

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

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SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS 1
OPERATOR	2
PRORATION OFFICE	

I.

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: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Recompletion <input checked="" type="checkbox"/>	<b>See Back for details.</b>
Change in Ownership <input type="checkbox"/>	

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Mudge</b>	Well No. <b>6</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 078040</b>
Location Unit Letter <b>M</b> ; <b>1033</b> Feet From The <b>South</b> Line and <b>869</b> Feet From The <b>West</b> Line of Section <b>11</b> Towship <b>31N</b> Range <b>11W</b> , NMFM, <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.	Init <b>M</b> Sec. <b>11</b> Twp. <b>31N</b> Rge. <b>11W</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 11-7-66</b>	Date Compl. Ready to Prod. <b>11-23-66</b>	Total Depth <b>5284'</b>		P.B.T.D. <b>5253</b>				
Elevations (DF, RKB, RT, GR, etc.) <b>6012' GL</b>	Name of Producing Formation <b>Mesa Verde</b>	Top Oil/Gas Pay <b>4419'</b>		Tubing Depth <b>5226'</b>				
Perforations <b>4419-33, 4443-50, 5057-62, 5141-47, 5169-</b>	Perforations <b>4973-83, 4997-5007, 5023-28, 5041-46, 5, 5186-90, 5234-42</b>		Depth Casing Shoe <b>5284'</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>172'</b>		<b>125 Sks.</b>		
<b>8 3/4"</b>		<b>7"</b>		<b>4280'</b>		<b>500 Sks.</b>		
<b>6 1/8"</b>		<b>4 1/2"</b>		<b>5284'</b>		<b>125 Sks.</b>		
		<b>2 3/8"</b>		<b>5226'</b>		<b>Tubing</b>		

V. TEST DATA AND REQUEST FOR ALLOWABLE (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>17,420</b>	Length of Test <b>3 Hours</b>	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) <b>Calculated A.O.F.</b>	Tubing Pressure (Shut-in) <b>869</b>	Casing Pressure (Shut-in) <b>874</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 by

(Signature)

Petroleum Engineer

12-7-66

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED **DEC 9 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

11-7-66 Rigged up S. S. Reames rig #11, pulling on tubing (stuck).  
11-8-66 Could not pull tubing, cut stuck tubing at 4370' and pulled. Left 662' fish in open hole. Set cement retainer at 4161' tested w/1000# O. K. Squeezed open hole w/300 sacks cement. Perf. 2 squeeze holes at 1025', broke circulation through Bradenhead, cemented w/125 sacks cement, tested w/600#, bled off to -0-. Re-squeezed perfs at 1025' w/100 sacks cement, tested perfs w/800# O. K.  
11-9-66 Drilling cement, blowing well.  
11-10-66 Drilled 4 3/4" sidetrack hole (4280-4296'). 1/2° at 4270'.  
11-11-66 Reamed out 4 3/4" hole to 6 1/4" hole. 5° at 4296'.  
11-12-66 Drilling w/gas. 4 3/4° at 4331', 3 1/4° at 4495', 2° at 5010'. Reached total depth of 5284'. Ran logs.  
11-13-66 Ran 164 joints 4 1/2", 10.5#, J-55 casing (5274') set at 5284' w/125 sacks cement, preceded cement w/10 bbls. gel water. W.O.C. 18 hours.  
11-14-66 Tested casing w/4000# O. K. Perf. Lower Point Lookout 5141-47, 5169-75, 5186-92, 5234-42' w/18 SPZ, frac w/15,000# 20/40 sand, 20,480 gallons of water. ;Max pr. 4000#, BDP 2600#, tr. pr. 1800-2400-4000#. I.R. 50 BPM. Dropped 3 sets of 18 balls each, flushed w/4400 gal. water. ISIP -0-. Set BP @ 5089', tested w/4000# O. K. Perf. Upper Point Lookout 4973-83', 4997-5007, 5023-28, 5041-46, 5057-62 w/15 SPZ, FRAC w/50,000# 20/40 sand, 50,000 gal. water. Max. pr. 4000#, BDP pump in, tr. pr. 1600-2100-3000#. I.R. 59 BPM. Dropped 4 sets of 15 balls each, flushed w/4010 gal. water. ISIP vacuum Set bridge plug at 4465', tested w/4000# O. K. Perf. Cliff House 4419-33, 4443-50 w/21 SPZ, FRAC w/18,000# 20/40 sand, 16,100 gal. water, max. pr. 4000#, BDP 1900#, tr. pr. 2100-2600#. I.R. 56 BPM, dropped 1 set of 21 balls, flushed w/3000 gal. water. ISIP 150#.  
11-15-66 Blowing well.  
11-16-66 Re-ran 127 joints and 40 joints new 2 3/8", 4.7#, J-55 tubing (5216") set at 5226'. Pin collar at 5224'.  
11-23-66 Date well was tested.