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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

Operator <b>El Paso Natural Gas Company</b>		
Address <b>Box 990, Farmington, New Mexico</b>		
Reason(s) for filing (Check proper box)		Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:	<b>See Workover Details on back</b>
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"/>	

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Barrett</b>	Well No. <b>3</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease State, Federal or Fee <input checked="" type="checkbox"/>	Lease No. <b>SF 078336-B</b>
Location Unit Letter <b>K</b> ; <b>1550</b> Feet From The <b>South</b> Line and <b>1550</b> Feet From The <b>West</b> Line of Section <b>20</b> Township <b>31N</b> Range <b>9W</b> , NMPM, <b>San Juan</b> 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)
<b>El Paso Natural Gas Company</b>	<b>Box 990, Farmington, New Mexico</b>
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)
<b>El Paso Natural Gas Company</b>	<b>Box 990, Farmington, New Mexico</b>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	<b>K 20 31N 9W</b>

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.
		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
Date Spudded <b>W/O 9-25-66</b>	Date Compl. Ready to Prod. <b>10-11-66</b>	Total Depth <b>5958'</b>	P.B.T.D. <b>C.O. 5931'</b>					
Elevations (DF, RKB, RT, GR, etc.) <b>6648' GL</b>	Name of Producing Formation <b>Mesa Verde</b>	Top Gas Pay <b>5180'</b>	Tubing Depth <b>5898'</b>					
Perforations <b>5180-90, 5207-17, 5226-36, 5618-24, 5646-52, 5666-68, 5709-15, 5748-54, 5790-96, 5834-40, 5860-66, 5916-22</b>			Depth Casing Shoe <b>5958'</b>					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
<b>13 3/4"</b>	<b>9 5/8"</b>	<b>170'</b>	<b>125</b>					
<b>8 3/4"</b>	<b>7"</b>	<b>5050'</b>	<b>500</b>					
<b>6 1/4"</b>	<b>4 1/2"</b>	<b>5958'</b>	<b>125</b>					
	<b>2 3/8"</b>	<b>5898'</b>	<b>Tubing</b>					

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 <b>12,374</b>	Length of Test <b>3 Hrs.</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) <b>Calculated A.O.F.</b>	Tubing Pressure (shut-in) <b>609</b>	Casing Pressure (shut-in) <b>878</b>	Choke Size <b>3/4"</b>

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)

10-18-66

(Date)

OIL CONSERVATION COMMISSION

APPROVED **OCT 21 1966**, 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

8-15-66 Up Twinell Bros. rig #1. Could not pull stuck tubing, cut stuck casing at 5155', left 541' fish in open hole. Set cement retainer at 490', tested 7" casing w/1000# O. K. Squeezed open hole w/350 sks. cement. Perf. 2 holes at 2085', set cement retainer at 1995', squeezed two perfs w/150 sks. cement, re-squeezed w/100 sks. cement. W.O.C. 12 hours. Tested 800#/30 minutes.

8-16-66 Drilling out cement.

8-27-66 Drilled out to 5063', hole making water. Set retainer at 1978', squeezed w/3 sks. cement.

9-28-66 Drilled out to 5065', drilled 4 3/4" sidetrack hole 5065 - 5070'. 1° at 5065'.

9-29-66 Reached 4 3/4" hole to 6 1/4", 5 1/2° at 5079', 5 1/4° at 5110'. Drilling w/gas.

9-30-66 Drilling, 5° at 5617', 1 1/2° at 5958', reached total depth 5958'.

10-1-66 Ran 187 joints 4 1/2", 10.5#, J-55 casing (5948') set at 5958' w/125 sacks cement.

10-2-66 Perf. Lower Point Lookout 5748-54, 5790-96, 5834-40, 5860-66, 5916-22' w/2 SPF Frac w/24,500# 20/40 sand, 30,310 gal. water. Max. pr. 4000#, BDP 2450#, tr. pr. 2100-2300-3400#. I.R. 54 BPM. Dropped 4 sets of 12 balls each, flushed w/4750 gal. water. ISIP 0. Set BP @ 5735', tested plug w/4000# O. K. Perf. Upper Point Lookout 5618-24, 5646-52' w/3 SPF; 5666-68' w/18 SPZ, 5700-15' w/3 SPF, frac w/43,000# 20/40 sand, 41,040 gal. water. Max. pr. 4000#, BDP pump-in, tr. pr. 1800-2300-3900#. I.R. 54 BPM. Dropped 3 sets of 12 balls each, flushed w/3800 gal. water. ISIP vacuum. Set BP @ 5255', tested plug w/4000# O. K. Perf. Cliff House 5180-90', 5207-17', 5226-36' w/2 SPF; frac w/24,000# 20/40 sand, 20,270 gal. water. Max. pr. 4000#, BDP 300#, tr. pr. 2500-2900-3500-4000#. I.R. 51 BPM. Dropped 2 sets of 20 balls each, flushed w/3500 gal. water. ISIP 200#.

10-3-66 Drilled out bridge plug and blowing well.

10-4-66 Re-ran 166 joints old tubing and 25 joints new 2 3/8", 4.7#, J-55 tubing (5888') set at 5898', open ended.

10-11-66 Date well was tested.