

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-104  
Revised 10-01-78  
Format 06-01-83  
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OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

I. Operator Blackwood & Nichols Company, Ltd.

Address P. O. Box 1237, Durango, Colorado 81302

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate

Other (Please explain) DEC 14 1987  
**OIL CON. DIV.**

If change of ownership give name  
and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Northeast Blanco Unit</u>	Well No. <u>304</u>	Pool Name, Including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee <u>Federal</u>	Lease No. <u>NM03357</u>
Location				
Unit Letter <u>M</u>	<u>1190</u> Feet From The <u>South</u> Line and <u>1050</u> Feet From The <u>West</u>			
Line of Section <u>30</u>	Township <u>31N</u>	Range <u>6W</u>	<u>NMPM</u> , <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"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Giant Industries</u>	<u>P. O. Box 9156, Phoenix, Arizona 85068</u>
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)
<u>Northwest Pipeline Company</u>	<u>3539 E. 30th Street, Farmington, NM 87401</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
	No 2nd Quarter 1988

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

William F. Clark  
(Signature)

Operations Manager

(Title)

December 10, 1987

(Date)

OIL CONSERVATION DIVISION

APPROVED DEC 21 1987

BY Original Signed by FRANK T. CHAVEZ

TITLE SUPERVISOR DISTRICT # 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.

#### 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					
Date Spudded 10-10-87	Date Compl. Ready to Prod.		Total Depth 8006'			P.B.T.D. 7954'			
Elevations (DF, RKB, RT, GR, etc.) 6347' GL	Name of Producing Formation Dakota		Top Oil/Gas Pay 7772'			Tubing Depth 7862' **			
Perforations 7772 to 7894' - 16 zones						Depth Casing Shoe 8006'			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			
12 1/4"	9 5/8"		305			325 cf *			
8 3/4"	7"		3607			920 + 236 cf *			
6 1/4"	4 1/2" Liner		3448 - 8006			748 cf *			
	2.375		7862			--			

#### 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 11-25-87	Producing Method (Flow, pump, gas lift, etc.) Flow	
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 1,321	Length of Test 3 hrs.	Bbls. Condensate/MMCF None	Gravity of Condensate
Testing Method (pilot, back pr.) Back press.	Tubing Pressure (Shut-In) 2490 psig	Casing Pressure (Shut-In) N/A	Choke Size 3/4"

\*Cement was circulated to surface on all cementing jobs

\*\*Packer set at 3410'