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TRANSPORTER	OIL	
	GAS	
OPERATOR		
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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

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 Vandewart A	Well No. 1	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, ☒ Federal or Fee
Location			
Unit Letter A ; 990 Feet From The North Line and 990 Feet From The East			
Line of Section 11 , Township 29N Range 8W , 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	
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	
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 11
	Twp. 29N	Rge. 8W
	Is gas actually connected? No 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.
		☒		☒			☒	
Date Spudled W/O 9-21-65	Date Compl. Ready to Prod. W/O 10-3-65		Total Depth Whipstock 5415'		P.B.T.D. C.O. 5405'			
Pool Blanco Mesa Verde	Name of Producing Formation Mesa Verde		Top XX /Gas Pay 4681'		Tubing Depth 5370'			
Perforations 4681-85, 4688-92, 4797-4805, 4831-39, 5318-22, 5332-36, 5346-54, 5474-78					Depth Casing Shoe 5415'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	9 5/8"		172'		125 Sacks			
8 3/4"	7"		4658'		300 Sacks			
6 1/8"	4 1/2"		5415'		150 Sacks			
	2 3/8"		5370'		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 10,144	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure 558	Casing Pressure 933	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 E. S. OBERLY

(Signature)

Petroleum Engineer

(Title)

October 22, 1965

(Date)

OIL CONSERVATION COMMISSION

APPROVED **NOV 2 1965**, 19

BY **Original Signed 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 Sections I, II, III, and VI only 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.

9-22-65 Cut stuck tubing at 4775'. Set cement retainer at 4560'. Squeezed open hole w/200 sacks regular cement, 1/4 cu. ft. Gilsontite/sk., pressured to 3800#, held 1200# on back side. Perf. 2 squeeze holes at 2165', set retainer at 2040', squeezed w/75 sacks regular cement, 3% calcium chloride, pressured to 600#, over-displaced and pumped 10 bbls. water through perfs. Squeezed w/100 sacks regular cement, 3% calcium chloride, pressured to 700#, held 615#. Drilled 14" on retainer in 2 hours, then made no progress for next hour. Circulated out 10M and muddy water. Pumped in 4 BPM at 350#, then pressure increased and held 750#. Pulled bit and found outer teeth on all cones flattened and cones larger than gauge. Ran Baker sand line drill, made no progress on first and second runs, then started recovering pieces of retainer, Baker bit was severely damaged. Ran Baker drill and recovered most of retainer and 3' of cement.

9-24-65 Set packer at 1892', put 200# on backside and squeezed hole in casing w/75 sacks Class "A" cement w/3% HA-5. Max. pr. 3000#, held 2200#, left 4 bbls. cement in 7" casing. Drilled cement to 2070', tested casing to 1000# O. K. Drilled cement to 2170', tested casing, pumped in at 750#. Set packer at 1987', put 2000# on backside, pumped in 3 BPM at 1700#, squeezed w/75 sacks Class "A" cement w/3% HA-5, pressured to 2000#, left 1 1/2 Bbls. cement in casing. Tested casing to 900#, bled off to 750# in 5 minutes.

9-26-65 Drilled cement and retainer, blew casing to 2580', made some water, water quit but no dust.

9-27-65 Set packer at 2260', pressured on perfs at 2165' and hole at 2040' w/1500# O. K., pressured below packer w/2000# O. K.

9-28-65 Whiptocked hole at 4674'.

9-30-65 Whiptock total depth 5415'. Ran 168 joints 4 1/2", 10.5#, J-55 casing (5405') set at 5415' w/150 sacks Class "A" cement, 2% gel, 1/4 cu. ft. Gilsontite/sk.

10-1-65 Perforated 5318-22', 5332-36', 5346-54', 5474-78' w/4 SRF; traced w/40,000# 20/40 sand and 40,000 gallons water. I.R. 38 BPM. Max. pr. 4000#, BDP 1500#, avg. tr. pr. 2900#. Dropped 2 sets of 16 balls each. ISIP 300# - vacuum. Set bridge plug at 4900' and tested w/4000#.

Perforated 4688-92', 4681-85' w/4 SRF; 4797-4805', 4831-39' w/2 SRF, traced w/43,000 gallons of water and 40,000# 40/60 sand. Avg. tr. pr. 2700#. I.R. 41 BPM. Dropped 3 sets of 16 balls each. ISIP 300# - vacuum.

10-2-65 Drilled bridge plug, cleaning out.

10-3-65 Cleaned out to 5405', ran 17 1/4 joints 2 3/8", 4.7#, J-55 tubing (5360') landed at 5370' w/cross pin collar and nipple on bottom w/rubber pump cut plug.

10-13-65 Date well was tested.