

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 990, Farmington, New Mexico	
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) See Back for details	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Vandewart	Well No. 1 (OWN)	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee X	Lease No. SF 078502
Location				
Unit Letter M	884	Feet From The South	Line and 1065	Feet From The West
Line of Section 12	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			
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			
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 12	Twp. 29N	Rge. 8W
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 5-13-68	Date Compl. Ready to Prod. 5-28-68		Total Depth 5472		P.B.T.D. 5461'			
Elevations (DF, RKB, RT, GR, etc.) 6315' GL	Name of Producing Formation Mesa Verde		Top xx /Gas Pay 4744		Tubing Depth 5203			
Perforations 4744-48, 4770-74, 4784-92, 4816-22', 5225-31, 5241-53, 5266-78, 5319-27, 5337-49, 5384-92, 5425-29'					Depth Casing Shoe 5472'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	9 5/8"		306'		150 Sks.			
8 3/4"	7"		4666'		300 Sks.			
6 1/4"	4 1/2"		5472'		125 Sks.			
	2 3/8"		5203'		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 13,125	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.P.	Tubing Pressure (shut-in) 885	Casing Pressure (shut-in) 891	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)

June 10, 1968

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JUN 13, 1968**

BY **Original Signed by A. R. Kendrick**

TITLE **PETROLEUM ENGINEER DIST. NO. 8**

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

5-13-68 Rigged up Dwinell Bros. rig #1. Cut stuck tubing at 4759', leaving a 638' fish in open hole. Set cement retainer at 4570', squeezed open hole w/150 sacks of cement.

5-14-68 Located leaks in 7" casing (1975-2654'). Set cement retainer at 1913', squeezed leaks w/275 sacks of cement. W.O.C. 8 hours.

5-15-68 Drilled out cement and retainer at 2688', tested leaks w/700# O. K. Squeezed below Set cement retainer at 2265', tested above w/800# O. K. Squeezed below retainer w/100 sacks of cement. W.O.C. 8 hours. Drilled cement and retainer, tested leaks w/800# O. K.

5-16-68 Drilling sidetrack hole from 4671' w/gas. 1 1/4" at 4671', 2 1/2" at 4678', 2 1/4" at 4688', 2 3/4" at 4693', 3 1/4" at 4698', 3 3/4" at 4731'.

5-17-68 Drilling w/gas, 4" at 4885', 4 1/2" at 5008', 5 1/4" at 5292'.

5-18-68 T. D. 5472'. Ran 169 joints 4 1/2", 10.5#, J-55 casing (5462') set at 5472' w/125 sacks of cement. W.O.C. 18 hours.

5-19-68 P.B.T.D. 5461', tested casing to 4000# O. K. Spotted 500 gal. 7 1/2% HCL. Perf. 5225-31', 5241-53', 5266-78', 5319-27', 5337-49', 5384-92', 5425-29' w/12 SPZ. Frac w/60,000# 20/40 sand, 60,000 gallons of water, max. pr. 4000#, BDP 500#, tr. pr. 500-1600#. Dropped 6 sets of 12 balls each, flushed w/3696 gal. water. I.R. 60 BPM. ISIP - vacuum. Set bridging baffle at 4900'., tested to 3000# O. K. Perf. 4744-48', 4770-74', 4784-92', 4816-22' w/12 SPZ. Frac w/40,000# 40/60 sand, 40,000 gal. water. Max. pr. 4000#, tr. pr. 1500-2000-2500#. I.R. 54 BPM. Dropped 3 sets of 12 balls, flushed w/3050 gal. water. ISIP 600#, 5 Min. -0-.