

NO. OF COPIES RECEIVED		6
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	1
OPERATOR		2
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

I.

Operator El Paso Natural Gas Company		
Address Box 990k Farmington, New Mexico		
Reason(s) for filing (Check proper box)		Other (Please explain)
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"/>

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Howell C	Well No. 3	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. SF 078596
Location Unit Letter E ; 790 Feet From The North Line and 1650 Feet From The East Line of Section 7 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 B	Sec. 7
	Twp. 30-N	Range 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 6-9-67	Date Compl. Ready to Prod. W/O 6-28-67	Total Depth 5230	P.B.T.D. 5197					
Elevations (DF, RKB, RT, GR, etc.) 6039' GL	Name of Producing Formation Mesa Verde	Top of Gas Pay 4606'	Tubing Depth 5062'					
Perforations 4606-12, 4628-32, 4642-60, 4672-84, 4694-98; 5071-83, 5112-24, 5134-38, 5164-76			Depth Casing Shoe 5230'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12 1/2"	9 5/8"	287'	150					
8 3/4"	6 5/8"	4500'	300					
6 1/4"	4 1/2"	5230'	95					
	2 3/8"	5062	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 8321 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) 829	Casing Pressure (shut-in) 831	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

JUL 19 1967

APPROVED _____, 19

By **Original Signed by Emery C. Arnold**

TITLE **SUPERVISOR DIST. #4**

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

6-9-67 Cut stuck tubing at 4600', pulled tubing, set cement retainer @ 4387'. Tested casing to 1000# O.K. Squeezed open hole w/200 sks. cement. Perit 2 squeeze holes @ 1715'. Set cement retainer @ 1619'. Squeezed through perit w/125 sks. cement. W.O.C. 12 hrs. tested perits to 800#, O.K.
6-10-67 Drilled out retainer and cement to 4510'.
6-11-67 Drilling sidetrack hole w/gas. 1 3/4" @ 4510', 3 1/2" @ 4525', 4 1/2" @ 4570'. Reached T.D. at 5230'. 3" @ 5060', 3" @ 5230'.
6-13-67 Ran 161 lbs. 4 1/2", 10.5# J-55 casing, 5220' set @ 5230' w/95 sks. cement.
6-14-67 P.B.T.D. 5191', tested casing to 4000#. Spotted 250 gallon 15% HCL. Perit 4071-83', 5112-24', 5134-38', 5164-76', w/16 SPZ. Trac w/45,000# 20/40 sand, 45,690 gallon water. BDP 5000#, trip 2000-3000-2500-3200#. I.R. 54.4 BPM, dropped 3 sets of 16 balls each, flushed. Set B.P. @ 4802', tested w/3000#, O.K. Perit 4606-12', 4628-32', 4642-60', 4672-84', 4694-98 w/16 SPZ. Trac w/22,000# 20/40 sand, 22,140 gallon water. BDP 3000#, trip 3000-3900#. I.R. 43 BPM, dropped 2 sets of 16 balls each, flushed.
6-15-67 Blowing well, drilled bridge plug @ 4802'.
6-16-67 Ran 162 joints 2 3/8", 4.7#, J-55 tubing, 5052' landed @ 5062', pin collar & pup joint on bottom.
6-28-67 Date well was tested.