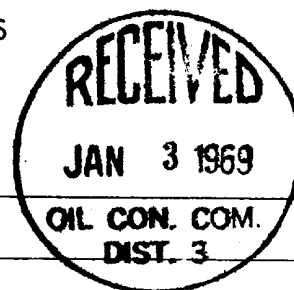


NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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



SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS 1
OPERATOR	2
PRORATION OFFICE	

I. Operator
El Paso Natural Gas Company
Address
Box 990, Farmington, New Mexico
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 Atlantic A	Well No. 5	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. NM 0606
Location Unit Letter L ; 1650 Feet From The South Line and 990 Feet From The West Line of Section 26 Township 31N 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.	Unit L	Sec. 26	Twp. 31N	Rge. 10W	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.
		X		X			X	
Date Spudded W/O 11-9-68	Date Compl. Ready to Prod. W/O 12-19-68	Total Depth 5627	P.B.T.D. 5610					
Elevations (DF, RKB, RT, GR, etc.) 6302' GL	Name of Producing Formation Mesa Verde	Top Gas Pay 4754	Tubing Depth 5259					
Perforations 4754-58, 4802-08, 4820-26, 4844-50, 4886-96, 5278-82, 5302-12, 5322-26, 5344-48, 5370-78, 5396-5408, 5426-36, 5454-66, 5560-68			Depth Casing Shoe 5627'					
TUBING, CASING, AND CEMENTING RECORD 5596-5604'								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
No record	9 5/8"		170'		115			
8 3/4"	7"		4721		300			
6 1/4"	4 1/2"		5627		125			
	2 3/8"		5259'					

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 9615 MCF/D	Length of Test 3 hrs.	Bbls. Condensate/MMCF 12.65 Bbls. 3 hrs.	Gravity of Condensate Valve Frozen
Testing Method (pitot, back pr.) Calculated AOF	Tubing Pressure (Shut-in) 810	Casing Pressure (Shut-in) 813	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.

(Signature)

Petroleum Engineer
(Title)

December 27, 1968
(Date)

OIL CONSERVATION COMMISSION

APPROVED JAN 3 1969, 19
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.

11-11-68 WOC 12 hours, drilled cement retainer at 1700', cleaned out to 1795', no cement.
 11-12-68 Drilling sidetrack hole from 4723' w/gas. 1° @ 4720', 3° @ 4739', 6° @ 4750'.
 11-13-68 Drilling w/gas 5 3/4" @ 4783', 6 3/4" @ 4874', 7 1/4" @ 4905'.
 11-14-68 Reached T.D. of 5627', 10 1/2" @ 5300', 14 1/2" @ 5627'. Logged well.
 11-15-68 T.D. 5627', ran 176 fts. 4 1/2", 10.5", J-55 casing (5617') set at 5627' w/125
 11-16-68 P.B.T.D. 5610', tested casing to 4000#, O.K. Spotted 250 gal 7 1/2% HCL.
 Perforated 5426-36', 5454-66', 5560-68', 5596-5604' w/16 SPZ. Frac w/24,000# 20/40 sand,
 23,750 gallon water. Max pr 4000#, BDP 3400#, avg. tr pr 3000#. I.R. 29.8 BPM.
 dropped 2 sets of 16 balls, flushed w/90 bbls. water. ISIP zero. Set BP @ 5416',
 tested w/3000#, O.K. Perforated 5278-82', 5302-12', 5322-26', 5344-48', 5370-78', 5396-5408',
 frac w/65,000# 20/40 sand, 65,520 gallon water. Max pr 3200#, BDP 1400#, avg tr
 pr 2500#. I.R. 46 BPM. Dropped 5 sets of 16 balls, flushed w/86 bbls. water. ISIP zero
 Set bridge plug at 4910', tested w/3500#, O.K. Perforated 4754-58', 4802-08', 4820-26',
 4844-50', 4886-96' w/16 SPZ charges 4802-4850' did not explode. Frac w/40,000#
 20/40 sand, 40,320 gallon water. Max pr 3400#, BDP 2400#, avg tr pr 3000#. I.R. 40 BI
 Dropped 4 sets of 16 balls, flushed w/78 bbls. water. ISIP 500#, 10 min. zero.
 11-17 Drilled bridge plug, blowing well.
 11-18-68 Cleaning out, tubing parted 11 stands below R.T. Recovered tubing.
 11-19-68 Blew well and ran 166 joints 2 3/8", 4.7#, J-55 tubing, 5249' landed at 5259'
 12-19-68 Date well was tested.



