

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
TRANSPORTER	<input type="checkbox"/> OIL
OPERATOR	<input type="checkbox"/> GAS
PERMITTING OFFICE	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator
Reading & Bates Petroleum Co.

Address
3200 Mid-Continent Tower, Tulsa, OK 74104

Reason(s) for filing (Check proper box)

<input checked="" type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain)
<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Oil	
<input type="checkbox"/> Change in Ownership	<input checked="" type="checkbox"/> Casingshead Gas	

☐ Dry Gas
☐ Condensate

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

II. DESCRIPTION OF WELL AND LEASE

Lessee Name Howard Federal	Well No. 43- 00	Pool Name, including Formation Gavilan Mancos - Gallup	Kind of Lease State, Federal or Fee Federal	Lease No. NM 0555076
Location				
Unit Letter <u>L</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>790</u> Feet From The <u>East</u>				
Line of Section <u>15</u> Township <u>25N</u> Range <u>2W</u> , NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco	P.O. Box 1429, Bloomfield, N.M. 87413
Name of Authorized Transporter of Casingshead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Northwest Pipeline Corp.	P.O. Box 8900, Salt Lake City, Utah 84108-0900
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <u>L</u> Sec. <u>15</u> Twp. <u>25N</u> Rge. <u>2W</u>	no

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.

J. Bruce Pettit
(Signature)
Division Manager
8-11-86
(Date)

OIL CONSERVATION DIVISION

APPROVED NOV 24 1986
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.

AUG 15 1986

OIL CON. DIV
DIST. 3

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Resrv.	Diff. Res.
Date Spudded 12/6/85	Date Compl. Ready to Prod. 3/15/86	Total Depth 7982'		P.B.T.D. 7912'					
Elevations (DF, RKB, RT, CR, etc.) 7249'GL	Name of Producing Formation Mancos - Gallup	Top Oil/Gas Pay 6581'		Tubing Depth 6564'					
Perforations				Depth Casing Shoe 7953'					
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
12 1/4"	9-5/8"		374'		250				
8 7/8"	7"		7953'		1610				

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 3-1-86	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 24 hrs.	Tubing Pressure 50	Casing Pressure 0	Choke Size 48/64"
Actual Prod. During Test	Oil - Bbls. 99.2	Water - Bbls. 1	Gas - MCF 225

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size