

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED  
FEB 16 1988  
OIL CON. DIV.  
DIST. 3

I. Operator  
Mesa Grande Resources, Inc.

Address  
1200 Philtower Building, Tulsa, Oklahoma 74103

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 type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Prowler	Well No. #2	Pool Name, including Formation Gavilan Mancos	Kind of Lease State, Federal or Fee Federal	Lease No. NM-01806
Location Unit Letter <u>B</u> ; <u>910</u> Feet From The <u>North</u> Line and <u>1,705</u> Feet From The <u>East</u> Line of Section <u>5</u> Township <u>25N</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 Corp.	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"/> Northwest Pipeline Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 8900, Salt Lake City, UT 84108-0900	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 5
	Twp. 25N	Rge. 2W
	Is gas actually connected? <u>No</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.

OIL CONSERVATION DIVISION

MAY 06 1988

APPROVED \_\_\_\_\_  
BY \_\_\_\_\_  
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.

*Christopher L. Phillips*  
(Signature)

Christopher L. Phillips

(Title)

Manager, Field Operations

(Date)

February 9, 1988

#### IV. COMPLETION DATA

IV. COMPLETION DATA									
Designate Type of Completion – (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		XX							
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
8/19/87	12/4/87		8,375'			8,328'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
7,394'	Gavilan Mancos		6,431'			7,350'			
Perforations						Depth Casing Shoe			
7094 - 7242 w/ 116 holes									

#### TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 $\frac{1}{4}$	9 5/8 36# K-55	503.95'	265 sx
8 $\frac{1}{4}$ " to 6,200	--	6,200'	--
7 7/8 to 8,375	5 $\frac{1}{2}$ 17# & 15.5# J-55	8,328'	1,195 sx

#### 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 12/4/87	Date of Test 12/5/87	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24	Tubing Pressure 400#	Casing Pressure 100#	Choke Size N/A
Actual Prod. During Test 28 BPD	Oil-Bbls. 15.96	Water-Bbls. 12.04	Gas-MCF 71

#### GAS WELL

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