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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 Workover Details on Back

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Day A	Well No. 1	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee X	Lease No. SF 078414
Location Unit Letter A ; 990 Feet From The North Line and 990 Feet From The East Line of Section 17 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"/> 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 A	Sec. 17	Twp. 29N	Rge. 8W	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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X		X			X	
Date Spudded W/O 7-28-66	Date Compl. Ready to Prod. 8-15-66	Total Depth 5590'	P.B.T.D. C.O. 5550'					
Elevations (DF, RKB, RT, GR, etc.) 6454' GL	Name of Producing Formation Mesa Verde	Toprock/Gas Pay 4730	Tubing Depth 5517					
Perforations 4730-42, 4760-72, 4787-98, 5328-40, 5352-56, 5367-79, 5391-5403, 5414-22, 5444-52, 5482-90, 5536-40 44			Depth Casing Shoe 5590'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
14"	10 3/4"		170'		100 Sks.			
9"	7"		4660'		200 Sks.			
6 1/4"	4 1/2"		5590'		125 Sks.			
	2 3/8"		5517'					

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 11,898	Length of Test 3 Hours	Bbls. Condensate/MMCF 839	Gravity of Condensate 50.3
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 415	Casing Pressure (Shut-in) 839	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)

September 6, 1966

(Date)

OIL CONSERVATION COMMISSION

APPROVED **SEP - 8 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

7-28-66 Rigged up Dwinell Bros. rig #1. Pulled tubing, set cement retainer at 4564', squeezed open hole w/250 sacks cement. Perf. squeeze hole at 2180', set retainer at 2071', squeezed thru perf. w/125 sacks cement.

7-29-66 Re-squeezed through perf. at 2071' w/100 sks. cement.

7-30-66 Hole got wet below 7" casing. Re-squeezed open hole w/150 sacks cement.

7-31-66 Drilled out cement to 4670'. Drilled 4 3/4" sidetrack hole to 4691'. Reamed out 4 3/4" hole to 6 1/4", 5 1/4" @ 4691'.

8-1-66 Drilling w/gas, 4° @ 4741'.

8-2-66 Drilling, 3° @ 5200', 2 3/4° @ 5550'.

8-3-66 Reached total depth of 5590'. Ran 173 joints 4 1/2", 10.5# J-55 casing (5577') set at 5590' w/125 sacks cement preceded by 30 barrels of gel water.

8-4-66 Perf. Lower Point Lookout 5444-52, 5482-90, 5536-44 w/2 SPF, frac w/9,000# 20/40 sand, 9520 gallons of water w/2# FR-8/1000 gal. Max. pr. 4000#, BDP 0, tr. pr. 2100-2600#. I.R. 49 BPM. Dropped 1 set of 16 balls, pressure went to 4000# when balls hit. Could not release balls or break formation w/4500#. Cleaned out sand to 5442'. Pressured to 3500# on sand bridge. Perf. Point Lookout 5328-40, 5352-56, 5367-79, 5391-5403, 5414-22 w/16 shots/zone. Frac w/50,000# 20/40 sand, 51,310 gallons of water w/2# FR-8/1000 gal. Max. pr. 2800#, BDP vacuum. Tr. pr. 1700-2000-2100-2300-2800#. I.R. 54.4 BPM. Dropped 4 sets of 16 balls each, flush w/4100 gal. water. ISIP 0, 5 Min. SIP 0, Set bridge plug at 5100', tested w/ 3500#, perf. Cliff House 4730-42, 4760-72, 4787-98' w/18 shots/zone, frac w/24,000# 20/40 sand, 23,870 gallons of water w/2# FR-8/1000 gal. Max. pr. 2700#, BDP 1700#, tr. pr. 2000-2400-2600#. I.R. 48 BPM. Dropped 2 sets of 16 balls each, flushed w/3400 gallons of water. ISIP 600#, 5 Min. SIP 250#.

8-5-66 Blowing well.

8-6-66 Blowing well.

8-7-66 Ran 179 joints 2 3/8", 4.7#, J-55 tubing (5506') set at 5517'. Pin collar and nipple on bottom.

8-15-66 Date well was tested.