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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 1-1-63

Operator El Paso Natural Gas Company	
Address Box 990, Farmington, New Mexico	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well ☐	Change in Transporter of:
Recompletion ☒	Oil ☐ Dry Gas ☐
Change in Ownership ☐	Casinghead Gas ☐ Condensate ☐

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Pierce A	Well No. 1	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal, or Free ☒	Lease No. ST 078125-B
Location				
Unit Letter N	790	Feet From The South	Line and 1557	Feet From The West
Line of Section 13	Township 30N	Range 10W	, NMPM, San Juan County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	Box 990, Farmington, New Mexico - 87401
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	Box 990, Farmington, New Mexico - 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. N 13 30N 10W

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	Some Re-Perf.	Diff. Res'v.
		☒		☒				☒
Date Spudded 7-11-68	Date Compl. Ready to Prod. 8-8-68	Total Depth 5618'	F.B.T.D. 5606'					
Elevations (DF, RKB, RT, GR, etc.) 6339' OL	Name of Producing Formation Mesa Verde	Top Oil/Gas Pay 4618'	Tubing Depth 5201'					
Perforations 4618-30, 4654-60, 4676-82, 4730-36, 5233-39, 5252-58, 5298-5304', 5322-28', 5343-55, 5409-13, 5453-57, 5474-78'		Depth Casing Shoe 5618'						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET		SACKS CEMENT				
12 1/4"	9 5/8"	147'		100 Sks.				
8 3/4"	6 5/8"	4565'		300 Sks.				
5 7/8"	4 1/2"	5618'		125 Sks.				
	2 3/8"	5201'		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 5225 MCF/D	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 777	Casing Pressure (Shut-in) 777	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)

X Petroleum Engineer

(Title)

El Paso Natural Gas Company

(Date)

August 14, 1968

OIL CONSERVATION COMMISSION

AUG 15 1968

APPROVED _____ 19 _____

BY **Original Signed by Emery C. Arnold**

SUPERVISOR DIST. #3

TITLE _____

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

8-11-68 Riggd up Dwinell Bros. rig #1, cut stuck tubing at 4545', pulled 147 joints, cleaned out with mud.
7-12-68 Jarred fish loose and recovered all tubing.
7-16-68 Drilling new hole from 5477'. Stuck drill pipe at 5533'.
7-17-68 Backed off drill pipe at 5226', left 10 drill collars in hole, could not recover fish.
7-18-68 Spotted 160 sack cement plug on top of fish at 5226'.
7-19-68 Set cement retainer at 4460'. Squeezed open hole w/200 sacks of cement.
7-20-68 Drilling sidetrack hole from 4575' w/gas. 1" at 4560', 4 1/2" at 4594', 4 3/4" at 4609', 5 1/2" at 4670'.
7-21-68 6" at 4894', 7" at 5200'. Drilling.
7-22-68 Reached total depth of 5618', 4 1/2" at 4618'. Ran 180 joints 4 1/2" at 5618'.
7-23-68 J-55 casing (5608') set at 5618' w/125 sacks of cement.
7-24-68 W.O.C. circulated out casing.
P.B.T.D. 5606', tested casing to 4000# O.K. Spotted 300 gal. 7 1/2" HCL. Perfr. 5409-13', 5453-57', 5474-78' w/12 SPZ. Frac w/16,000# 20/40 sand at 1 1/2" gal. Dropped 2 sets of 12 balls. Avg. I.R. 53 BPM at 2400#. Set bridging ball to barrier at 5386', tested to 3800# O.K. Perfr. 5233-39', 5252-58', 5298-5304', 5322-28', 5343-55' w/12 SPZ. Frac w/36,000# 20/40 sand at 1 1/2" gal. Dropped 4 sets of 12 balls. Avg. I.R. 53 BPM at 2800#. Set bridge plug at 4800'. Perfr. 4618-30', 4654-60', 4676-82', 4730-36' w/18 SPZ. Frac w/50,000# 40/60 sand at 1 1/2" gal. Avg. I.R. 53 BPM at 2800#. Dropped 3 sets of 18 balls, good ball action all stages.
7-25-68 Blowing well, drilled bridge plug.
7-26-68 Ran 169 joints 2 3/8", 4.7#, J-55 tubing (5191') landed at 5201' w/SN 1 joint up and pump-out plug in bottom.
8-8-68 Date well was tested.