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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 <b>El Paso Natural Gas Company</b>	
Address <b>Box 990, Farmington, New Mexico 87401</b>	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	<b>See Back for Details</b>
Recompletion <input checked="" type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of:	
Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>San Juan 32-9 Unit</b>	Well No. <b>83</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease State, <input checked="" type="checkbox"/> Federal or Fee	Lease No. <b>SF 078509</b>
Location				
Unit Letter <b>AA N</b>	<b>1180</b>	Feet From The <b>South</b> Line and <b>1090</b>	Feet From The <b>West</b>	
Line of Section <b>6</b>	Township <b>31N</b>	Range <b>9W</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>6</b>
	Twp. <b>31N</b>	Rge. <b>9W</b>
	Is gas actually connected? _____ When _____	

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

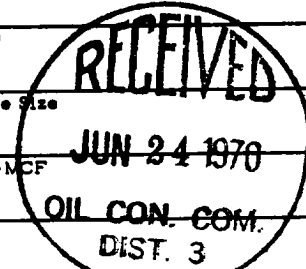
IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
Date Spudded <b>W/O 4-24-70</b>	Date Compl. Ready to Prod. <b>6-12-70</b>	Total Depth <b>6139'</b>	P.B.T.D. <b>6128'</b>					
Elevations (DF, RKB, RT, GR, etc.) <b>6558' GL</b>	Name of Producing Formation <b>Mesa Verde</b>	Top <del>XX</del> /Gas Pay <b>5228'</b>	Tubing Depth <b>5996'</b>					
Perforations <b>5228-40, 5254-66, 5276-88', 5650-62', 5676-82', 5718-24, 5734-40, 5750-56, 5850-56, 5998-6004'.</b>			Depth Casing Shoe <b>6139'</b>					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
<b>12 1/4"</b>	<b>9 5/8"</b>	<b>171'</b>		<b>125 Sks.</b>				
<b>8 3/4"</b>	<b>7"</b>	<b>5190'</b>		<b>500 Sks.</b>				
<b>6 1/4"</b>	<b>4 1/2"</b>	<b>6139'</b>		<b>125 Sks.</b>				
	<b>2 3/8"</b>	<b>5996'</b>		<b>Tubing</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	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF



GAS WELL

Actual Prod. Test-MCF/D <b>5069 MCF/D</b>	Length of Test <b>3 Hours</b>	Bbls. Condensate/MMCF <b>2.98</b>	Gravity of Condensate <b>54.5</b>
Testing Method (pilot, back pr.) <b>Calculated A.O.F.</b>	Tubing Pressure (shut-in) <b>411</b>	Casing Pressure (shut-in) <b>962</b>	Choke Size <b>3/4" Variable</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)

**June 18, 1970**  
(Date)

OIL CONSERVATION COMMISSION  
JUN 24 1970

APPROVED \_\_\_\_\_  
Original Signed by **Emery C. Arnold**<sup>19</sup>  
BY \_\_\_\_\_

TITLE \_\_\_\_\_ SUPERVISOR DIST. #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.

## WORKOVER

- 4-24-70 Rigged up Dwinell Bros. rig #1, pulled tubing, set cement retainer at 5133', tested casing to 1000# O. K., squeezed open hole w/150 sacks of cement.
- 4-25-70 Perf. 2 squeeze holes at 1953', set cement retainer at 1905', squeezed through perfs w/200 sacks of cement.
- 4-26-70 Drilling sidetrack hole from 5198' w/gas.
- 4-27-70 Drilling w/gas, 3° at 5213', 4 1/2° at 5223', 4° at 5249'.
- 4-28-70 Reached total depth of 6139'. 4° at 5350', 3 1/2° at 5892', 2° at 6139'.
- 4-29-70 Logged well and ran 188 joints 4 1/2", 10.5#, K-55 casing (6128') set at 6139' w/125 sacks of cement.
- 4-30-70 P.B.T.D. 6128', perf. 5650-62', 5676-82', 5718-54', 5734-40', 5750-56', 5998-6004' w/18 SPZ. Frac w/80,000# 20/40 sand, 73,120 gal. water. Dropped 6 sets of 18 balls, flushed w/4032 gal. water, bridging ball at 5356'.  
Perf. 5228-40', 5254-66', 5276-88' w/18 SPZ. Frac w/40,000# 20/40 sand, 33,600 gal. water, dropped 2 sets of 18 balls, flushed w/4200 gal. water.
- 5-1-70 Blowing well and cleaning out.
- 5-2-70 Ran 193 joints 2 3/8", 4.7#, J-55 tubing (5986') landed at 5996' w/SN on bottom.
- 6-12-70 Date well was tested.