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LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRORATION OFFICE	

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

Operator El Paso Natural Gas Company	
Address P. O. Box 990, Farmington, New Mexico	
Reason(s) for filing (Check proper box)	
New Well <input 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"/>
Other (Please explain) See Workover details on back.	

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Hardie	Well No. 1	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee
Location			
Unit Letter B	990	Feet From The North Line and 1650	Feet From The East
Line or Section 26 , Township 29-N , Range 8-W , NMPM, San Juan County			

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
El Paso Natural Gas Company	Box 990, Farmington, New Mexico	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
El Paso Natural Gas Company	Box 990, Farmington, New Mexico	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 26
	Twp. 29N	Rge. 8W
	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:

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 W/O 10-3-65	Date Compl. Ready to Prod. W/O 10-11-65		Total Depth Whipstock 5383		T.D. C.O. 5329'			
Pool Blanco Mesa Verde	Name of Producing Formation Mesa Verde		Top Gas Pay 4610		Tubing Depth 5260			
Perforations 4610-14, 4624-34, 4654-62, 4672-76; 5228-36, 5260-68, 5284-92, 5306-10;					Depth Casing Shoe 5383			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	9 5/8"	174'	125 sks.
8 3/4"	7"	4510'	300 sks.
6 1/8"	4 1/2"	5383'	170 sks.
	2 3/8"	5260'	tubing

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 7,630 MCF/D	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure SIPT 899	Casing Pressure SIPT 899	Choke Size 3/4"

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 E. S. OBERLY

(Signature)

Petroleum Engineer

(Title)

October 25, 1965

(Date)

OIL CONSERVATION COMMISSION

APPROVED **OCT 28 1965**

BY **Original Signed 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 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.

4410', squeezed open hole w/150 sacks regular cement, 2% gel, 1/4 cu. ft. Gilsonite/sk followed by 100 sacks regular, 2% calcium chloride. Final pressure 800#, tested casing w/1000#. O.K.

- 10-4-65 Perf 2 squeeze holes at 2125', set RTTS packer at 1863'. Squeezed perfs w/100 sks. regular cement, 3% HA-5, did not get squeeze pressure. Displaced perfs w/4 bbls. water, re-squeezed w/75 sacks regular cement, 3% HA-5, pressured to 1000#.
- 10-5-65 Drilled cement and retainer. Drilling whipstock hole.
- 10-8-65 Ran 167 joints 4 1/2", 10.5#, J-55 casing, 5372.56' set at 5382.56', w/170 sacks Class "A" cement, 2% gel, w/1/4 cu. ft. fine gilsonite/sk. Top cement by B & R at 2925'.
- 10-9-65 Tested casing w/3500#. Perforated Point Lookout 5306-10', 5284-92', 5260-68', 5228-36' w/16 NCF perfs to section. Fraced w/40,000# 20/40 sand and 52,570 gallons water w/1# FR-8/1000 gallons. BDP 4000#, avg tr pr 2500#, avg tr pr 2500#, max pr 4100#. Dropped 3 sets of 16 balls each. Tr pr 2700-3200-4000-2100#. 4100# after second drop, 4000# after third drop, broke to 2300#. Cut sand and flushed after second and third drop. IR 41 BPM. ISIP 0#. Set Baker magnesium bridge plug at 4800', tested w/4000#. Perforated Cliff House 4672-76', 4654-62', 4624-34', 4610-14' w/16 NCF shots/section. Fraced w/31,000# 20/40 sand and 31,000 gallons water w/1# FR-8/1000 gallons. BDP 2200#, max tr pr 3500#, dropped 3 sets of 16 balls each. Tr pr 2600-2800-3300#. I.R. 42 BPM. ISIP 600#, 5 min 500#.
- 10-11-65 Ran 169 joints 2 3/8", 4.7#, J-55 tubing, 5251.65' landed at 5259.65'.
- 10-20-65 Date well was tested.