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TRANSPORTER	OIL	
	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
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☒ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
See back for W/O details

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE
Lease Name **Horton** Lease No. **1** Well No. **1** Pool Name, Including Formation **Blanco Mesa Verde** Kind of Lease **State, Federal or Fee**
Location
Unit Letter **K** ; **1650** Feet From The **South** Line and **1650** Feet From The **West**
Line of Section **29** Township **32-N** Range **11-W** , NMPM, **San Juan** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS
Name of Authorized Transporter of Oil ☐ or Condensate ☒
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 ☐ or Dry Gas ☒
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 **K** Sec. **29** Twp. **32N** Rge. **11W** 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 Rest'v. Diff. Rest'v.
XX
Date Spudded **W/O 11-1-65** Date Compl. Ready to Prod. **11-30-65** Total Depth **5632** R.B.T.D. **XX**
Elevations (DF, RKB, RT, GR, etc.) **6555' GL** Name of Producing Formation **Mesa Verde** Top Gas Pay **4854** C.O. **5617'**
Perforations **4854-58, 4956-60, 4972-76, 4988-92, 5486-90, 5501-05, 5516-24, 5574-82** Tubing Depth **5574**
Depth Casing Shoe **5632**
TUBING, CASING, AND CEMENTING RECORD
HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT
13 3/4" **9 5/8"** **171'** **125 sks.**
8 3/4" **7"** **4815'** **300 sks.**
6 1/8" **4 1/2"** **5632'** **180 sks.**
2 3/8" **5574'** **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 Length of Test Bbls. Condensate/MMCF Gravity of Condensate
9929 MCF/D **3 hours**
Testing Method (pilot, back pr.) Tubing Pressure Casing Pressure Choke Size
Calculated A.O.F. **S.I. 782** **S.I. 782** **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.
OR'G'NAL SIGNED E. S. OBERLY
(Signature)
Petroleum Engineer
(Title)
December 27, 1965
(Date)
OIL CONSERVATION COMMISSION
APPROVED **DEC 29 1965**
BY **Original Signed Emory C. Aradon**
TITLE **Engineering Dept. # 8**
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

- 11-1-65 Pulled all tubing. Casing collapsed at 4590'.
- 11-2-65 Set retainer at 4315'. Squeezed open hole w/300 sks. Class "A" cement, 2% gel, pressured to 2000#. Perf 2 holes at 2095', set cement retainer at 1958'. Squeezed perfs w/150 sks. El Toro class "A" cement, w/3% calcium chloride, final pump pressure 1000#, held 950#.
- 11-3-65 Drilled cement & retainers, tested perfs.
- 11-4-65 Cut window in 7" casing, 4295' to 4319'.
- 11-5-65 Drilling whipstock hole w/gas, 1 1/2" @ 4300', 4" @ 4354'.
- 11-9-65 Reached T. D. of 5632', 2 1/2" @ 5632'. Ran 174 joints 4 1/2", 10.5#, J-55 casing, 5622' set at 5632' w/180 sks. Class "A" cement, 2% gel, 1/4 cu. ft. Gilsomite/sk.
- 11-10-65 Tested casing w/3500#. Perforated Point Lookout 5501-05', 5486-90' w/4 SPF; 5574-82', 5516-24' w/2 SPF, fraced w/40,000# 20/40 sand and 30,700 gallons water w/1# FR-8/1000 gallons. BDP 2000#, tr pr 2200-2350#. Dropped 1 set of 14 balls, flush w/4300 gallons. IR 55 BPM. ISIP vacuum. Set Baker magnesium bridge plug at 5050'. Tested w/3500#. Perf 4988-92', 4972-76', 4956-60', 4854-58' w/4 SPF, fraced w/40,000# 40/60 sand and 32,620 gallons water, 1# FR-8/1000 gallons. BDP 2200#, tr pr 2200#. Dropped 2 sets of 16 balls each & 1 of 32 balls. No ball action, flushed w/3400 gallons, IR 56 BPM. ISIP vacuum.
- 11-11-65 Cleaned out to 5617'. Ran 188 joints 2 3/8", 4.7#, J-55 tubing, 5563.68' landed at 5573.68'.
- 11-30-65 Date well was tested.