

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office Santa Fe
Lease No. 078096
Unit Mudge

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 12 is located 1681.5 ft. from N line and 990 ft. from E line of sec. 17
E/2 Section 17 (1/4 Sec. and Sec. No.) 31N (Twp.) 11W (Range) NMPM (Meridian)
Blanco (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6020 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to drill a well with rotary tools through the Mesa Verde drilling the pay section with gas circulation, and to sand-oil the Cliff House and Point Lookout formations. Total Depth 5035'.

Casing Program:

9 5/8" at 170' with 125 sacks regular cement circulated to surface.
7" at 4800' with 250 sacks Pozmix and 250 sacks regular cement.

The E/2 of Section 17 is dedicated to this well.

SF 078096 E/2 17-31-11.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

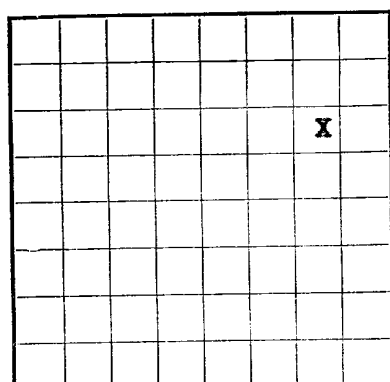
Company K1 Paso Natural Gas Company

Address Box 997

Farmington, New Mexico

By

Title Petroleum Engineer

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078096
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 997, Farmington, New Mexico
Lessor or Tract Mudge Field Blanco State New Mexico
Well No. 12 Sec. 17 T 31N R. 11W Meridian NMPM County San Juan
Location 1681.5 ft. [S.] of N Line and 990 ft. [W.] of E Line of Sec. 17 Elevation 6020 DF
(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. J. Tabor
Date February 24, 1955 Title Petroleum Engineer

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

Commenced drilling January 4, 1955 Finished drilling January 31, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2627 to 2747 (G) No. 4, from 4853 to 5055 (G)
No. 2, from 4235 to 4427 (G) No. 5, from _____ to _____
No. 3, from 4427 to 4853 (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#	8 RD	J-55	159'	Howco				Surface
7"	23#	8 RD	J-55	1790'	Howco				8 1/2" Dia.
2 1/2"	4.7#	8 RD	J-55	1790'	Howco				5 1/2" Dia.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	172'	125	Circulated		
7"	4800	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
See Well History.						

TOOLS USED

Rotary tools were used from 0 feet to 4800 feet, and from 4800 feet to 5055 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 3, 1955 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 5,280,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1027

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	380	380	Tan cr-grn ss w/thin sh breaks.
380	800	420	Variegated sh w/thin ss breaks.
800	1630	830	Tan to gry cr-grn ss interbedded w/gry sh.
1630	1692	62	Ojo Alamo ss. White cr-grn s.
1692	2159	467	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2159	2627	468	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2627	2747	120	Pictured Cliffs form. Gry, fine-grn, tight, vari-colored soft ss.
2747	4235	1488	Bewis form. Gry to white dense sh w/silty to shaly ss breaks.
4235	4427	192	Cliff House ss. Gry, fine-grn, dense sil ss.
4427	4853	426	Manefee form. Gry, fine-grn s, carb sh and coal.
4853	5055	202	Point Lookout form. Gry, very fine- sil ss w/frequent sh breaks.

NEW AND RE-USED CO.

February 2, 1955. Treated Point Lookout 1800 - 5055' with 15,000 gallons oil, 12,600# sand. BHP 1500#, max. pressure 1500#, injection rate 8 bbls./min. Flush 1800 gallons. Natural gas 260 MCF. Retainer set in casing at 4724'.

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

U. S. GOVERNMENT PRINTING OFFICE

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