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NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

I. Operator  
**El Paso Natural Gas Company**

Address  
**P. O. Box 990, Farmington, New Mexico**

Reason(s) for filing (Check proper box) Other (Please explain)

New Well  Change in Transporter of:

Recompletion  Oil  Dry Gas

Change in Ownership  Casinghead Gas  Condensate

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>EPNG Com A</b>	Well No. <b>2</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease <u>State</u> , Federal or Fee	Lease No. <b>E-1196-3</b>
Location Unit Letter <b>M</b> ; <b>890</b> Feet From The <b>South</b> Line and <b>1120b</b> Feet From The <b>West</b>				
Line of Section <b>32</b> Township <b>31N</b> Range <b>8W</b> , NMPM, <b>San Juan</b> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
<b>El Paso Natural Gas Company</b>	<b>Box 990, Farmington, New Mexico</b>			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
<b>El Paso Natural Gas Company</b>	<b>Box 990, Farmington, New Mexico</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>M</b>	Sec. <b>32</b>	Twp. <b>31N</b>	Rge. <b>8W</b>
	Is gas actually connected?		When	

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

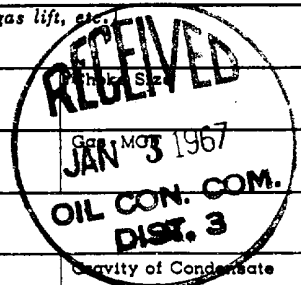
IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		<b>X</b>		<b>X</b>			<b>X</b>	
Date Spudded <b>W/O 12-3-66</b>	Date Compl. Ready to Prod. <b>W/O 12-21-66</b>	Total Depth <b>5520'</b>		P.B.T.D. <b>5465</b>				
Elevations (DF, RKB, RT, GR, etc.) <b>6041' GL</b>	Name of Producing Formation <b>Mesa Verde</b>	Top Gas Pay <b>4712</b>		Tubing Depth <b>5361</b>				
Perforations <b>4712-26, 4738-52, 5113-19, 5154-60, 5201-13;</b> <b>5236-40, 5270-74, 5294-98, 5342-46, 5393-97, 5446-52.</b>						Depth Casing Shoe <b>5520</b>		
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<b>13 3/4"</b>	<b>9 5/8"</b>		<b>180'</b>		<b>125</b>			
<b>8 3/4"</b>	<b>7"</b>		<b>4600'</b>		<b>300</b>			
<b>6 1/4"</b>	<b>4 1/2"</b>		<b>5520'</b>		<b>125</b>			
	<b>2 3/8"</b>		<b>5361'</b>		<b>tbq.</b>			

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.



GAS WELL

Actual Prod. Test - MCF/D <b>10,081 MCF/D</b>	Length of Test <b>3 hrs</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) <b>Calculated A.O.F</b>	Tubing Pressure (Shut-in) <b>832</b>	Casing Pressure (Shut-in) <b>832</b>	Choke Size <b>3/4"</b>

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Original Signed F. H. WOOD  
(Signature)  
**Petroleum Engineer**  
(Title)  
December 28, 1966  
(Date)

OIL CONSERVATION COMMISSION

APPROVED JAN - 3 1967, 19\_\_\_\_

BY Original Signed by A. R. Kendrick

TITLE PETROLEUM ENGINEER DIST. NO. 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

## WELL COMPLETION LOG

Form 22-5 (Rev. 2-62)

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EPNG Com A #2 (OWTO)

(Show details of tubular goods, bottom hole accessories, DST's, Cores, Deviations, and General Chronological History).

## WORKOVER

- 12-3-66 Rigged up Dwinell Bros. rig #1. Cut stuck tubing @ 4692', left 608' fish in open hole.
- 12-4-66 Set cement retainer at 4445', squeezed open hole w/200 sks. cement. tested casing w/1000#. Perf 3 squeeze holes @ 1755', set retainer @ 1645', squeezed through perfs w/125 sks. cement. tested perfs w/800#, O.K.
- 12-5-66 Drilled cement to 4609', 3/4" @ 4580'. Drilled 4 3/4" sidetrack hole to 4629' 5" @ 4629'.
- 12-6-66 Reamed, 4 3/4" hole to 6 1/4", drilling w/gas.
- 12-7-66 Reached T. D. of 5520', 2" at 5520'.
- 12-8-66 Ran logs, started running casing, Alton Lee water truck backed over blowoff, started fire. Fire burned water truck, Dialog truck, Dwinell Bros. truck, Doghouse two(2) light plants, trailer house and 3 rig tarps.
- 12-9-66 Ran 172 joints 4 1/2" 10.5#, J-55 casing, 5510' set at 5520' w/125 sks. cement.
- 12-10-66 Perf Lower Point Lookout 5236-40, 5270-74, 5294-98, 5342-46, 5393-97, 5446-52 w/12 SPZ. Frac w/17,500# 20/40 sand, 25,200 gallon water, max pr 4100#, BDP 3500#, tr pr 3000-3300-4100#, IR 47 BPM, dropped 4 sets of 12 balls each. flushed, ISIP 0. Set B.P. At 5229', tested w/4500#, O.K. Perf Point Lookout 5113-19, 5154-60', 5201-13 w/18 SPZ. Frac w/40,000# 20/40 sand, 40,000 gallon water, max pr 3200#, BDP 2700#, tr pr 2700-2750-3200#. IR 55 BPM. dropped 2 sets of 18 balls each, flushed. ISIP 0. Set BP @ 4765', tested w/4000# O.K. Perf Cliff House 4712-26, 4738-52 w/21 SPZ Frac w/20,000# 20/40 sand, 20,000 gallon water. Max pr 3200#, BDP 3200#, tr pr 2800-2900-3100#. IR 55 BPM. Dropped 1 set of 21 balls. flushed. ISIP 0.
- 12-11-66 Drilled bridge plugs, blowing well.
- 12-12-66 Blowing well
- 12-13-66 Blowing well.
- 12-14-66 Ran 170 jts. 2 3/8", 4.7# J-55 tubing, 5351' landed at 5361', Pin collar & nipple on bottom.
- 12-21-66 Date well was tested.