

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

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NOV 08 1985

OIL CON. DIV.  
DIST. 3

I. Operator  
Southland Royalty Company

Address  
P.O. Drawer 570, Farmington, New Mexico 87499

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

☐ Dry Gas  
☐ Condensate

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hill Federal	Well No. 1	Pool Name, including Formation Gavilan Mancos	Kind of Lease State, Federal or Fee Federal	Lease No. NM-03991
Location				
Unit Letter C	960	Feet From The North	Line and 1720	Feet From The West
Line of Section 24	Township 25N	Range 2W	NMPM, Rio Arriba	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)					
Giant Refining Company	P.O. Box 9156, Phoenix, Arizona 85068					
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 C	Sec. 24	Twp. 25N	Rge. 2W	Is gas actually connected? No	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.

*Arthur J. Greysen*  
(Signature)

Secretary

(Title)  
11-07-85

(Date)

OIL CONSERVATION DIVISION

NOV 08 1985

APPROVED

Original Signed by FRANK T. CHAVEZ

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.

#### 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		X					
Date Spudded 6-24-85	Date Compl. Ready to Prod. 9-17-85		Total Depth 8192'		P.B.T.D. 8152'				
Elevations (DF, RKB, RT, CR, etc.) 7468' GL	Name of Producing Formation Mancos		Top Oil/Gas Pay 6963'		Tubing Depth 7138'				
Perforations 6963'-7596' (Mancos)						Depth Casing Shoe 8192'			
<b>TUBING, CASING, AND CEMENTING RECORD</b>									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
12-1/4"	9-5/8", 32.30#, K-55		432'		250 sxs (295 cu.ft.)				
7-7/8"	5-1/2", 17#, N-80/15.5#, K-55		8291' 8192' Stge 1:		365 sxs (464 cu.ft.)				
	2-7/8", 6.5, J-55		7138' Stge 2:		210 sxs (350 cu.ft.)				
					Stge 3: 350 sxs (969 cu.ft.)				

#### 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 11-01-85	Date of Test 11-01-85	Producing Method (Flow, pump, gas lift, etc.) Flow	
Length of Test 24 hours	Tubing Pressure 75 psi	Casing Pressure 400 psi	Choke Size 1-1/2"
Actual Prod. During Test GOR 4871/1	Oil - Bbls. 202	Water - Bbls. 18	Gas - MCF 984

#### 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