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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

I. Operator
El Paso Natural Gas Company

Address
Box 990, Farmington, New Mexico 87401

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 ☐ See Details on Back

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 30-6 Unit	Well No. 88 (OWWO)	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. NM 03403
Location Unit Letter <u>K</u> ; <u>1450</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>West</u> Line of Section <u>7</u> Township <u>30N</u> Range <u>6W</u> , NMPM, <u>Rio Arriba</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"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, Farmington, New Mexico 87401				
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 87401				
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 7	Twp. 30N	Rge. 6W	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 6-11-71	Date Compl. Ready to Prod. 7-9-71	Total Depth 5984	P.B.T.D. 5966					
Elevations (DF, RKB, RT, GR, etc.) 6376' GL	Name of Producing Formation Mesa Verde	Top XXX Gas Pay 5234'	Tubing Depth 5870'					
Perforations 5234-40', 5290-5302', 5312-24', 5358-66', 5378-90', 5524-36', 5560-72', 5582-90', 5616-28', 5638-46', 5680-88', 5822-34', 5876-88'			Depth Casing Shoe 5984'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
No record	10 3/4"	150'	100 Sks.					
No record	7"	5170'	300 Sks.					
6 1/4"	4 1/2"	5984'	175 Sks.					
	2 3/8"	5870'	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 3124	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A. O. F.	Tubing Pressure (Shut-in) 796	Casing Pressure (Shut-in) 798	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)

July 19, 1971

(Date)

OIL CONSERVATION COMMISSION

JUL 26 1971

APPROVED _____, 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 completed wells.

WORKOVER

- 6-11-71 Moved on Drinnell Brothers Rig #1. Cut stuck tubing off at 5270', pulled tubing.
- 6-12-71 Set cement retainer at 5088'. Squeezed open hole w/150 sacks of cement. Perforated squeeze hole at 2505', set cement retainer at 2453'. Squeezed through perforation with 125 sacks of cement.
- 6-13-71 Drilled sidetrack hole from 5181'.
- 6-17-71 Total depth 5969'. Ran 183 joints 4 1/2", 10.5#, KSSE casing (5956') set at 5969' w/125 sacks of cement. W.O.C. 18 hours. Float plugged, went in w/tubing and bit, drilled baffle at 5460'. Found cement at 5610', could not circulate with water. Blew with gas and drilled cement 5610-20'.
- 6-18-71 Cleaned out to float collar at 5953', no cement below 5620'. Logging, filled back side of 4 1/2" casing. Set cement retainer at 5936', could not pump through.
- 6-19-71 Drilled retainer at 5936'. Set retainer at 5936' and squeezed w/60 sacks of cement. Could not pull tubing out of cement retainer. Cut off tubing at 5760', could not pull tubing. Ran free point, found tubing stuck at 4207', cut tubing at 4176' and pulled tubing.
- 6-20-71 Washed over fish 4176 - 4237'. Left 2' of wash-over shoe in hole.
- 6-21-71 Ran cement retainer at 4145' and squeezed w/50 sacks of cement. Cut 4 1/2" casing at 3720' and laid down.
- 6-22-71 Set whipstock at 3696' (top). Milled window at 3696'. Drilled from 3718-3830'. Hole would not kick off, going down beside 7" casing.
- 6-23-71 Set retainer at 3605' and squeezed w/100 sacks of cement. Drilled retainer at 3605' and cement to 3708'.
- 6-24-71 Drilling sidetrack hole from 3708'.
- 6-26-71 Reached total depth.
- 6-27-71 T. D. 5984'. Ran 187 joints 4 1/2", 10.5#, K-55 casing (5971') set at 5984' w/175 sacks of cement. W.O.C. 18 hours.
- 6-28-71 P.B.T.D. 5966'. Perf. 5234-40', 5290-5302', 5312-24', 5358-66', 5378-90' w/18 SPZ. Fraced w/60,000# 20/40 sand, 48,510 gal. water, dropped 4 sets of 18 balls each, flushed w/4000 gal. water. Perf. 5524-36', 5560-72', 5582-90', 5616-28', 5638-46', 5680-88', 5822-34' w/18 SPZ. Fraced w/63,000# 20/40 sand, 49,950 gal. water, dropped 7 sets of 18 balls, flushed w/4750 gal. water.
- 6-30-71 Ran 190 joints 2 3/8", 4.7#, B, tubing (5858') set at 5870'.
- 7-9-71 Date well was tested.