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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 87401  
Reason(s) for filing (Check proper box)  
New Well ☐ Change in Transporter of:  
Recompletion ☒ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)  
Details on Back

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 30-6 Unit	Well No. 77 (OWWO)	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. SF 079382
Location Unit Letter K ; 1850 Feet From The South Line and 1850 Feet From The West Line of Section 24 Township 30N Range 7W , NMPM, Rio Arriba 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"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico 87401	
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 24
	Twp. 30N	Rge. 7W
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.
		X		X			X	
Date Spudded W/O 7-8-71	Date Compl. Ready to Prod. 8-2-71	Total Depth 5619		P.B.T.D. 5605				
Elevations (DF, RKB, RT, GR, etc.) 6143' GL	Name of Producing Formation Mesa Verde		Top XX/Gas Pay 4942		Tubing Depth 5584			
Perforations 4942-48'; 4958-70'; 5174-82'; 5196-5204'; 5292-5300'; 5334-40'; 5386-98'; 5474-80'; 5522-30'; 5574-82'					Depth Casing Shoe 5619			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
13 3/4"	9 5/8"		179'		125 Sks.			
8 3/4"	7"		4657'		300 Sks.			
6 1/4"	4 1/2"		5619'		125 Sks.			
	2 3/8"		5584'		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 7480 MCF/D	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A. O. F.	Tubing Pressure (Shut-in) 718	Casing Pressure (Shut-in) 870	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.

(Signature)  
Petroleum Engineer  
(Title)  
August 5, 1971  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED AUG 11 1971, 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

- 7-8-71 Moved on Dwinell Brothers Rig #1, cut off stuck tubing at 4757' and set cement retainer at 4576'.
- 7-9-71 Squeezed open hole w/150 sacks of cement. Perforated squeeze hole at 2134', set cement retainer at 2040', squeezed through perf. w/125 sacks of cement. Drilled cement retainer at 2040' and 4576'. Blowing to clean out.
- 7-10-71 Drilling w/sidetrack tools from 4676' to total depth.
- 7-12-71 Reached sidetrack total depth of 5619'.
- 7-13-71 Ran 172 joints 4 1/2", 10.5#, KSSE production casing (5607') set at 5619' w/125 sacks of cement. W.O.C. 18 hours.
- 7-14-71 P.B.T.D. 5605'. Perf. 5174-82', 5196-5204', 5292-5300', 5334-40', 5386-98', 5474-80', 5522-30', 5574-82' w/18 SPZ. Frac w/63,000# 20/40 sand, 53,200 gal. water, dropped 7 sets of 18 balls, flushed w/4200 gal. water. Dropped 7 sets of 18 balls, flushed w/4200 gal. water. Dropped bridging ball to baffle at 5144' and tested to 3500# O. K. Perf. 4942-48', 4958-70' w/18 SPZ. Frac w/30,000# 20/40 sand, 30,000 gal. water, dropped 1 set of 18 balls, flushed w/4800 gal. water.
- 7-15-71 Ran 180 joints 2 3/8", 4.7#, EUE tubing (5574') set at 5584'.
- 8-2-71 Date well was tested.