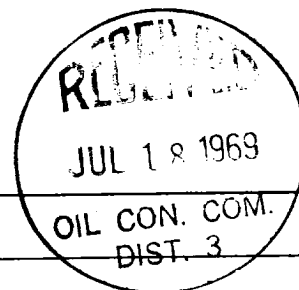


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NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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



I. Operator **El Paso Natural Gas Company**  
Address **Box 990, Farmington, New Mexico - 87401**  
Reason(s) for filing (Check proper box)  
New Well ☐ Change in Transporter of: ☐  
Recompletion ☒ Oil ☐ Dry Gas ☐ **See Back for Details**  
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>San Juan 29-7 Unit</b>	Well No. <b>90</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease State, Federal or Fee <b>X</b>	Lease No. <b>ST 078951</b>
Location Unit Letter <b>B</b> ; <b>790</b> Feet From The <b>North</b> Line and <b>1850</b> Feet From The <b>East</b> Line of Section <b>5</b> Township <b>29N</b> Range <b>7W</b> , NMPM, <b>Rio Arriba</b> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>El Paso Natural Gas Company</b>	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"/> <b>El Paso Natural Gas Company</b>	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>B</b>	Sec. <b>5</b>
	Twp. <b>29N</b>	Rge. <b>7W</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 6-14-69</b>	Date Compl. Ready to Prod. <b>W/O 7-3-69</b>		Total Depth <b>5446'</b>		P.B.T.D. <b>5404'</b>			
Elevations (DF, RKB, RT, GR, etc.) <b>6121' GL</b>	Name of Producing Formation <b>Mesa Verde</b>		Top of Gas Pay <b>4696'</b>		Tubing Depth <b>5260'</b>			
Perforations <b>4696-4712, 4750-58, 4772-80, 4790-98</b>		Depth Casing Shoe <b>5446'</b>						
<b>5134-46, 5156-60, 5170-82, 5192-5204, 5214-20, 5258-62, 5288-94, 5388-5400'</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>175'</b>		<b>125 Sks.</b>				
<b>8 3/4"</b>	<b>7"</b>	<b>4590'</b>		<b>500 Sks.</b>				
<b>6 1/4"</b>	<b>4 1/2"</b>	<b>5446'</b>		<b>125 Sks.</b>				
	<b>2 3/8"</b>	<b>5260'</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>13,311</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>981</b>	Casing Pressure (shut-in) <b>976</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 By:  
**L. O. Van Ryan**

**Petroleum Engineer**

**7-15-69**

(Signature)

(Title)

(Date)

OIL CONSERVATION COMMISSION

JUL 18 1969

APPROVED \_\_\_\_\_

BY **Original Signed by Emery C. Arnold**  
SUPERVISOR DIST. #3

TITLE \_\_\_\_\_

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

- 6-14-69 Rigged up Dwinell Bros. rig #1, killed well.
- 6-15-69 Fulled on tubing, tubing parted at 1946', ran inside tubing w/tubing cutter to 4500', pumped into tubing, could not get lower. Cut tubing off at 4488', jarred fish and recovered same.
- 6-16-69 Due to stuck tubing, hole conditions indicated cleaning out the open hole would not be feasible. Set cement retainer at 4500', loaded annulus but could not get a pressure build up. Tested drill pipe to 4000', pumped into formation at 4 BPM at 3700#. Squeezed open hole w/200 sacks of cement. Pre-set "DM" retainer at 1163', pressured annulus to 1000#, est. I.S. at 5 1/2 BPM at 1500#. Squeezed casing leaks (1615' - 1980') w/270 sacks of cement. W.O.C. 18 hours.
- 6-17-69 Drilled retainer at 1163' and cement to 1631' pressured to 700#, leaked off, drilled cement to 1965', re-tested w/pressure, leaked off. Set cement retainer at 1559', pressured annulus to 1500#, pumped into formation at 2.5 BPM w/1700#. Re-squeezed leaks w/200 sacks cement. Displaced cement to retainer, well held 600# surface pressure. W.O.C.
- 6-18-69 Drilled retainer at 1559' and cement to 1670', tested casing to 700#, pressure dropped. Set cement retainer at 1557', pressured annulus to 1500#, pumped into formation at 1 1/4 BPM at 2000#. Re-squeezed w/100 sks. cement, displaced cement to retainer, well held 1200#. W.O.C.
- 6-19-69 Drilled retainer at 1557' and cement to 1955', pressured casing to 600# O. K.
- 6-20-69 Drilled retainer at 4500' and cement to 4603'.
- 6-21-69 Opened sidetrack hole (4603-4623') 1° at 4603. 4 3/4° at 4623'.
- 6-22-69 Drilling sidetrack hole w/gas, 5° at 4643', 4° at 4798'.
- 6-23-69 Drilling and drying up wet hole.
- 6-24-69 Reached total depth of 5446', logged well.
- 6-25-69 Ran 166 joints 4 1/2", 10.5#, J-55 casing (5436') set at 5446' w/125 sacks of cement.
- 6-26-69 P.B.T.D. 4604'. Perf. 5134-46', 5156-60', 5170-82', 5192-5204', 5214-20', 5258-62', 5288-94', 5388-5400' w/16 SPZ. Frac w/78,000# 20/40 sand, 79,210 gal. water. Dropped 7 sets of 16 balls, flushed w/3900 gal. water. Set bridge plug at 5046', perf. 4696-4712', 4750-58', 4772-80', 4790-98' w/16 SPZ. Frac w/38,000# 20/40 sand, 38,380 gal. water. Dropped 3 sets of 16 balls, flushed w/3500 gal. water.
- 6-27-69 Ran 170 joints 2 3/8", 4.7#, J-55 tubing (5250') landed at 5260' w/seating nipple on bottom.
- 7-3-69 Date well was tested.