

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-104  
Revised 10-01-78  
Permit 08-01-83  
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SANTA FE	
FILE	
U.S.D.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PERMIT OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Mallon Oil Company

Address  
1616 Glenarm Place, Suite 2850 Denver, CO 80202

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)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Post-Federal 13	Well No. 6	Pool Name, including Formation Gavilan-Greenhorn-Graneros-Dakota	Kind of Lease Communitized State, Federal or Fee Federal	Lease No. NM-43753
Location Unit Letter <u>F</u> : <u>1850</u> Feet From The <u>North</u> Line and <u>1670</u> Feet From The <u>West</u> Line of Section <u>13</u> Township <u>25N</u> Range <u>2W</u> , NMPM, <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

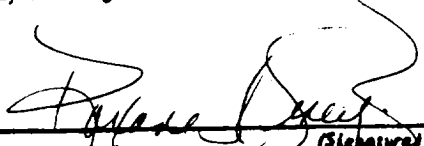
Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) 2502 W. Main Farmington, NM 87401	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Gavilan Joint Venture	Address (Give address to which approved copy of this form is to be sent) 1616 Glenarm Pl, Suite 2850, Denver, CO 80202	
If well produces oil or liquids, give location of tanks. Unit <u>F</u> Sec. <u>13</u> Twp. <u>25N</u> Rge. <u>2W</u>	Is gas actually connected? yes	When June 1986

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)  
Production Assistant  
(Title)  
06-18-86  
(Date)

OIL CONSERVATION DIVISION  
JUL 03 1986

APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY \_\_\_\_\_ Original Signed by FRANK T. CHAVEZ  
TITLE \_\_\_\_\_ SUPERVISOR DISTRICT # \_\_\_\_\_

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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X							
Date Spudded 01-18-86	Date Compl. Ready to Prod. 3-21-86	Total Depth 8160'				P.B.T.D. 8102'			
Elevations (DF, RKB, RT, CR, etc.) 7450' GL	Name of Producing Formation Gallup	Top Oil/Gas Pay 6780'				Tubing Depth 7619'			
Perforations 6780, 6786, 6806, 6815, 6823, 6828, 6841, 6849, 6856, see below						Depth Casing Shoe 8158'			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
13 3/4"		9 5/8"		268'		295' Class B w/ 2% CaCl <sub>2</sub>			
8 3/4"		5 1/2"		8158'		1st: 680' 50-50 poz,			
		2 7/8"		7619'		2% gel, 10% salt			
						see below			

#### 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 3-18-86	Date of Test 3-18-86	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24	Tubing Pressure 40 psi	Casing Pressure 500 psi	Choke Size
Actual Prod. During Test	Oil - Bbls. 76.75	Water - Bbls. 305.94	Gas - MCF TSTM

#### 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

Sacks Cement cont.

2nd: 276' Class B w/2% D-79 tailed by 238' 50-50 poz, w/2% gel, 10% salt

3rd: 690' Class B w/2% D-79 tailed by 170' 50-50 poz mix w/2% gel, 10% salt.

Squeezed 5469-5530 w/ 60' Class B w/ 3% CaCl<sub>2</sub>. Squeezed 5500-5530

w/ 60' Class B w/3% CaCl<sub>2</sub>. Squeezed 5500-5530 w/ 59' Class B with .6% fluid loss additive.

Perforations cont.

6861, 6873, 6883, 6899, 6909, 6916, 6926, 6944, 6956, 6968, 6975, 6982, 6986, 6990, 7000, 7011, 7017, 7021, 7025, 7034, 7042, 7048, 7053, 7063, 7086, 7096, 7109, 7124, 7143, 7147, 7152, 7161, 7168, 7176, 7181, 7187, 7193, 7202, 7206, 7215, 7220, 7252, 7265, 7270, 7278, 7282, 7287, 7292, 7308, 7312, 7325, 7344, 7378, 7399, 7404, 7414, 7474, 7496, 7518, 7530, 7537, 7543, 7548, 7568, 7588