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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
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)
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. 78	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. SF 079382
Location Unit Letter A ; 790 Feet From The North Line and 990 Feet From The East Line of Section 25 Township 30-N Range 7-W , NMPM, Rio Arriba 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. 25
	Twp. 30-N	Rge. 7-W
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.
		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Date Spudded W/O 7-16-70	Date Compl. Ready to Prod. W/O 8-7-70		Total Depth 5943		P.B.T.D. 5933			
Elevations (DF, RKB, RT, GR, etc.) 6367' GL	Name of Producing Formation Mesa Verde		Top Gas Pay 5167		Tubing Depth 5804			
Perforations 5167-77, 5187-97', 5520-32, 5556-68, 5608-16, 5626-38, 5804-12					Depth Casing Shoe 5943			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
	9 5/8"		173		180			
8 3/4"	7"		5072		300			
6 1/8"	4 1/2"		5943		125			
	2 3/8"		5804		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 5666	Length of Test 3 hrs	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (shut-in) 624	Casing Pressure (shut-in) 801	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 18, 1970
(Date)

OIL CONSERVATION COMMISSION
APPROVED **AUG 26 1970**, 19
BY **Original Signed by Emery C. Arnold**
SUPERVISOR DIST. #3
TITLE

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

LOGBOOK

- 7-16-70: Rigged up. Cut off stuck tubing at 5172', pulled tubing, set cement retainer at 4955'.
- 7-17-70 Squeezed open hole w/150 sks. cement. Perf squeeze hole at 2483', set cement retainer at 2439'. Squeezed thru perfs w/125 sks cement. Drilled retainer at ~~2439'~~ 2439' and cement from 2439 to 2500'. Cement was soft and spotty. Squeeze did not hold.
- 7-18-70 Set cement retainer at 2417'. Re-squeezed thru perfs at 2483' w/125 sks cement. Drilling on retainer at 2483' and cement to 2540'. Blowing down to bottom retainer at 4955'.
- 7-19-70 Drilling retainer at 4955'. Cement below was wet and spotty at 5072'. Cement hardened. Drilling w/gas w/sidetrack tools at 5080'.
- 7-21-70 Reached T.D. of 5943'. Ran 183 joints 4 1/2" production casing, 5931' set at 5943' w/125 sks cement. W.O.C. 18 hrs.
- 7-22-70 P.B.T.D. 5933'. Perf 5520-32, 5556-68, 5608-16, 5626-38, 5804-12, w/ 16 SPZ. Frac w/60,000# 20/40 sand, 51,400 gallon water. Dropped 4 sets of 16 balls. Flushed w/4500 gallon water. Dropped bridging ball to baffle at 5410', tested to 3000 psi, O.K.
Perf 5167-77, 5187-97' w/20 SPZ. Frac w/35,000# 20/40 sand, 35,370 gallon water, dropped 1 set of 20 balls, flushed w/3700 gallon water.
- 7-23-70 Cleaning out sand & water.
- 7-24-70 Ran 195 joints 2 3/8" tubing 5793' set at 5804'. Casing 3599.
- 8-7-70 Date well was tested.