

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

I.

Operator Mallon Oil Company	
Address 2750 Security Life Building, Denver, CO 80202	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <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 _____

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DIST. 3

II. DESCRIPTION OF WELL AND LEASE

Lease Name Fisher Fed 2	Well No. #1	Pool Name, including Formation Casimiro Delgado Undes. Gallup	Kind of Lease Federal State, Federal or Fee	Lease No. NM 40646
Location Unit Letter <u>A</u> : 790 Feet From The <u>North</u> Line and 790 Feet From The <u>East</u> Line of Section <u>2</u> Township <u>25 North</u> Range <u>2 West</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 Company	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 type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit A	Sec. 2	Twp. 25N	Rge. 2W	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.

Kevin L. McLeod
(Signature)

Agent
(Title)

7-22-85
(Date)

OIL CONSERVATION DIVISION
7-23-85
APPROVED _____
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 X	Gas Well	New Well XX	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 4-18-85	Date Compl. Ready to Prod. 6-17-85	Total Depth 8427'			P.B.T.D. 8359'				
Elevations (DF, RKB, RT, GR, etc.) 7648' GL, 7659' KB	Name of Producing Formation Gallup	Top Oil/Gas Pay 7066'			Tubing Depth 7915'				
Perforations See bottom of page						Depth Casing Shoe 8419'			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
12 1/4"	9-5/8"		271'		145 sx Class B w/2% CaCl ₂				
7-7/8"	5-1/2"		8419'		1st: 450 sx 50-50 pozmix				
	2-7/8"		7915'		2nd: 125 Class B w/2% econolite tailed by 225 sx 50-50 pozmix				

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of lost 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 6-17-85	Date of Test 6-17-85	Producing Method (Flow, pump, gas lift, etc.) Swabbing	
Length of Test 24 hours	Tubing Pressure 0	Casing Pressure 450	Choke Size
Actual Prod. During Test 440 bbls/day	Oil-Bbls. 220	Water-Bbls. 220	Gas-MCF --

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

IV. Continued

Perfs:	7066'	7164'	7275'	7316'	7406'	7487'	7568'	7792'
	7078'	7175'	7278'	7329'	7423'	7495'	7575'	7805'
	7112'	7185'	7282'	7336'	7435'	7507'	7580'	7828'
	7122'	7203'	7291'	7345'	7439'	7521'	7595'	7845'
	7125'	7221'	7295'	7351'	7454'	7533'	7613'	7855'
	7136'	7254'	7302'	7357'	7459'	7538'	7671'	7866'
	7153'	7272'	7311'	7372'	7467'	7543'	7682'	7872'
			7388'	7483'	7550'	7744'		
Total 62 perfs (.50" diameter)					7555'	7768'		

Cement: 3rd: 275 sx Class B w/2% econofil tailed by 100 sx 50-50 pozmix w/2% gel
Good circulation throughout