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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)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/>
Recompletion <input checked="" type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Other (Please explain) <b>See Back for Details</b>	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Hutchin</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease State, Federal or F <input checked="" type="checkbox"/>	Lease No. <b>Fee</b>
Location				
Unit Letter <b>G</b>	<b>1700</b>	Feet From The <b>North</b> Line and <b>1650</b>	Feet From The <b>East</b>	
Line of Section <b>7</b>	Township <b>31N</b>	Range <b>10W</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>Box 990, Farmington, New Mexico - 87401</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>Box 990, Farmington, New Mexico - 87401</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>G</b>	Sec. <b>7</b>	Twp. <b>31N</b>	Rge. <b>10W</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 <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input checked="" type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Rest'v. <input checked="" type="checkbox"/>	Diff. Rest'v. <input type="checkbox"/>
Date Spudded <b>W/O 8-29-69</b>	Date Compl. Ready to Prod. <b>9-17-69</b>		Total Depth <b>5128'</b>		P.B.T.D. <b>5105'</b>			
Elevations (DF, RKB, RT, GR, etc.) <b>5828' GL</b>	Name of Producing Formation <b>Mesa Verde</b>		Top <del>20</del> Gas Pay <b>4334</b>		Tubing Depth <b>5088'</b>			
Perforations <b>4334-46, 4394-4406, 4434-46', 4841-47, 4862-68, 4894-4906, 4920-26, 4940-46, 4960-66'. 5009-21, 5036-42, 5064-70, 5086-92'.</b>					Depth Casing Shoe <b>5128'</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>167'</b>		<b>125 Sks.</b>			
<b>8 3/4"</b>	<b>7"</b>		<b>4265'</b>		<b>500 Sks.</b>			
<b>6 1/4"</b>	<b>4 1/2"</b>		<b>5128'</b>		<b>125 Sks.</b>			
	<b>2 3/8"</b>		<b>5088'</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>15,695</b>	Length of Test <b>3 Hours</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) <b>Calculated A.O.F.</b>	Tubing Pressure (shut-in) <b>869</b>	Casing Pressure (shut-in) <b>869</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 **E. H. WOOD**

(Signature)

**Petroleum Engineer**

(Title)

**September 25, 1969**

(Date)

OIL CONSERVATION COMMISSION

SEP 26 1969

APPROVED \_\_\_\_\_

BY **Original Signed by Emery C. Arnold**

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

8-29-69 Rigged up Dwinell Bros. rig #1, cut stuck tubing off at 4365', pulled tubing and set a cement retainer at 4153', squeezed open hole w/200 sacks of cement.

8-30-69 Re-squeezed open hole w/200 sacks cement. Ran packer and found hole in 7" casing between 867' 930'. Perforated 1 squeeze hole at 1983', set cement retainer at 1876', squeezed through perfs w/125 sacks of cement. Re-squeezed perfs w/125 sacks of cement. Set retainer at 810', squeezed hole in casing w/125 sacks cement.

8-31-69 Drilled retainer at 810' and 1876', tested squeeze on hole at 1983', pressure would not hold, set retainer at 1864', attempted re-squeeze w/75 sacks of cement, locked up at 2000 psi, would not bleed off, reversed out cement.

9-1-69 Drilled retainer at 1864' and 4153'.

9-2-69 No cement from 4275-4348', re-squeezed open hole w/200 sacks of cement. W.O.C. Drilled retainer.

9-3-69 Drilling sidetrack hole from 4275' w/gas. 1° at 4250', 4° at 4286', 7° at 4286'.

9-4-69 Drilling w/gas, 6° at 4333', 5 3/4° at 4516'.

9-5-69 Reached total depth of 5128', logged well, 3° at 5128'.

9-6-69 Ran 159 joints 4 1/2", 10.5#, K-55 casing (5118') set at 5128' w/125 sacks of cement.

9-7-69 P.B.T.D. 5105', perf. 5009-21', 5036-42', 5064-70', 5086-92' w/18 SPZ. Sand water frac w/34,000# 20/40 sand, 38,220 gal. water, flushed w/3654 gal. water. Dropped 3 sets of 18 balls. Set bridge plug at 4990', perf. 4841-47', 4862-68', 4894-4906', 4920-26', 4940-46', 4960-66' w/18 SPZ. Sand water frac w/70,000# 20/40 sand, 73,080 gal. water, flushed w/3444 gal. water. Dropped 5 sets of 18 balls. Set bridge plug at 4490', perf. 4334-46', 4394-4406', 4434-46' w/18 SPZ. Sand water frac w/32,000# 20/40 sand, 33,600 gal. water, flushed w/3066 gal water, dropped 2 sets of 18 balls.

9-8-69 Drilled out bridge plugs, blowing well.

9-9-69 Blew well and ran 163 joints 2 3/8", 4.7#, J-55 tubing (5078') landed at 5088' w/SN on bottom.

9-17-69 Date well was tested.