

NEW MEXICO OIL CONSERVATION COMMISSION	
DISTRIBUTION	
SANTA FE	FILE
U.S.G.S.	LAND OFFICE
TRANSPORTER	OIL
PRODUCTION OFFICE	GAS
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)
Revised 7/1/57

Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

FEB 6 1964

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Roswell, N. Mex.
(Place)

Feb. 5, 1964
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Olen F. Featherstone #1 Featherstone- Well No. 1, in NE 1/4 SW 1/4,

(Company or Operator) Trust K-27 (Lease)

K Sec. 27, T. 16S, R. 31E, NMPM, Square Lake Pool

Unit Letter

Eddy

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

1980 FSL & 1980 FNL
(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
8-5/8	359	150
5-1/2	3765	200
2 1/2" 160	3580	

County. Date Spudded 12-15-63 Date Drilling Completed 12-30-63
Elevation 4060' (DF) Total Depth 3775' Drlr PBTD

Top Oil/Gas Pay 3586' & 3730' Name of Prod. Form. Premier & Lovington

PRODUCING INTERVAL -

Perforations 12 holes 3588 to 3625 (Premier) & 14 holes 3741 to 3756 (Lovington)

Open Hole Depth Casing Shoe 3775' Depth Tubing 3580'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): FL 325 bbls. oil, NO bbls water in 24 hrs, min. Size 14/64"

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 10,000 gals oil & 8000# sand (Prem.) 20,000 gal oil 16000#

Casing Tubing Date first new Press. 700# Press. oil run to tanks Jan. 9, 1964

Oil Transporter Continental Pipeline Co.

Gas Transporter Skelly Oil Company

Remarks: Not connected as of this date.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: FEB 27 1964, 19

OLEN F. FEATHERSTONE
(Company or Operator)

By: Rex Alcorn
(Signature)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title: OIL AND GAS INSPECTOR

Title: Geologist

Send Communications regarding well to:
Name: Olen F. Featherstone
236 Petroleum Bldg., Roswell, N. Mex.

Olen F. Featherstone
OIL PRODUCER
ROSWELL PETROLEUM BUILDING
ROSWELL, NEW MEXICO

February 11, 1964

RECEIVED
FEB 12 1964
O. C. C.
ARTESIA, OFFICE

Mr. M. L. Armstrong
New Mexico Oil Conservation Commission
Drawer DD
Artesia, New Mexico 88210

Re: Deviation Surveys & Form C-110
Olen F. Featherstone #1 Featherstone Trust K-27
Section 27, Twp. 16 South, Rge. 31 East
Square Lake Field, Eddy County

Dear Sir:

Pursuant to your letter dated February 7, 1964, the following represents deviation surveys conducted during the drilling of the above well. Negotiations with transporter and purchaser of oil and gas are currently in progress. When these negotiations are finalized and connection is made, Form C-110 will be submitted.

<u>Date</u>	<u>Depth</u>	<u>Deviation</u>
12-16-63	375'	3/4°
12-18-63	860'	1°
12-19-63	1242'	1-1/2°
12-19-63	1761'	2°
12-20-63	2154'	2-1/2°
12-21-63	2490'	2-1/2°
12-22-63	2871'	1-3/4°
12-25-63	3206'	1-1/4°
12-27-63	3575'	3/4°

Very truly yours,

OLEN F. FEATHERSTONE

Rex Alcorn

Rex Alcorn

Geologist

RA/dl

In Duplicate

STATE OF NEW MEXICO)
COUNTY OF CHAVES) ss.

The foregoing instrument was acknowledged before me this 11 day of February, 1964, by Rex Alcorn.

My Commission Expires:
May 13, 1967

Carrie A. Duval
Notary Public

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Olen F. Featherstone ✓ Featherstone Trust K-27
Lease LC 060476

Well No. 1 Unit Letter K S27 T16S R31E Pool Square Lake

County Eddy Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit I S27 T16S R31E

Authorized Transporter of Oil or Condensate The McWood Corporation

Address Box 330, Abilene, Texas, OR, 306 V & J Tower Bldg., Midland, Texas
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Currently being negotiated

Address _____ Date Connected _____
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Anticipate flaring temporarily to produce February allowable less oil in
storage (500bbls). Negotiations now in progress w/Phillips & Skelly to pur-
chase & transport gas. Will conclude negotiations when well is on production
to allow testing of gas.

Reasons for Filing: (Please check proper box) New Well K

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: _____ (Give explanation below)

Negotiations currently in progress with Continental Oil Co. to purchase and Continental Pipeline Co. to transport oil. We are advised connection will be made on or before March 7, 1964. The above indicated arrangements with McWood are considered temporary, but are pertinent to prevent loss of February allowable. (Form C-104 submitted 2-5-64.)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

RECEIVED

Executed this the _____ day of _____ 19____

By Rex Aleorn FEB 27 1964
Rex Aleorn O. C. C.
Title Geologist ARTESIA, OFFICE

Approved FEB 27 1964 19____

OIL CONSERVATION COMMISSION

Company OLEN F. FEATHERSTONE

By M. L. Armstrong

Address 236 Petroleum Building

Title OIL AND GAS INSPECTOR

Roswell, New Mexico 88201

WILDERNESS CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE

No. Copies Received 5

DISTRIBUTION

	NO. FURNISHED	
OPERATOR	<u>2</u>	
ARTIST	<u>1</u>	
INFORMATION OFFICE		
STATE LAND OFFICE		
U. S. G. S.		
TRANSPORTER <u>all</u>	<u>1</u>	
FILE	<u>1</u>	
BUREAU OF MINES		

February 7, 1964

Olen F. Featherstone
236 Petroleum Building
Roswell, New Mexico

Re: Featherstone-Trust K-27
Well #1, 27-16-31, Square
Lake Pool, Eddy County.

Dear Sir:

Form C-104 (Request for (Oil)-(Gas) Allowable) was received in our office on your Featherstone-Trust K-27, Well #1, 27-16-31, in Square Lake Pool. Before your Form C-104 can be approved and an allowable assigned, it will be necessary for you to file five (5) copies of Form C-110 with this office showing the oil transporter and the gas transporter. It will also be necessary for you to file at least two (2) copies of a deviation survey which is required when rotary tools are used. If Todco was run, this information will be sufficient.

Please file the above mentioned C-110 and the deviation information as soon as possible so that your Form C-104 can be approved and an allowable assigned to this well.

Yours very truly,

OIL CONSERVATION COMMISSION

M. L. Armstrong
Supervisor, District II

MLA/uh