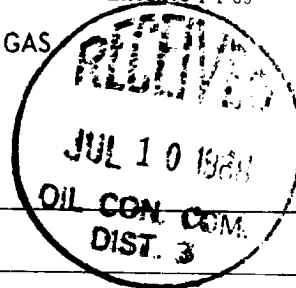


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	GAS	
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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 ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
See Back for Details

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Grambling C	Well No. 4	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. SF 078200-A
Location Unit Letter L : 1798 Feet From The South Line and 1097 Feet From The West Line of Section 12 Township 30N Range 10W , NMPM, San Juan 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"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico
If well produces oil or liquids, give location of tanks. L 12 30N 10W	Is gas actually connected? <input type="checkbox"/> 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	Stime Res'tv.	Diff. Res'tv.
		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
Date Spudded W/O 6-13-68	Date Compl. Ready to Prod. 7-3-68	Total Depth 5714'	P.B.T.D. 5702'					
Elevations (DF, RKB, RT, GR, etc.) 6401' GL	Name of Producing Formation Mesa Verde	Top Gas Pay 4722'	Taking Depth 5327'					
Perforations 4722-42, 4824-34, 4846-56, 4896-4906. 5338-44, 5354-60, 5376-88, 5404-16, 5426-32, 5444-50, 5464-70. 5562-68, 5606-62, 5676-88		Depth Casing Shoe 5714'						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
13 3/4"	9 5/8"		172'		125 Sks.			
8 3/4"	7"		4675'		500 Sks.			
6 1/4"	4 1/2"		5714'		125 Sks.			
	2 3/8"		5327'		Tubing			

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 10,465 MCF/D	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 777	Casing Pressure (Shut-in) 793	Choke Size 3/4"

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)

July 8, 1968

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUL 10 1968**

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.

WORKOVER

- 6-13-68 Rigged up Dvinell Bros. rig #1. Pulled tubing, due to junk in open hole from original completion, set cement retainer at 4593', squeezed open hole w/200 sacks of cement. Perf. 1 squeeze hole at 2350', set cement retainer at 2290', block squeezed 7" annulus w/125 sacks of cement. W.O.C. 12 hours. Drilled out retainer and cement, tested w/800# O. K.
- 6-14-68 Drilled out retainer and cement to 4688'.
- 6-15-68 Drilling sidetrack hole from 4688' w/gas, 1° at 4658', 5° at 4708', 5 1/2" @ 4741'.
- 6-16-68 Drilling.
- 6-17-68 Reached total depth of 5714', 4 1/2" at 5300', 5° at 5714'. Ran logs.
- 6-18-68 T. D. 5714', ran 183 joints 4 1/2", 10.5#, J-55 casing (5704') set at 5714' w/125 sacks of cement. W.O.C. 18 hours.
- 6-19-68 P.B.T.D. 5702', tested casing to 4000# O. K. Spotted 300 gal. 7 1/2% HCL. Perf. 5562-68', 5606-62', 5676-88' w/12 SPZ. Frac w/24,000# 20/40 sand, 23,500 gal. water. Max. pr. 4000#, BDP pump-in, tr. pr. 1200-2100-2600#. I.R. 60 BPM, dropped 2 sets of 12 balls each, flushed w/4710 gal. water. ISIP vacuum. Set BP @ 5512', tested w/3000# O. K. Perf. 5338-44', 5354-60', 5376-88', 5404-16', 5426-32', 5444-50', 5464-70' w/12 SPZ. Frac w/48,000# 20/40 sand, 46,180 gal. water. Max. pr. 4000#, BDP 3000#, tr. pr. 2000-2800-4000#. I.R. 44 BPM. Dropped 6 sets of 12 balls each, flushed w/4100 gal. water. ISIP -0-. Set BP @ 4930', tested w/4000# O. K. Perf. 4722-42', 4824-34', 4846-56', 4896-4906' w/20 SPZ. Frac w/50,000# 40/60 sand, 51,050 gal. water. Max. pr. 4000#, BDP 3800#, tr. pr. 2200-2250-2500#. I.R. 55 BPM. Dropped 3 sets of 20 balls each, flushed w/3600 gal. water. ISIP 500#, 5 Min. -0-.
- 6-20-68 Blowing well, drilling bridge plugs.
- 6-21-68 Ran 175 joints 2 3/8", 4.7#, J-55 tubing (5317') landed at 5327', common SN run 1 jt. up from bottom, tubing run open ended.
- 7-3-68 Date well was tested.