

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

DISTRIBUTION		
SANTA FE	/	
FILE	/	
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL /	
	GAS /	
OPERATOR	/	
PRORATION OFFICE		

I.

Operator El Paso Natural Gas Company	
Address Box 990, Farmington, New Mexico 87401	
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 Mudge	Well No. 70WWO	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, Federal or <u>Eas</u>	Lease No.
Location				
Unit Letter M	798	Feet From The South	Line and 980	Feet From The West
Line of Section 23	Township 31-N	Range 11-W	NMPM, San Juan	County

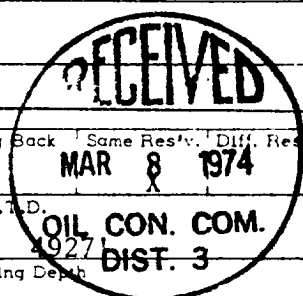
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

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)					
El Paso Natural Gas Company	Box 990, Farmington, New Mexico 87401					
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 87401					
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 23	Twp. 31-N	Rge. 11-W	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:

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				
Date Spudded w/o 10-30-73	Date Compl. Ready to Prod. w/o 2-26-74	Total Depth 4945'	P.B.T.D. 4927'					
Elevations (DF, RKB, RT, GR, etc.) 5732' GL	Name of Producing Formation Mesa Verde	Top of /Gas Pay 3960	Tubing Depth 4904'					
Perforations 3960-68', 3980-92', 4012-28', 4094-4108', 4122-38', 4164-74', 4602-08', 4626-34', 4650-66', 4690-4702', 4724-32', 4744-52', 4790-4802', 4838-54', 4866-76', 4894-4904'			Depth Casing Shoe 4945'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
13 3/4"	9 5/8"	163'	125 sks					
8 3/4"	7 "	4552'	500 sks					
6 1/4"	4 1/2"	4945'	100 sks					
	2 3/8"	4904'	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 4151	Length of Test 3 hours	Bbls. Condensate/ XXX X	Gravity of Condensate 46.6
Testing Method (pitot, back pr.) Calc. A.O.F.	Tubing Pressure (Shut-in) 427	Casing Pressure (Shut-in) 786	Choke Size 4" MR

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.

Allen G. Davis
(Signature)
Drilling Clerk
(Title)
3-6-74
(Date)

OIL CONSERVATION COMMISSION
APPROVED MAR 8 1974, 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.

(OWWO)

- 10-30-73 Moved on Dwinell Brothers Rig #1, killed well, pulled 152 joints 2 3/8" tubing.
- 10-31-73 Set retainer at 4452'. Tested tubing to 3000#, OK., casing to 1000#, O.K. Stung into retainer, could not pump into open hole. No pressure communicated to the tubing casing annulus. Pulled tubing, drilled retainer. Well unloaded large amount of shale and water. Cleaned out to 4619'. Killed well.
- 11-1-73 Ran retainer at 4464'. Tested tubing to 3000#, O.K. Squeezed open hole with 150 sacks cement. Perf'd one squeeze hole at 1275' and set retainer at 1225'. Squeezed through squeeze hole with 125 sacks. Drilled retainer and cement to 4562'.
- 11-2-73 Tested squeeze hole to 1000#, O.K. Started drilling sidetrack at 4562'.
- 11-4-73 Reached TD of 4945'. Logged and ran 153 joints 4 1/2", 10.5#, K-55 production casing, 4932' set at 4945'. Cemented with 100 sacks.
- 11-6-73 PBTD 4927'. Tested casing to 4000#-O.K. Perf'd 4790-4802', 4838-54', 4866-76', 4894-4904' with 16 shots per zone. Frac'd with 36,000# 20/40 sand, 30,240 gallons water, dropped 3 set of 16 balls, flushed with 3318 gallons water. Set bridge plug at 4770' and tested to 3500#-O.K. Perf'd 4602-08', 4626-34', 4650-66', 4690-4702', 4724-32', 4744-52' with 16 shots per zone. Frac'd with 70,000# 20/40 sand and 52,080 gallons water. Dropped 5 sets of 16 balls, flushed with 3192 gallons water. Set bridge plug at 4200' and tested to 3500#-O.K. Perf'd 3960-68', 3980-92', 4012-28', 4094-4108', 4122-38', 4164-74', with 16 shots per zone. Frac'd with 63,000# 20/40 sand and 63,504 gallons water. Dropped 5 sets of 16 balls, flushed with 2688 gallons water.
- 11-7-73 Drilled bridge plugs at 4200' and 4770'.
- 11-8-73 Ran 157 joints 2 3/8", 4.7#, B tubing, 4893' set at 4904'. Seating nipple set 1 joint above bottom.
- 1-11-73 Aztec Well Service swabbed well.
- 2-26-74 Date well was tested.