

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

May 10, 1955

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Company

Daum

Well No. 2

in. NW

NW

1/4

(Company or Operator)

(Lease)

D

Sec. 32

T. 28N

R. 9W

NMPM.

Aztec P.C.

Pool

(Unit)

San Juan

County. Date Spudded. 4-5-55

Date Completed. 4-23-55

Please indicate location:

X			

990'N 990'W

Casing and Cementing Record

Size	Feet	Sax
9 5/8"	121'	100
5 1/2"	2116'	150
1"	2181'	---

Elevation. 6021'G Total Depth. 2195' P.B.

Top oil/gas pay. 2126' Top of Prod. Form. Pictured Cliff

Casing Perforations: None or

Depth to Casing shoe of Prod. String. 2126'

Natural Prod. Test. BOPD

based on. bbls. Oil in. Hrs. Mins.

Test after acid or shot. BOPD

Based on. bbls. Oil in. Hrs. Mins.

Gas Well Potential. 3,132 MCF/D

Size choke in inches.

Date first oil run to tanks or gas to Transmission system: w/o Pipeline

Transporter taking Oil or Gas: El Paso Natural Gas Co.

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved. MAY 13 1955, 19.

OIL CONSERVATION COMMISSION
Original Signed Emery C. Arnold

By:

Title Oil and Gas Inspector Dist. #3.

El Paso Natural Gas Co.

(Company or Operator)

By:

D. C. Johnston

(Signature)

Title:

Petroleum Engineer

Send Communications regarding well to:

Name. E. J. Coel

Address. Box 997, Farmington, New Mexico

AZING DATA OFFICE

No. Copies

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible]

100

File _____

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078329
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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.

Date May 11, 1955

Title ^U Petroleum Engineer

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

Commenced drilling April 5, 1955 Finished drilling April 22, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2125 to 2195 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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	25.47	P.F.	C.W.	121'	Howco				Surface
5	1 1/2"	15.50	8 RD	J-55	2116'	Baker				Prod. Gas.
1		1.684	10 RD	Std. B.H.	2181'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	9 5/8	131'	100	Circulated		
	5 1/2	2126'	150	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

TOOLS USED

Rotary tools were used from 4 feet to 2126 feet, and from _____ feet to _____ feet
Cable tools were used from 2126 feet to 2195 feet, and from _____ feet to _____ feet

DATES

----- April 23 -----, 19--55 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 3,132,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 67 -----

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
--	--	--	--
0	350	350	Variegated sh w, thin ss breaks.
350	1115	765	Tan to gry cr-grn ss interbedded w/gry sh.
1115	1235	120	Ojo Alamo ss. White cr-grn s.
1235	1893	658	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1893	2125	232	Fruitland form. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
2125	2195 T.L	70	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

[illegible]

-OL

TOTAL FEET

FORMATION

10-45094-2 U. S. GOVERNMENT PRINTING OFFICE

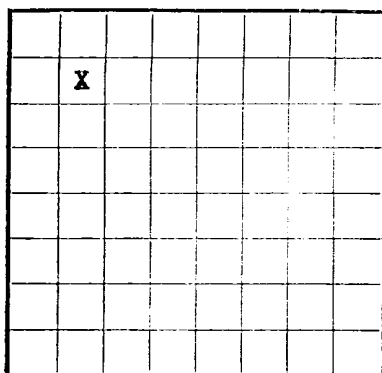
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its 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.

April 28, 1955 total depth 2196'. sand-oil pictured 2196'. Treated thru casing. Interval treated 2126-2196', with 12,800 gallons #2 diesel oil & 17,000# sand. Breakdown pressure 1000#, maximum pressure 1150#, Injection rate 32.4 bbls./min. Times 2200 gallons. Natural gas 44 MCF/D.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078329

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 997, Farmington, New Mexico
Lessor or Tract Daum Field Aztec P.C. State New Mexico
Well No. 2 Sec. 32 T.20N. R. 9W Meridian NMPM County San Juan
Location 990 ft. ~~xxx~~ of N Line and 990 ft. ~~xxx~~ of E Line of Section 32 Elevation 6031'

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 D. C. Johnston

Date May 11, 1955

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

Commenced drilling ----- April 5 ----- 1955 Finished drilling ----- April 22 ----- 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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#	P.E.	S.A.	121'	Howco				Surface
5	1 1/2"	15.50	8 RD	J-55	2116'	Baker				Prod. Gas.
1		1.68#	10 RD	Std. B.H.	215'					Prod. Tog.

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	9 5/8	131'	100	Circulated		
	5 1/2	2126'	150	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 Rel History				

TOOLS USED

Rotary tools were used from 0 feet to 2126 feet, and from _____ feet to _____ feet.
Cable tools were used from 2126 feet to 2195 feet, and from _____ feet to _____ feet.

DATES

----- <u>Apr 11-23</u> -----, 19- <u>55</u>	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 <u>3,132,000</u>	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. ----- <u>671</u>	

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
--	--	--	--
0	350	350	Variegated sh w/ thin ss breaks.
350	1115	765	Tan to gry cr-grn ss interbedded w/ gry sh.
1115	1235	120	Ojo Alamo ss. White cr-grn s.
1235	1893	658	Kirtland form. Gry sh interbedded w/ tight gry fine-grn ss.
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