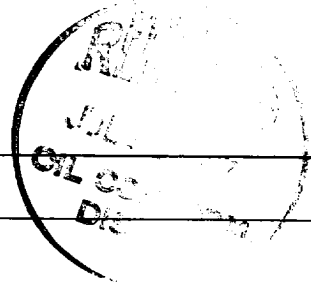


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TRANSPORTER	OIL 1 GAS 1
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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 <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)	

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Howell E	Well No. 1	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. NM 012708
Location				
Unit Letter M	790	Feet From The South	Line and 790	Feet From The West
Line of Section 29	Township 30-N	Range 8-W	, 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"/>	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"/>	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 M	Sec. 29
	Twp. 30-N	Rge. 8-W
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 6-1-67	Date Compl. Ready to Prod. W/O 6-28-67	Total Depth 4836	P.B.T.D. 4802					
Elevations (DF, RKB, RT, GR, etc.) 5791' GL	Name of Producing Formation Mesa Verde	Total Oil/Gas Pay 4228	Tubing Depth 4778					
Perforations 4228-40, 4250-54, 4264-72, 4678-90, 4702-10, 4724-28, 4751-55, 4780-92			Depth Casing Shoe 4836'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	9 5/8"		298'		150			
8 3/4"	6 5/8"		4096'		285			
6 1/4"	4 1/2"		4836'		90			
	2 3/8"		4778'		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 10,304 MCF/D	Length of Test 3 hrs.	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A. O. F.	Tubing Pressure (shut-in) 893	Casing Pressure (shut-in) 898	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 by
Carl E. Matthews

(Signature)

Petroleum Engineer

(Title)

July 14, 1967

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUL 15 1967**, 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.

WORKOVER

- 6-2-67 Pulled tubing & tested 6 5/8" w/1000#, O.K. (Pkr. set @ 3960'). Due to junk in open hole from previous completion, set packer at 3969', squeezed open hole w/300 sks. cement. Final pressure 1200#, held 1000#. Isolated leak in 6 5/8" casing (1403-1434') set cement retainer at 1311'. Squeezed w/200 sacks cement. Final pressure 1100#, no bottom hole flow.
- 6-4-67 Drilled out retainers & cement to 4117'. Drilling sidetrack hole w/gas. 1 1/4" @ 4117', 4 1/2" @ 4124', 4 1/2" @ 4154'.
- 6-5-67 Reached T. D. of 4836'. 3 1/4" @ 4612', 2 1/2" @ 4836'. Ran logs.
- 6-6-67 Ran 148 joints 4 1/2" 10.5#, J-55 casing, 4826' set at 4836' w/90 sks. cement.
- 6-7-67 P.B.T.D. 4802', tested casing to 4000#, O.K. Perf 4678-90, 4702-10, 4724-28, 4751-55, 4780-90 w/16 KX SPZ. Spotted 500 gallon 15% HCL. BDP @ 2600#, Trac w/55,000#
- 6-8-67 20/40 sand, 56,910 gallon water. Tr. pr 2100-2200-2400-2700#. IR 61.2 BFM, dropped 4 sets of 16 balls each. Set B.P. @ 4415', tested w/3000#, O.K.
- 6-9-67 Perf 4228-40, 4250-54, 4264-72' w/16 SPZ. Trac w/28,000# 20/40 sand, 27,090 gallon water. BDP 2000#, tr. pr 2700-2800-3400#. I.R. 49.6 BFM, dropped 2 sets of 16 balls each.
- Ran 152 joints 2 3/8", 4.74', J-55 tubing, 4768' landed at 4778' w/nipple & pin collar on bottom.