224,000 A.O.F. Gallons gasoline per 1,000 cu. ft. of gas 10.955 MCF/D

Rock pressure, lbs. per sq. in. -----1055-----

EMPLOYEES

_____, Driller

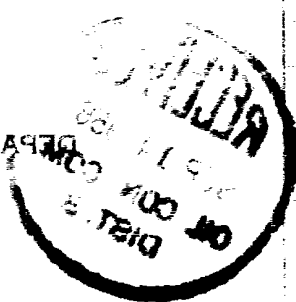
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2585	2585	Tan to gry cr-grn ss interbedded w/gry sh.
2585	2676	91	Ojo Alamo ss. White cr-grn s.
2676	3220	544	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3220	3466	246	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3466	3560	92	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3560	5110	1550	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5110	5250	140	Cliff House ss. Gry, fine-grn, dense sil ss.
5250	5676	426	Menefee form. Gry, fine-grn s, carb sh & coal.
5676	5790	122	Point Lookout form. Gry, very fine sil ss w/frequent sh. breaks.
5790	5847	49	Mancos formation. Gry carb sh.

LEAST OF PERMIT TO INSPECT
SPECIAL NUMBER
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



NEW 240 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000

1. The first of these is the fact that the Government has not been able to secure the necessary funds to carry out its policy. This is due to the fact that the Government has not been able to secure the necessary funds to carry out its policy.

which are not the only ones that have been used, and which are not the only ones that will be used.

..... gullible (believed) 01 2011-1-10

OUT OF GAS BANDS OR ZONES

© 2000 Blackwell Science Ltd

0-1-56 Point Lookout I.D. 546. Perforated 5616-5690, 5694-5710.
5731-5748. Water traced with 50,000 gallons water & 60,000 lbs. BHP 2400#. Maximum pressure 2400#, treated pressure 1900. I.R. 57.0 BFM. Flush 6430 gals. No natural gas.

0-1-56 Offit House temp. plug depth 5200.8 perforated 5110-5122, 5132-5146, 5170-5180, 5190-5202, 5212-5222. Water flushed 4445.50, 000 gallons water & 57,500# sand. BDP 1950#, max mm pressure 2200, average treating pressure 2100#. Int. 12000.00.1 BFM. Flush 5200 gallons. Water stage none.

7-0-1 from _____ to _____

7-0-1 from _____ to _____

7-0-1 from _____ to _____

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued