

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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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

30/13/14  
C-116  
Dune  
3-16-87  
RECEIVED  
FEB 17 1987  
OIL CON. DIV.  
DIST. 3

I.

Operator	Mallon Oil Company
Address	1099 18th Street, Suite 2750, Denver, CO 80202
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well	Change In Transporter of:
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil
<input type="checkbox"/> Change In Ownership	<input type="checkbox"/> Casinghead Gas
	<input type="checkbox"/> Dry Gas
	<input type="checkbox"/> Condensate

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Contract No.
Jicarilla 434 G	1	Undesignated Gallup	State, Federal or Fee Indian	434
Location				
Unit Letter <u>XC</u> : <u>790</u> Feet From The <u>North</u> Line and <u>790</u> Feet From The <u>West</u>				
Line of Section <u>6</u> Township <u>22N</u> Range <u>4W</u> , NMPM, <u>Sandoval</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"/>	Address (Give address to which approved copy of this form is to be sent)
Permian Corporation	P.O. Box 1702 Farmington, NM 87401
Name of Authorized Transporter of Casinghead 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)
Phelps Dodge Refining Corporation	P.O. Box 20001 El Paso, TX 79998
If well produces oil or liquids, give location of tanks.	Unit - <u>D</u> Sec. <u>6</u> Twp. <u>22N</u> Rge. <u>4W</u>
Is gas actually connected?	When

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.

[Signature]  
Vice President Engineering

(Title)

02-13-87

(Date)

OIL CONSERVATION DIVISION

FEB 17 1987

APPROVED \_\_\_\_\_  
Original Signed by CHARLES GHOLSON

BY \_\_\_\_\_  
DEPUTY OIL & GAS INSPECTOR, 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 multiple completed wells.

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well X	Gas Well	New Well X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 12/15/86	Date Compl. Ready to Prod. 02/12/87	Total Depth 6052' RKB			P.B.T.D. 5964' RKB				
Elevations (DF, RKB, RT, GR, etc.) 6807' GL	Name of Producing Formation Gallup	Top Oil/Gas Pay 4965'			Tubing Depth 5899' RKB				
Perforations 5839-5849 10' 40 holes (.34" diameter), see below for remaining perfs.						Depth Casing Shoe 6045'			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"		8 5/8"		198'		148 ft <sup>3</sup> Class B w/ 3% CaCl <sub>2</sub>			
7 7/8"		4 1/2"		6045'		1st: 375 sx 50/50 poz w/ 2% gel, 10% salt (cont.)			

#### 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 02-12-87	Date of Test 2/13/87	Producing Method (Flow, pump, gas lift, etc.) flowing	
Length of Test 23 hr.	Tubing Pressure 100 #	Casing Pressure 450 #	Choke Size OPEN
Actual Prod. During Test	Oil - Bbls. 71	Water - Bbls. 15	Gas - MCF 538 MCFD

#### 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

#### Perforations cont.

4717	4966	5183	5344
4755	4973	5215	5348
4769	4979	5227	5353
4782	4991	5240	5359
4793	4996	5244	5361
4805	5018	5261	5371
4817	5022	5270	
4830	5032	5274	
4855	5043	5276	
4859	5057	5285	
4865	5511	5298	
4878	5115	5308	
4903	5153	5323	
4910	5158	5330	
4940	5174	5340	
4953	5177	5342	

#### Sacks Cement cont.

and 1/4 #/sx flocele  
2nd: 350 sx Class B w/ 2% D-79 tailed  
by 325 sx of 50/50 poz w/ 2% gel and  
10% salt