

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

REQUEST FOR (OIL) - (GAS) ALLOWABLE

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, New Mexico February 22, 1960  
(Place) (Date)

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

Southwestern Hydrocarbon Company Union-Federal, Well No. 2-1, in SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ ,  
(Company or Operator) (Lease) Gas  
P, Sec. 31, T. 9 S, R. 38 E, NMPM, Undesignated - effect to Sawyer/Pool  
Unit Letter

Lee County. Date Spudded 1-9-60 Date Drilling Completed 1-21-60  
Elevation 3951' KB Total Depth 5009' FBTD 1895'  
Please indicate location:

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

Top Oil/Gas Pay 1827 Name of Prod. Form. San Andres

PRODUCING INTERVAL -

Perforations 1827-37'  
Open Hole \_\_\_\_\_ Depth \_\_\_\_\_ Depth \_\_\_\_\_  
Casing Shoe \_\_\_\_\_ Tubing \_\_\_\_\_

OIL WELL TEST -

Natural Prod. Test: None 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 Choke  
load oil used): 16 bbls. oil, 16 bbls water in 24 hrs, 0 min. Size 18/64

GAS WELL TEST -

Natural Prod. Test: None MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>8-5/8</u>	<u>372</u>	<u>865</u>
<u>4-1/2</u>	<u>5009</u>	<u>280</u>
<u>2" EUE</u>	<u>1844</u>	<u>Set w/ packer</u>

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

Test After Acid or Fracture Treatment: 1,100,000 MCF/Day; Hours flowed 24

Choke Size 18/64" Method of Testing: One point (24 hour) back pressure test.

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and

sand): 7000 gals. Dowell Acid Petrobras

Casing Pkr. Tubing Flowing Date first new  
Press. 700 psig oil run to tanks 2-19-60

Oil Transporter Cactus Petroleum, Inc. - tentative

Gas Transporter Sinclair O & G - tentative

Remarks: Above well completed as shut-in gas well on 2-22-60. On 24 hour potential test  
gauged 1,100,000 CFDP & 32 BFPD, being 50% oil (39° API) & 50% acid water and salt water.  
Flowing tbg press: 700 psig. 24 hr. SITP: 1410 psig.

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

Approved \_\_\_\_\_, 19\_\_\_\_

OIL CONSERVATION COMMISSION

By: \_\_\_\_\_

Title \_\_\_\_\_

Southwestern Hydrocarbon Company  
(Company or Operator)

By: J. A. Sheldon  
(Signature)

Title Geological Consultant  
Send Communications regarding well to:

Name J. A. Sheldon

Address P. O. Box 578, Roswell, New Mexico