

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-104  
Revised 10-01-78  
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Page 1

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U.S.O.B.	
LAND OFFICE	
TRANSPORTER	
OIL	
GAS	
OPERATOR	
PROMOTION OFFICE	

RECEIVED

MAR 07 1986

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GASOIL CON. DIV.  
DIST. 3

I.

Operator  
JEROME P. McHUGHAddress  
P O Box 809, Farmington, 87499

Reason(s) for filing (Check proper box)

- ☒ New Well  
☐ Recompletion  
☐ Change in Ownership

Change in Transporter of:

- ☐ Oil ☐ Dry Gas  
☐ Casinghead Gas ☐ Condensate

Other (Please explain)

CONFIDENTIAL

If change of ownership give name  
and address of previous owner

## II. DESCRIPTION OF WELL AND LEASE

Lease Name Mother Lode	Well No. 2	Pool Name, including Formation Gavilan Mancos	Kind of Lease State, Federal or Fee	Lease No. ---
Location Unit Letter <u>K</u> : <u>1850</u> Feet From The <u>South</u> Line and <u>1850</u> Feet From The <u>West</u> Line of Section <u>3</u> Township <u>24N</u> Range <u>2W</u> , NMPM, <u>Rio Arriba</u> 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"/> Giant Refining, Inc.	Address (Give address to which approved copy of this form is to be sent) P O Box 256, Farmington, NM 87499	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Jerome P. McHugh	Address (Give address to which approved copy of this form is to be sent) P O Box 809, Farmington, NM 87499	
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 3
	Twp. 24N	Rge. 2W
	Is gas actually connected? <u>Yes</u> When <u>3/3/86</u>	

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.

James S. Hazen  
 James S. Hazen (Signature)  
 Field Supt.

(Title)

3/5/86

(Date)

## OIL CONSERVATION DIVISION

APPROVED MAR 07 1986  
Original Signed by CHARLES GHOLSONBY  
TITLE DEPUTY OIL & GAS INSPECTOR, 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 allow-  
able 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 XX	Gas Well	New Well XX	Workover	Deepen	Plug Back	Some Res'v.	Diff. Res'v.
Date Spudded 11-20-85	Date Compl. Ready to Prod. 1st 1-23-86* new oil	Total Depth 8005 KB				P.B.T.D. 7937' KB			
Elevations (DF, RKB, RT, CR, etc.) 7175' GL	Name of Producing Formation Mancos	Top Oil/Gas Pay 6650'				Tubing Depth 6892' KB			
Perforations 6650-6882', 36 shots						Depth Casing Shoe 7993' KB			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			
12-1/4"	9-5/8"		270' KB			159 cf			
7-7/8"	5-1/2"		7993' KB			2742' cf in 3 stages			
	2-7/8"		6982' KB						

#### 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 1-23-86*		Date of Test 2-14-86		Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 6 hrs.	Tubing Pressure 170 flowing	Casing Pressure 875 SI		Choke Size 0.75"	
Actual Prod. During Test	Oil - Bbls. 272 BOPD	Water - Bbls. 160 BWPB frac water		Gas - MCF 116 MCFGPD	

#### GAS WELL

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