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TRANSPORTER	OIL	
	GAS	
OPERATOR		
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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**

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

New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
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"/>

**See Back for Workover Details**

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Ruelofs "A"</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease State, Federal or Fee
Location Unit Letter <b>A</b> ; <b>990</b> Feet From The <b>North</b> Line and <b>990</b> Feet From The <b>East</b> Line of Section <b>9</b> , Township <b>29-N</b> Range <b>8-W</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"/> <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</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</b>
If well produces oil or liquids, give location of tanks.	Unit <b>A</b> Sec. <b>9</b> Twp. <b>29N</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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Same Res'v. <input checked="" type="checkbox"/> Diff. Res'v. <input type="checkbox"/>		
Date Spud'd <b>W/O 10-20-65</b>	Date Compl. Ready to Prod. <b>W/O 11-1-65</b>	Total Depth <b>Whipstock 5418'</b>	PER.T.D. <b>C.O. 5376</b>
Pool <b>Blanco Mesa Verde</b>	Name of Producing Formation <b>Mesa Verde</b>	Top of Gas Pay <b>4695'</b>	Tubing Depth <b>5351'</b>
Perforations <b>4696-4704; 4718-26; 4793-4801; 4816-20; 4832-36; 5270-78; 5302-06; 5328-36; 5356-60; 5372-76;</b>			Depth Casing Shoe <b>5418'</b>
TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<b>8 3/4"</b>	<b>9 5/8"</b>	<b>173'</b>	<b>120</b>
<b>6 1/2"</b>	<b>7"</b>	<b>4653'</b>	<b>300</b>
	<b>4 1/2"</b>	<b>5418'</b>	<b>190</b>
	<b>2 3/8"</b>	<b>5351'</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 WELL

Actual Prod. Test-MCF/D <b>8339 MCF/D</b>	Length of Test <b>3 hours</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) <b>Calculated A.O.F.</b>	Tubing Pressure <b>SI 529</b>	Casing Pressure <b>SI 852</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.

OR G N N SIGNED E. S. OBERLY  
(Signature)  
**Petroleum Engineer**  
(Title)  
**December 1, 1965**  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED **DEC 7 1965**  
BY **Original Signed Emory 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 Sections I, II, III, and VI only 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

- 10-20-65 Rigged up Dwinell Bros. Rig. Pulled tubing, set cement retainer at 4543', squeezed open hole w/200 sks. Class "A" cement, w/1/4 cu. ft. Gilsonite/sk., followed by 100 sks. Class "A" cement w/10% sand. Final pr 1000#, held 800#.
- 10-21-65 Tested casing w/1500#, O.K. Perf 2 squeeze holes at 2160', set cement retainer @ 2022', pump pressure 700#, held 400#, put 10 bbls. cement behind casing. Squeezed w/100 sks. Class "A" cement w/3% calcium chloride, final pr 2000#, held 600#.
- 10-22-65 Drilled out cement & retainer, cleaned out 7" to bridge plug. Kicked off sidetrack hole at 4673'.
- 10-23-65 Reaming whipstock hole. Drilling w/gas, 3° at 4720'.
- 10-24-65 Drilled into open hole. Set retainer at 4540', squeezed open hole w/100 sks. Class "A" cement, 1/4 cu. ft. fine gilsonite/sk., 2% calcium chloride, followed by 100 sks. Class "A" cement, w/10% sand & 2% calcium chloride, final pump pr 3200#, held 800# shut down 1 min, pumped back up to 3000#. Held 3000#.
- 10-25-65 Drilled cement and retainer at 4540', kicked off whipstock hole at 4671', drilled to 4680', cleaned out 4 3/4" hole w/6 1/4" hole opener, 6° at 4680'.
- 10-26-65 Drilling w/gas, 6 3/4° at 4695'.
- 10-27-65 Lost 6 collars in hole. Recovered fish.
- 10-29-65 Whipstock total depth 5418'. Ran 168 jts. 4 1/2", J-55 casing (5408') set at 5418' w/190 sks. regular cement, w/1/4 cu.ft. Gilsonite/sk., 2% gel.
- 10-30-65 Surf Point Lookout 5270-78 w/2 SPF, 5302-06 w/4 SPF; 5328-36 w/2 SPF; 5356-60; 5372-76 w/4SPF. Frac w/40,000# 20/40 sand, 32,540 gallons water w/1# FR-8/1000 gallons. BDP 4000#, max pr 3000#, tr pr 2000-1950#. IR 44.3 BPM. Dropped 4 sets of 16 balls each, flushed w/4000 gallons water. ISIP zero, 5 min zero. Set bridge plug at 4875', perf C.H. 4696-4704-4718-4726, 4793-4801 w/2 SPF, 4816-4824; 4832-36' w/4 SPF, frac w/40,000# 40/60 sand, 30,430 gal water w/1# FR-8/1000 gal. max pr 2800#, BDP 4000#, tr pr 2200-2700#. IR 49 BPM. Dropped 4 sets of 16 balls each, flushed w/3230 gallons water. ISIP 200#, 5 min zero.
- 10-31-65 Blowing well, cleaning out after frac.
- 11-1-65 Ran 170 jts. 2 3/8", 4.7# J-55 tubing, 5342.63' set at 5350.63'. SN @ 5334'.
- 11-9-65 Date well was tested.