

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS



SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

I. Operator
El Paso Natural Gas Company

Address
Box 990, Farmington, New Mexico - 87401

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change In Transporter of:		Other (Please explain)
Recompletion	<input checked="" type="checkbox"/>	Oil	<input type="checkbox"/>	See Back for Details
Change In Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>	
		Dry 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 Gartner	Well No. 4	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. SF 080597
Location Unit Letter <u>H</u> ; <u>1650</u> Feet From The <u>North</u> Line and <u>1090</u> Feet From The <u>East</u> Line of Section <u>33</u> Township <u>30N</u> Range <u>8W</u> , NMPM, <u>San Juan</u> 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"/>	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 <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	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 H	Sec. 33	Twp. 30N	Rge. 8W	Is gas actually connected?	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 8-7-67	Date Compl. Ready to Prod. W/O 8-23-67	Total Depth 5544'	P.B.T.D. 5521'					
Elevations (DF, RKB, RT, GR, etc.) 6321' GL	Name of Producing Formation Mesa Verde	Top 500 /Gas Pay 4776	Tubing Depth 5389'					
Perforations 4776-82, 4798-4810, 4838-44, 4874-86. 5270-88'. 5306-10, 5328-32, 5354-66, 5376-82, 5406-12			Depth Casing Shoe 5544'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
13 3/4"	9 5/8"	177'	115 Sks.					
8 3/4"	7"	4677'	300 Sks.					
6 1/4"	4 1/2"	5544'	115 Sks.					
4 1/2"	2 3/8"	5389'	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 17,448 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) 643	Casing Pressure (Shut-in) 858	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 F. H. WOOD

(Signature)

Petroleum Engineer

(Title)

August 2 31, 1967

(Date)

OIL CONSERVATION COMMISSION

APPROVED SEP 5 1967, 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

WORKOVER

- 8-7-67 Rigged up Dwinell Bros. rig #1, pulled tubing, set cement retainer at 4540', tested 7" casing, could pump in at 4 BPM @ 600#. Squeezed open hole w/200 sacks of cement.
- 8-8-67 Located leaks in 7" casing at 1540' and 1610'. Set cement retainer at 1480', squeezed leaks w/150 sacks cement. W.O.C. 18 hours, drilled cement and retainer, tested leaks w/800# O. K.
- 8-9-67 Drilled cement and retainer at 4540' to 4687'.
- 8-10-67 Drilling sidetrack hole w/gas. 2° at 4687', 7° at 4702', 6 1/2° @ 4739'.
- 8-11-67 Drilling, 4 1/2° at 5225'.
- 8-12-67 Reached total depth of 5544', 4 1/2° at 5544'. Ran 173 joints 4 1/2", 10.5#, J-55 casing (5534') set at 5544' w/115 sacks cement.
- 8-13-67 Cleaned out to 5521'. Waiting on frac water.
- 8-14-67 P.B.T.D. 5521'. Tested casing to 4000#. Perf. 5276-88', frac w/20,000# 20/40 sand, 20,000 gal. water at 64 BPM. Perf. 5306-1-', 5328-32', 5354-66', 5376-82', 5406-12' w/16 SPZ. Dropped 18 balls and pumped to zone 5276-88'. Frac w/50,000# 20/40 sand, 54,060 gallons of water. Dropped 3 drops of 16 balls and 1 set of 32. Tr. pr. 1800-1600-1800#. I.R. 70 BPM. Set bridge plug at 4900', tested to 3500# O. K. Perf. 4776-82', 4798-4810', 4838-44', 4874-86' w/18 SPZ, frac w/34,000# 20/40 sand, 36,050 gallons of water. Dropped 3 ball drops of 18 each. BDP 2800#, tr. pr. 1600-1800-2000#. I.R. 66 BPM. ISIP -0-.
- 8-15-67 Blowing well.
- 8-16-67 Ran 171 joints 2 3/8", 4.7#, J-55 tubing (5379') landed at 5389', pin collar and sub on bottom.
- 8-23-67 Date well was tested.