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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**  
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 workover details.**

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Riddle C</b>	Lease No. <b>(SF 078319-A)</b>	Well No. <b>1</b>	Pool Name, Including Formation	Kind of Lease State, Federal or Fee <input checked="" type="checkbox"/>
Location Unit Letter <b>K E</b> ; <b>1650</b> Feet From The <b>South</b> Line and <b>500</b> Feet From The <b>West</b> Line of Section <b>30</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"/> <b>El Paso Natural Gas Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>Box 990, Farmington, New Mexico</b>			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>El Paso Natural Gas Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>Box 990, Farmington, New Mexico</b>			
If well produces oil or liquids, give location of tanks.	Unit <b>L</b>	Sec. <b>30</b>	Twp. <b>31N</b>	Rge. <b>9W</b>
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.
		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	
Date Spudded <b>W/O 12-6-65</b>	Date Compl. Ready to Prod. <b>12-29-65</b>	Total Depth <b>Whipstock 5936</b>		22 T.D. <b>C.O. 5918</b>				
Elevations (DF, RKB, RT, GR, etc.,) <b>6689' GL</b>	Name of Producing Formation <b>Mesa Verde</b>	Top Gas Pay <b>5276</b>		Tubing Depth <b>5876</b>				
Perforations <b>5276-84, 5294-98, 5348-52, 5364-72, 5768-76, 5800-08, 5850-58</b>				Depth Casing Shoe <b>5936</b>				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
<b>13 3/4"</b>	<b>10 3/4"</b>		<b>220'</b>		<b>220 Sks.</b>			
<b>8 3/4"</b>	<b>7"</b>		<b>5177'</b>		<b>200</b>	<b>200 Sks.</b>		
<b>6 1/4"</b>	<b>4 1/2"</b>		<b>5936'</b>		<b>140 Sks.</b>			
	<b>2 3/8"</b>		<b>5876'</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>8653</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 <b>SI 758</b>	Casing Pressure <b>SI 903</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.

**CECIL SIGNED F. S. OBERLY**

(Signature)

**Petroleum Engineer**

(Title)

**January 6, 1965**

(Date)

OIL CONSERVATION COMMISSION

APPROVED **JAN 7 1965**, 19

BY

TITLE **Superintendent**

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

12-6-65 Rigged up Dwinell Bros. Rig #1. Pulled tubing in two under donut.  
12-7-65 Recovered all tubing (cork screwed). Set cement retainer at 4866', squeezed open hole w/175 sacks Class "C" cement, 4% gel. Held 1000# on back side. Perforated 2 squeeze holes at 2500'. Set Baker Model "B" retainer at 2352', squeezed w/125 sacks El Toro cement, 2% calcium chloride. 100 sacks into annulus. Final pump pressure 1100#, held 1000#.  
12-8-65 Drilled out cement and retainer. Set whipstock at 4825'. Milling window in 7" casing.  
12-9-65 Drilled whipstock hole to 4899', hole wet. 2 1/4" @ 4870'.  
12-10-65 Set cement retainer at 4715', squeezed w/100 sacks El Toro Class "A" cement, w/2% calcium chloride, final squeeze pressure 3000#, held 1000# on back side. Drilling whipstock hole w/gas, 2° at 4900', 2° at 4936'.  
12-11-65 Drilling, 2 1/2° at 5022'.  
12-12-65 Drilling, 2 1/2° at 5190'.  
12-13-65 Drilling.  
12-14-65 Reached total depth of 5936', 1/2° at 5936'. Ran 184 joints 4 1/2", 10.5", J-55 casing (5928') set at 5936' w/140 sacks Class "A" cement, 2% gel, 1/4 cu. ft. fine Gilsonite/sk., preceded w/20 bbls. gel water.  
12-15-65 Tested casing w/4000#, perforated Point Lookout 5850-58', 5800-08', 5768-76' w/3 SDJ/ft. HOWCO fraced w/36,000# 20/40 sand and 36,200 gallons wtr. w/2# FR-8/1000 gallons. Tr. pr. 2200-2500-3600#. Dropped 2 sets of 24 balls each. Flush w/4400 gallons. I.R. 49.2 BPM. ISIP 200# - 0#. Set drillable bridge plug at 5422'. Perforated Cliff House 5364-72' w/2, 5348-52', 5294-98' w/4, 5276-84' w/2 SDJ/ft. Fraced w/40,000# 20/40 sand and 29,200 gallons water w/2# FR-8/1000 gallons. Tr. pr. 2400-2900-4000#. Dropped 3 sets of 16 balls each. Flush w/3800 gallons. I.R. 42 BPM. ISIP 400# - 0#.  
12-16-65 Blowing well, cleaning out.  
12-17-65 Ran 185 joints 2 3/8", 4.6#, J-55 tubing, 5866.10' landed at 5876.10'. SN at 5860'.  
12-29-65 Date well was tested.