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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)		Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:	See Back for Workover Details
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 Atlantic	Well No. 4	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee <input checked="" type="checkbox"/>	Lease No. NM 013688
Location				
Unit Letter L	1595	Feet From The South	Line and 890	Feet From The West
Line of Section 25	Township 31N	Range 10W	, 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"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico	
If well produces oil or liquids, give location of tanks.	Unit L Sec. 25 Twp. 31N Rge. 10W	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'v. <input checked="" type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
Date Spudded W/O 10-12-66	Date Compl. Ready to Prod. 10-28-66		Total Depth 5772'		P.B.T.D. C.O. 5736'			
Elevations (DF, RKB, RT, GR, etc.) 6384' GL	Name of Producing Formation Mesa Verde		Top of Gas Pay 4898		Tubing Depth 5703'			
Perforations 4898-4908, 4918-28, 5426-38, 5472-84, 5501-13, 5521-27, 5555-63, 5635-43, 5655-63, 5690-98					Depth Casing Shoe 5772'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	9 5/8"		174'		175 Sks.			
8 3/4"	7"		4781'		300 Sks.			
6 1/4"	4 1/2"		5772'		125 Sks.			
	2 3/4"		5693'		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 11,571	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 595	Casing Pressure (Shut-in) 855	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 by
Carl E. Matthews

(Signature)

Petroleum Engineer

(Title)

November 4, 1966

(Date)

OIL CONSERVATION COMMISSION

NOV - 8 1966

APPROVED _____, 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

10-12-66 Rigged up Dwinell Boos. rig #1. Pulled tubing.
10-13-66 Set cement retainer at 4655', squeezed open hole w/325 sacks cement. Found hole in 7" casing at 1950'. Set cement retainer at 1834', squeezed hole w/150 sacks cement. Found hole in 7" (184-214') circulated through bradenhead, cemented w/75 sacks cement. W.O.C. 12 hours. Tested casing O. K.
10-14-66 Drilled out retainers and cement to 4786'.
10-15-66 Drilled 4 3/4" sidetrack hole (4786-4803'). Reamed out 4 3/4" hole to 6 1/4". 2° at 4786', 7 1/4° at 4803', 7° at 4817'. Drilling w/gas.
10-16-66 Drilling. 4 1/2° at 5305'.
10-17-66 Reached total depth of 5772', 2 1/2° at 5772'. Ran logs.
10-18-66 Ran 180 joints 4 1/2", 10.5#, J-55 casing (5762') set at 5772' w/125 sacks cement. W.O.C. 18 hours.
10-19-66 Perf. Lower Point Lookout 5555-63', 5635-43', 5655-63, 5690-98' w/2 SPF, frac w/50,000# 20/40 sand, 50,000 gal. water. Max. pr. 4000#, BDP 4000#, tr. pr. 1900-2600-3000#. I.R. 45 BPM. Dropped 3 sets of 16 balls each, flushed w/4050 gal. water. ISIP -0-. Set bridge plug at 5543', tested w/4000# O. K. Perf. Upper Point Lookout 5426-38, 5472-84, 5501-13, 5521-27 w/24 SPZ. Frac w/50,000# 20/40 sand, 57,890 gal. water. Max. pr. 4000#, BDP 1800#, tr. pr. 2000-3350-4000#. I.R. 36 BPM. Dropped 3 sets of 24 balls each, flushed w/2400 gal. water. ISIP -0-. Set bridge plug at 4936', tested w/4000# O. K. Perf. Cliff House 4898-4908, 4918-28' w/2 SPF, frac w/30,000# 40/60 sand, 28,730 gal. water. Max. pr. 4000#, BDP 2600#, tr. pr. 2200-2400-2800#. I.R. 51 BPM. Dropped 1 set of 20 balls, flushed w/3310 gal. water. ISIP 150#, 5 Min. -0-.
10-20-66 Drilling plugs, blowing well.
10-21-66 Re-ran 171 joints 2 3/8", 4.7#, J-55 tubing and 15 joints Class "B" total of 186 joints (5693') landed at 5703'. Pin @ 5702'.
10-28-66 Date well was tested.