

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078390
Unit Jones

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	<u>Water Fracture</u>	<u>X</u>

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

March 8, 1956

Well No. 3-A is located 1460 ft. from N line and 1460 ft. from E line of sec. 15NE Section 15
(1/4 Sec. and Sec. No.)28N
(Twp.)8W
(Range)N40W
(Meridian)Blanco
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 5886 ft.

DETAILS OF WORK

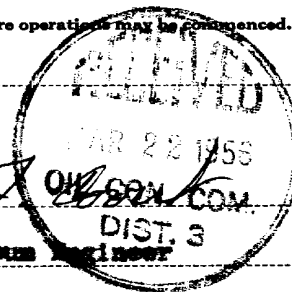
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

3-3-56 Total Depth C.O. to 4780'. Water fractured Lower Point Lookout perforated intervals 4732-4742, 4763-4773, with 6 shots per foot, with 17,000 gallons water and 17,000# sand. Maximum pressure 3500#, average treating pressure 1650#. Injection rate 44.5 bbls./min. Flush none, Natural gage not available.

3-4-56 Total Depth temp. plug back to 4710'. Water fractured Upper Point Lookout perforated intervals 4620-4631, 4654-4664, with 6 shots per foot with 54,200 gallons water and 54,500# sand. Maximum pressure 1800#, average treating pressure 1800#. Injection rate 54.3 bbls./min. Flush 4800 gallons. Natural gage not available.

(Over)

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

Company El Paso Natural Gas CompanyAddress Box 997Farmington, New MexicoBy W. F. O'BRYEN
Title Petroleum Engineer

3-4-56 Total Depth, Temp. P.B. to 4210'. Water fractured Lower Cliff House performed intervals 4142-4160, with 6 shots per foot with 54,000 gallons water and 55,000# sand. Maximum pressure 2000#, average treating pressure 2000#, Injection rate 46.7 bbls./min. Flush 4200 gallons.

3-4-56 Total Depth, Temp. P.B. to 4120'. Water fractured Upper Cliff House performed intervals 4034' - 4044', 4050' - 4090' with 6 shots per foot, with 54,000 gallons water and 55,000# sand. Maximum pressure 1800#, average treating pressure 1800#. Injection rate 46.7 bbls./min. Flush 4200 gallons.

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date February 7, 1956

Operator El Paso Natural Gas Company Lease Jones

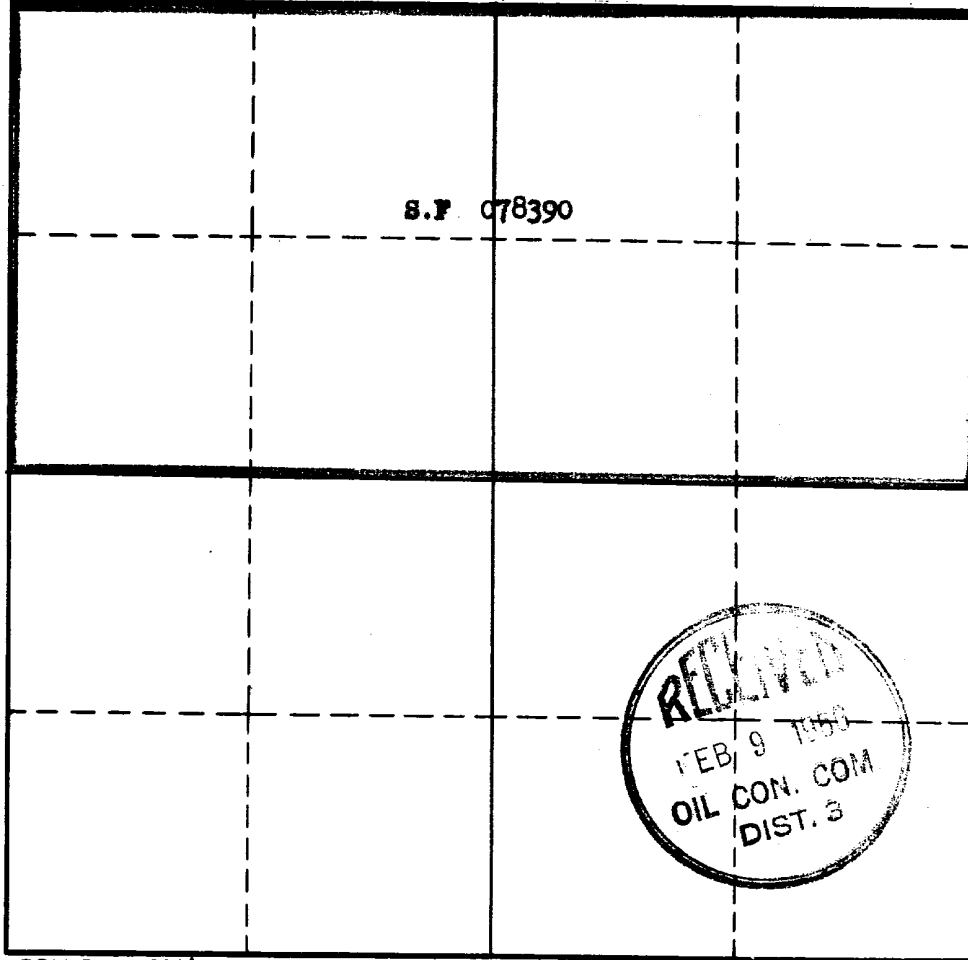
Well No. 3-A Section 15 Township 28N Range 8W NMPM

Located 1460 Feet From North Line, 1460 Feet From East Line,

San Juan County, New Mexico. G. L. Elevation 5876

Name of Producing Formation Mass Verde Pool Blanco Dedicated Acreage 320

(Note: All distances must be from outer boundaries of Section)



SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes No X.
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes No .