Workover

- 11-9-68 Rigged up Dwinell Bros. rig #1, attempted to pull tubing, tubing stuck.
- 11-10-68 Attempted to cut stuck tubing at 4845', cutter did not cut tubing, stuck cutter, pulled out of rope socket, tubing pulled loose at 60,000#. Pulled 170 joints tubing, due to junk in open hole set cement retainer at 4597', tested 7" casing to 1000# O.K. Squeezed open hole w/200 sacks of cement. Perforated (1) one squeeze hole at 7165', set cement retainer at 1700', squeezed 7" annulus thru perf w/125 sacks cement.
- 11-11-68 WOC 12 hours, drilled cement retainer at 1700', cleaned out to 1795', no cement. Set cement retainer at 1687', re-squeezed w/100 sacks cement. WOC 12 hours, drilled retainer and tested perf at 1765' w/200#, O.K.
- 11-12-68 Drilling sidetrack hole from 4723' w/gas. 1° @ 4720', 3° @ 4739', 6° @ 4750'.
- 11-13-68 Drilling w/gas 5 3/4° @ 4783', 6° @ 4813', 6 3/4° @ 4874', 7 1/4° @ 4905'
- 11-14-68 Reached T.D. of 5627', 10 1/2° @ 5300', 14 1/2° @ 5627'. Logged well.
- 11-15-68 T.D. 5627', ran 176 jts. 4 1/2", 10.5#, J-55 casing(5617') set at 5627' w/125 sacks cement. WOC 18 hours.
- 11-16-68 P.B.T.D. 5610', tested casing to 4000#, O.K. Spotted 250 gal 7 1/2% HCL. Perf 5426-36', 5454-66', 5560-68', 5596-5604' w/16 SPZ. Frac w/24,000# 20/40 sand, 23,750 gallon water. Max pr 4000#, BDP 3400#, avg. tr pr 3000#. I.R. 29.8 BPM. dropped 2 sets of 16 balls, flushed w/90 bbls. water. ISIP zero. Set BP @ 5416', tested w/3000#, O.K. Perf 5278-82', 5302-12', 5322-26', 5344-48', 5370-78', 5396-5408' w/16 SPZ. Frac w/65,000# 20/40 sand, 65,520 gallon water. Max pr 3200#, BDP 1400#, avg tr pr 2500#. I.R. 46 BPM. Dropped 5 sets of 16 balls, flushed w/86 bbls. water. ISIP zero. Set bridge plug at 4910', tested w/3500#, O.K. Perf 4754-58', 4802-08', 4820-26', 4844-50', 4886-96' w/16 SPZ charges 4802-4850' did not explode. Frac w/40,000# 20/40 sand, 40,320 gallon water. Max pr 3400#, BDP 2400#, avg tr pr 3000#. I.R. 40 BI. Dropped 4 sets of 16 balls, flushed w/78 bbls. water. ISIP 500#, 10 min. zero.
- 11-17 Drilled bridge plug, blowing well.
- 11-18-68 Cleaning out, tubing parted 11 stands below R.T. Recovered tubing.
- 11-19-68 Blew well and ran 166 joints 2 3/8", 4.7#, J-55 tubing, 5249' landed at 5259' w/plain seating nipple at 5228', tubing open ended.
- 12-19-68 Date well was tested.

