

NO. OF COPIES RECEIVED		6
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	1
	GAS	1
OPERATOR		2
PRORATION OFFICE		

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-11
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 Riddle D	Well No. 4	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, <input checked="" type="checkbox"/> Federal or Fee	Lease No. ST 078386
Location Unit Letter A ; 990 Feet From The North Line and 990 Feet From The East Line of Section 22 Township 31N Range 9W , 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. 22 Twp. 31N Rge. 9W	Is gas actually connected? <input type="checkbox"/> When

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 W/O 9-15-66	Date Compl. Ready to Prod. 10-13-66	Total Depth 5957'	P.B.T.D. C.O. 5926'					
Elevations (DF, RKB, RT, GR, etc.) 6478' GL	Name of Producing Formation Mesa Verde	Total Gas Pay 5160'	Tubing Depth 5904'					
Perforations 5160-64, 5189-93, 5202-06, 5213-17, 5583-89, 5596-5602, 5630-42, 5674-80, 5700-04, 5714-20, 5762-66, 5821-25, 5856-62, 5910-22		Depth Casing Shoe 5957'						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
13 3/4"	9 5/8"	170'	125 Sks.					
8 3/4"	7"	5047'	300					
6 1/4"	4 1/2"	5957'	120					
	2 3/8"	5904'	Tubing					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

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 12,245	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 801	Casing Pressure (Shut-in) 817	Choke Size 3/4"

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 **F. H. WOOD**

(Signature)

Petroleum Engineer

October 18, 1966

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED **OCT 21 1966**, 19

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

TITLE **SUPERVISOR DIST. #3**

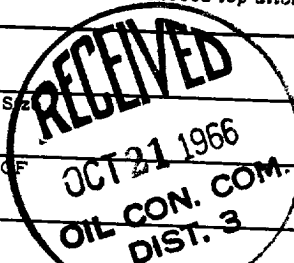
This form is to be filed in compliance with RULE 1104.

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 multipiv completed wells.



WORKOVER

9-15-66 Rigged up Dwinell Bros. rig #1. Pulled on tubing, tubing stuck, cut off at 5160'. Pulled 167 joints, left 548' fish in open hole.

9-16-66 Set retainer at 4921', tested 7" casing w/1000#. Squeezed open hole and fish w/325 sacks cement. Perf. 2 squeeze holes at 2015', set retainer at 1900', block squeezed w/125 sacks cement.

9-17-66 Set packer at 2080' tested 7" casing to 1500#. Re-squeezed perfs at 2015' w/100 sacks cement. W.O.C. 12 hours. Drilled retainers and cement to 5057', 3/4° at 5057'.

9-18-66 Drilled 4 1/4" sidetrack hole 5057-5083'. Reamed 4 1/4" hole to 6 1/4", 3 1/2° at 5075', 5 3/4° at 5083', 5 3/4° at 5102'.

9-19-66 Drilling w/gas, 2 3/4° at 5611'.

9-20-66 Reached total depth of 5957'. Ran logs.

9-21-66 Ran 187 joints 4 1/2", 10.5#, J-55 casing (5947') set at 5957' w/120 sacks cement.

9-22-66 Tested casing to 4000#, perf. Lower Point Lookout 5700-04, 5714-20, 5762-66, 5821-25, 5856-62, 5910-22 w/16 SPZ. Frac w/25,000# 20/40 sand, 22,350 gallons of water. Max. pr. 4000#, BDP pump-in, tr. pr. 2000-2250-4500#. I.R. 55 BPM. Dropped 4 sets of 16 balls, balled off on fourth drop. Flushed w/2100 gallons of water. Set BP 5686', tested w/4000#. Perf. Upper Point Lookout 5583-89, 5596-5602' w/3 SPF, 5630-42' w/18 shots, 5674-80' w/3 SPF, frac w/42,000# 20/40 sand, 49,400 gallons of water. Max. pr. 4000#, BDP 1000#, tr. pr. 2000-2600-4000#. I.R. 45 BPM. Dropped 3 sets of 18 balls, flushed w/3810 gallons water. ISIP vacuum. Set bridge plug at 5225', tested w/4000#. Perf. Cliff House 5160-64, 5189-93, 5202-06, 5213-17 w/4 SPF. Frac w/30,000# 20/40 sand, 28,500 gallons of water. Max. pr. 4000#, BDP 2300#, tr. pr. 1800-2600-3400#. I.R. 45 BPM. Dropped 3 sets of 16 balls, flushed w/3490 gallons of water. ISIP 400#, 5 Min. vacuum.

9-23-66 Drilling plugs and blowing well.

9-24-66 Blowing well.

9-25-66 Re-ran 167 joints 2 3/8" tubing and 24 joints new 2 3/8", 4.7#, J-55 casing (5894') landed at 5904'. Pin collar and open ended nipple on bottom.

10-13-66 Date well was tested.