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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)
See Back for Details

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mansfield	Well No. 1(OWMO)	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee X	Lease No. SP 077833-A
Location Unit Letter M 790 Feet From The South Line and 1190 Feet From The West Line of Section 29 Township 30N Range 9W , 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"/> El Paso Natural Gas Company	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"/> El Paso Natural Gas Company	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. 30N	Rge. 9W
	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 7-18-67	Date Compl. Ready to Prod. 8-9-67		Total Depth 4980'		P.B.T.D. 4956'			
Elevations (DF, RKB, RT, GR, etc.) 5941' GL	Name of Producing Formation Mesa Verde		Top Oil/Gas Pay 4186'		Tubing Depth 4834'			
Perforations 4186-90, 4199-4207, 4237-45, 4255-63, 4314-22, 4330.5-38.5					Depth Casing Shoe 4980'			
4808-20, 4830-34, 4859-63, 4884-92, 4906-10								
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	9 5/8"		172'		125 Sks.			
8 3/4"	7"		4145'		300 Sks.			
6 1/4"	4 1/2"		4980'		115 Sks.			
4 1/2"	2 3/8"		4834'		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 10,251	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (shut-in) 822	Casing Pressure (shut-in) 822	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)

August 22, 1967

(Date)

OIL CONSERVATION COMMISSION
AUG 23 1967

APPROVED _____, 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

18-67 Rigged up Dwinell Bros. rig #1. Cut stuck tubing at 4250', pulled tubing.
19-67 Set cement retainer at 4010', squeezed open hole w/200 sacks cement. Dumped
1 bbl. cement on top of retainer. Perf. 3 squeeze holes at 1460'. set cement
retainer at 1392', squeezed thru perms into 7" annulus w/250 sacks cement.
20-67 Drilling cement.
21-67 Drilling sidetrack hole from 4155' w/gas, 1° at 4155', 6° at 4173', 5 3/4° at
4224'.
22-67 Drilling, 3 1/2° at 4626'.
23-67 Reached total depth of 4980'. 2° at 4980'. Ran 157 joints 4 1/2", 10.5#,
J-55 casing (4970') set at 4980' w/115 sacks cement.
24-67 Cleaned out and logged.
25-67 P.B.T.D. 4956'. Tested casing to 4000# O. K. Spotted 250 gallons 15% HCL.
Perf. Point Lookout 4808-20', 4830-34', 4859-63', 4884-92', 4906-10' w/16
SPZ. Frac w/55,000# 20/40 sand, 56,700 gal. water. Max. pr. 4000#, BDP 2000#,
tr. pr. 2000-2100-2300#. I.R. 58.7 BPM. Dropped 4 sets of 16 balls and 1 set
of 32, flushed w/3696 gal. water. ISIP -0-. Set BP @ 4700', tested w/4000#.
Perf. Cliff House 4186-90', 4199-4207', 4237-45', 4255-63', 4314-22', 4330.5-38.5'
w/16 SPZ, frac w/48,000# 20/40 sand, 48,720 gallons of water. Max. pr. 4000#,
BDP 2600#, tr. pr. 3200-3600-4000#. I.R. 31 BPM. Dropped 5 sets of 16 balls
each, flushed w/2553 gal. water. ISIP 1100#, 5 Min. 400#.
26-67 Ran 158 joints 2 3/8", 4.7#, J-55 tubing (4824') landed at 4834', pin collar
and sub on bottom.
29-67 Date well was tested.