Name E. S. O'Leary
Position Petroleum Engineer
Representing El Paso Natural Gas Company
Address Box 997, Farmington, N.M.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 1-4-56

Registered Professional Engineer and/or Land Surveyor

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <u>4</u>		
DISTRIBUTION		
	NO. FURNISHED	
Operator	1	
Santa Fe	1	
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State Land Office		
U. S. G. S.	1	
Transporter		
File	1	✓

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool Blanco Mesa Verde Formation Mesa Verde County San Juan
 Initial X Annual _____ Special _____ Date of Test 3/20/56
 Company El Paso Natural Gas Company Lease Jones Well No. 3-A
 Unit 0 Sec. 15 Twp. 28 Rge. 8 Purchaser El Paso Natural Gas Company
 Casing 7 Wt. _____ I.D. _____ Set at 4785 Perf. _____ To _____
 Tubing 2 Wt. 4.7 I.D. _____ Set at 4768 Perf. _____ To _____
 Gas Pay: From 4034 To 4773 L _____ xG .650 -GL _____ Bar.Press. _____
 Producing Thru: Casing _____ Tubing X Type Well Single
 Date of Completion: _____ Packer _____ Single-Bradenhead-G. G. or G.O. Dual
 Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter)

Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
1.		<u>3/4</u>	<u>426</u>			<u>1028</u> <u>426</u>	<u>73</u>	<u>1029</u> <u>647</u>		<u>3 hours</u>
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.	<u>14.1605</u>		<u>426</u>	<u>0.9677</u>	<u>0.9668</u>	<u>1.040</u>	<u>5814</u>
2.							
3.							
4.							
5.							

PRESSURE CALCULATIONS

Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
 Gravity of Liquid Hydrocarbons _____ deg.
 F_c _____ (1-e^{-s})

Specific Gravity Separator Gas _____
 Specific Gravity Flowing Fluid _____
 P_c _____ P_c² _____

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.									
2.									
3.									
4.									
5.									

Absolute Potential: 13,692 MCFPD: 0.750
 COMPANY El Paso Natural Gas Company
 ADDRESS P. O. Box 977, Farmington, N.M.
 AGENT and TITLE Tom Grant, Gas Engineer
 WITNESSED _____
 COMPANY _____

REMARKS

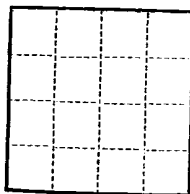
OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 3

DISTRIBUTION

	NO. FURNISHED	
Operator	1	
Gen'l. Fe.		
Production Office		
State Land Office	1	
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Transporter	1	✓
File		



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **078390**
Unit **June**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 15, 1956

Well No. **3-A** is located **1460** ft. from **[N]** line and **1460** ft. from **[E]** line of sec. **15**
NE Section 15 **20N** **5W** **14W**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco **San Juan** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5526** 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)

Spud date 2-17-56.

On 2-18-56. Total Depth 176'.

Run 4 joints 9 5/8", 25.4#, Amoco apical weld casing (162') set at 176'
 with 125 sacks regular cement circulated to surface.
 Held 500# 30 minutes.



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

Company **El Paso Natural Gas Company**Address **Box 971****Farmington, New Mexico**By *Well Ullrich*Title **Petroleum Engineer**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

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

April 5, 1956

(Place)

(Date)

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

El Paso Natural Gas Company

Jones

Well No. 3-A

in SW $\frac{1}{4}$

NE $\frac{1}{4}$

(Company or Operator)

(Lease)

G

(Unit)

Sec. 15

T. 28N

R. 8W

NMPM,

Bianco

Pool

San Juan

County. Date Spudded 2-17-56

Date Completed 3-13-56

Please indicate location:

		X	

Elevation 5876' Total Depth 5785' ~~25x~~ C.O. 5780'

Top oil/gas pay 4034' (Perf.) Name of Prod. Form Mesa Verde
(4034-4044, 4080-4090 sq. w/100 sq. DOC) 4142-4160, 4620-4631,
Casing Perforations: 4654-4664, 4732-4742, 4763-4773.

Depth to Casing shoe of Prod. String 4775'

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 13,692 MCF/D Absolute Open Flow

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 Company

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge. DIST. 3

Approved

4.10, 19 56

El Paso Natural Gas Company

(Company or Operator)

By:

(Signature)

Title

Petroleum Engineer

Send Communications regarding well to:

Name

E. J. Coel

Address

Box 997, Farmington, N.M.

OIL CONSERVATION COMMISSION

By:

Title

Oil and Gas Inspector Dist. #3.

