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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 <input type="checkbox"/>	Change In Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	
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 Vandewart A	Well No. 3	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee 2	Lease No. ST 078502
Location				
Unit Letter M	990	Feet From The South	Line and 990	Feet From The West
Line of Section 13	Township 29N	Range 8W	, 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. 13	Twp. 29N	Rge. 8W	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 <input type="checkbox"/>	Gas Well <input checked="" type="checkbox"/>	New Well <input type="checkbox"/>	Workover <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'ty. <input checked="" type="checkbox"/>	Diff. Res'ty. <input type="checkbox"/>
Date Spudded W/O 10-6-68	Date Compl. Ready to Prod. 10-24-68		Total Depth 6010'		P.B.T.D. 5992'			
Elevations (DF, RKB, RT, GR, etc.) 6981' GL	Name of Producing Formation Mesa Verde		Top Oil / Gas Pay 5251'		Tubing Depth 5778'			
Perforations 5251-57, 5336-48, 5351-70, 5404-10', 5798-5810, 5824-36, 5848-52, 5862-66, 5886-98, 5928-32, 5942-46					Depth Casing Shoe 5778' 6010'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
13 3/4"	9 5/8"		171'		150 Sks.			
8 3/4"	7"		5182'		300 Sks.			
6 1/4"	4 1/2"		6010'		125 Sks.			
	2 3/8"		5778'		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 10,861	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (shut-in) 872	Casing Pressure (shut-in) 872	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 F. H. WOOD

(Signature)

Petroleum Engineer

(Title)

October 30, 1968

(Date)

OIL CONSERVATION COMMISSION

OCT 31, 1968

APPROVED

Original Signed by Emery C. Arnold

SUPERVISOR DIST. #9

TITLE

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

- 10-6-68 Rigged up Dwinell Bros. rig #1. Cut stuck tubing off at 5310', left 672' fish in open hole. Set cement retainer at 5074', tested 7" casing to 1000# O. K. Squeezed open hole w/200 sacks of cement. Perf 1 squeeze hole in 7" casing at 2594', set cement retainer at 2537', squeezed 7" annulus through perf w/125 sacks of cement. W.O.C. 12 hours.
- 10-7-68 Drilled out cement retainer at 2537', tested perf w/800# O. K. Blew down to bottom plug.
- 10-8-68 Knocked retainer at 5074' loose, cement not hard enough to drill up retainer on, will cement retainer in the hole. Set cement retainer at 5069', re-squeezed open hole w/100 sacks of cement.
- 10-9-68 Drilled 2' w/knuckle, fell out of good cement. Cleaned out to 5284', set cement retainer at 5069', re-squeezed open hole w/100 sacks of cement.
- 10-10-68 Drilling sidetrack hole from 5191' w/gas. 1° at 5070', 7° at 5209'.
- 10-11-68 Drilling w/gas, 6 1/2° at 5238'.
- 10-12-68 Drilling w/gas.
- 10-13-68 Reached total depth of 6010', 5° at 5700', 3° at 6010'. Ran logs.
- 10-14-68 T.D. 6010'. Ran 196 joints 4 1/2", 10.5#, J 55 casing (6000') set at 6010' w/125 sacks of cement. W.O.C. 18 hours.
- 10-15-68 P.B.T.D. 5992', tested casing to 4000# O. K. Spotted 300 gal. 7 1/2% HCL. Perf. 5798-5810', 5824-36', 5848-52', 5862-66', 5886-98', 5928-32', 5942-46' w/12 SPZ. Frac w/60,000# 20/40 sand, 46,300 gal. water. Max. pr. 4000#, BDP 1400#, tr. pr. 2000-2500-3300#. I.R. 47.8 BPM. Dropped 6 sets of 12 balls, flushed w/7250 gal. water. ISIP -0-. Set BP @ 5440', tested w/3500#. O. K. Perf. 5251-57', 5336-48', 5351-70', 5404-10' w/12 SPZ. Frac w/35,000# 40/60 sand, 28,700 gal. water. Max. pr. 4000#, BDP 1400#, tr. pr. 2500-2700-3400#. I.R. 45.7 BPM. Dropped 3 sets of 12 balls, flushed w/4242 gal. water. ISIP 400#, 5 Min. -0-.
- 10-16-68 Blowing well and drilled bridge plug at 5440'.
- 10-17-68 Ran 186 joints 2 3/8", 4.7#, J-55 tubing (5768') landed at 5778', tubing run open ended w/seating nipple 1 joint up from bottom.
- 10-24-68 Date well was tested.