

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

DATE	FILE	U.S.G.S.	LAND OFFICE	TRANSPORTER	OIL	GAS	OPERATOR	PRODUCTION OFFICE

Operator El Paso Natural Gas Company	
Address PO Box 990, Farmington, NM 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input checked="" type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead 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 Koch	Well No. Pool Name, Including Formation 1(OWWO) Blanco Mesa Verde	Kind of Lease State, (Federal) or Fee	Lease No. NM 0607
Location Unit Letter H 1800 Feet From The North Line and 890 Feet From The East			
Line of Section 3 Township 30N Range 10W, NMEAL, 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"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	PO Box 990, Farmington, NM
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	PO Box 990, Farmington, NM
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
H 3 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	Same Res'v.	Diff. Res'v.
		X		X			X	
Date Spudded w/o 11-16-72	Date Compl. Ready to Prod. w/o 12-28-72	Total Depth 5750'	P.B.T.D. 5736'					
Elevations (DF, RKB, R7, GR, etc.) 6357'GL	Name of Producing Formation Mesa Verde	Top Xill/Gas Pay 4692'	Tubing Depth 5669'					
Perforations 4692-4704', 4800-12', 4826-38', 4872-82', 4892-98', 5220-28', 5250-58', 5272-84', 5322-34', 5350-62', 5374-80', 5390-96', 5408-20', 5448-56', 5330-38', 5554-62', 5590-98', 5612-20', 5662-70'		Depth Casing Shoe 5750'						
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
no record	9 5/8"	155'	125 sks.					
8 3/4"	7"	4630'	500 sks.					
6 1/4"	4 1/2"	5750'	125 sks.					
	2 3/8"	5669'	tubing!					

V. TEST DATA AND REQUEST FOR ALLOWABLE (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 12,524 MCF/D	Length of Test 3 hours	Bbls. Condensate XXXX 3 hours 26.57	Gravity of Condensate 40 API
Testing Method (prior, back pr.) Calc. AOF	Tubing Pressure (shut-in) 542	Casing Pressure (shut-in) 792	Choke Size 3/4" variable

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.

Petroleum Engineer

January 4, 1973

OIL CONSERVATION COMMISSION

JAN 5 1973

APPROVED Original Signed by Emery C. Arnold

BY 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 change of owner, well name, number, or transporter or other such change of condition.

Koch #1 (OWWO)

- 11-16-72 Rigged up Dwinell Bros. Rig #1, cut off stuck tubing at 4730', pulled 153 joints 2 3/8" tubing. Set cement retainer at 4527'.
- 11-17-72 Tested casing to 1000#-OK, squeezed open hole with 150 sks. cement. Perforated one squeeze hole at 1820', set retainer at 1745' and tested casing to 1000#-OK. Squeezed thru perforation with 125 sks. cement.
- 11-18-72 Drilled retainer at 1745 and cement to 1820', tested casing, pumped in at 600#. Set retainer at 1775' and resqueezed thru perf at 1820' with 125 sks. cement.
- 11-19-72 Drilled retainer at 1775' and cement to 1820, tested casing to 1000#-OK. Drilled retainer at 4527', and cement to below 7" at 4630', No cement below 4630'. Cleaned out to 4716'.
- 11-20-72 Set retainer at 4521' and resqueezed open hole with 150 sks. cement.
- 11-21-72 Drilled retainer at 4521' and cement to 4640', drilled sidetrack hole from 4640' with gas, 1/2° at 4600'. 5 1/2° at 4657'.
- 11-22-72 Drilled to 4657' and shut down for Thanksgiving.
- 11-24-72 Drilled with gas, 5 1/4° at 4680'.
- 11-25-72 Drilled with gas, 5 1/2° at 5300'.
- 11-26-72 Reached TE of 5750'. 4 1/2° at 5750'. Ran 178 joints 4 1/2", 10.5#, K-55 production casing, 5739.24' set at 5749.74' with 125 sks. cement. WOC 18 hours.
- 11-27-72 Tested casing to 4000#-OK. PBTD 5736'. Perf 5530-38', 5554-62', 5590-98', 5612-20', 5662-70' with 16 shots per zone. Frac'd with 36,000# 20/40 sand, 28,980 gallons water, dropped 4 sets 16 balls, flushed with 4370 gallons water. Pumped bridging ball to baffle at 5503'-tested to 3500#-OK.
- 11-28-72 Perf'd 5220-28', 5250-58', 5272-84', 5322-34', 5350-62', 5374-80', 5390-96', 5408-20', 5448-56' with 16 shots per zone. Frac'd with 68,000# 20/40 sand, 50,820 gallons water, dropped 8 sets of 16 balls, flushed with 4200 gallons water. Set bridge plug at 4930' and tested to 4000#-OK. Perf'd 4692-4704', 4800-12', 4826-38', 4872-82', 4892-98' with 16 shots per zone. Frac'd with 36,000# 20/40 sand, 28,980 gallons water, dropped 4 sets of 16 balls, flushed with 4200 gallons water.
- 11-29-72 Drilled bridge plugs and cleaned out to 5736', ran 183 joints 2 3/8", 4.7# tubing, 5659' landed at 5669' with Norris seating nipple and pump out plug on bottom.
- 12-28-72 Date well was tested.