

It is necessary that Form C-104 be approved before this form can be approved and an individual allowable be assigned to any completed oil or gas well.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL

RECEIVED
JUN 21 1951
OIL CONSERVATION COMMISSION
HOBBS-OFFICE

Company or Operator C. H. Sweet Lease State F

Address Box 1115 (Local or Field Office) Hobbs, New Mexico (Principal Place of Business)

Unit A Wells No. 1-A Sec. 23 T. 16-S R. 37-E Pool N.W. Hobbs County Lea

Kind of Lease State Location of Tanks NE 1/4 of Sec. 23

Transporter Shall Pipeline Address of Transporter Hobbs, New Mexico (Local or Field Office)

Hobbs, New Mexico (Principal Place of Business) Percent of oil to be transported 100% Other transporters authorized

to transport oil from this unit are None %

REMARKS:

New Well

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 19th day of June, 1951

C. H. Sweet
(Company or Operator)

By Fred Warren **Fred Warren**

Title Drilling Superintendent

Approved: June - 20, 1951

OIL CONSERVATION COMMISSION

By Ray O. Gunkray
Oil & Gas Inspector

(See Instructions on Reverse Side)

INSTRUCTIONS

Form C-110

This form shall be executed and filed in quadruplicate with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil or gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

DUPLICATE

**OIL CONSERVATION COMMISSION
Santa Fe, New Mexico**

RECEIVED
JUN 21 1951
OIL CONSERVATION COMMISSION
HOBS OFFICE

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 P.B. at 60° Fahrenheit.

Hobbs, New Mexico
Place

June 19, 1951
Date

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

C. H. Sweet

State F

Well No. 1-A in NE 1/4 NE NE 1/4

Company or Operator

Lease

section 23, T. 18-S, R. 37-E, N.M.P.M. N.W. Hobbs Pool Lea County

Please indicate location: Elevation 3675' Spudded 5-23-51 Completed 6-19-51

			A

Total Depth 4115' P.B. _____

Top Oil/Gas Pay 3950 Top Water Pay None

Initial Production Test: Pump _____ Flow 90 (BOPD) ~~(BOPD)~~

Based on 90 Bbls. Oil in 24 Hrs. 0 Mins.

Method of Test (Pitot, gauge, prover, meter run): Gauge

Size of choke in inches _____

Tubing (Size) 2" EUE @ 4106 Feet

Pressures: Tubing 200 Casing Pecker at 3875

Gas/Oil Ratio 1100 Gravity 33

Casing Perforations: _____

Unit letter: A

None

Casing & Cementing Record

Size	Feet	Sax
<u>8 5/8</u>	<u>334</u>	<u>125</u>
<u>5 1/2</u>	<u>3915</u>	<u>72</u>

Acid Record:

1000 Gals 3095 to 4030

1000 Gals 4035 to 4095

1000 Gals 4095 to 4115

Shooting Record.

_____ Qts _____ to _____

_____ Qts _____ to _____

_____ Qts _____ to _____

Show of Oil, Gas and water

S/ 3095 - 4115

S/ _____

S/ _____

S/ _____

S/ _____

S/ _____

Natural Production Test: _____ Pumping 24 BOPD flowing

Test after acid or shot: _____ Pumping 90 BOPD flowing

Please indicate below Formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

Northwestern New Mexico

- T. Anhy 1600
- T. Salt 2450
- B. Salt 2750
- T. Yates _____
- T. 7 Rivers _____
- T. Queen _____
- T. Grayburg 3950
- T. San Andres 4107
- T. Glorieta _____
- T. Drinkard _____
- T. Tubbs _____
- T. Abo _____
- T. Penn _____
- T. Miss _____

- T. Devonian _____
- T. Silurian _____
- T. Montoya _____
- T. Simpson _____
- T. McKee _____
- T. Ellenburger _____
- T. Gr. Wash _____
- T. Granite _____
- T. _____

- T. Ojo Alamo _____
- T. Kirtland-Fruitland _____
- T. Farmington _____
- T. Pictured Cliffs _____
- T. Cliff House _____
- T. Menefee _____
- T. Point Lookout _____
- T. Mancos _____
- T. Dakota _____
- T. Morrison _____
- T. Penn _____
- T. _____
- T. _____
- T. _____

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: 6-16-51

Pipe line taking oil or gas: Shell Pipeline Company

Remarks: Well flowed into tank after 1st. acid treatment

3950 - 1,030 on 6-16-51.

C. H. Sweet

Company or Operator

By: Fred Warren Fred Warren
Signature

Position: Drilling Superintendent

Send communications regarding well to:

Name: C. H. Sweet

Address: Box 1015, Hobbs, New Mexico

APPROVED June - 20, 1951

OIL CONSERVATION COMMISSION

By: Roy Yankough

Title: Oil & Gas Inspector

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	56	56	Surface - caliche
56	227	171	Shell Sand
227	1128	901	Red Bed
1128	1305	177	Anhydrite
1305	1420	115	Anhydrite & Salt
1420	1564	144	Anhydrite
1564	1692	128	Anhydrite & Gyp
1692	2420	728	Anhydrite & Streaks of Salt
2420	2622	202	Salt & Shells
2622	2663	41	Anhydrite
2663	2722	59	Anhydrite & Gyp
2722	2775	53	Anhydrite
2775	3024	249	Lime & Gyp
3024	3195	171	Lime
3195	3215	20	Anhydrite
3215	3277	62	Lime & Gyp
3277	3306	29	Lime
3306	3393	87	Lime & Anhydrite
3393	3950	557	Lime
3950	4007	57	Sandy Lime
4007	4115	108	Lime Total Depth 4115

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

RECEIVED

JUN 21 1951

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO REDOOR CHEMICALLY TREAT WELL	X
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

June 15, 1951

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Company or Operator C. H. Sweet Lease State F Well No. 1-A in NE NE NE
of Sec. 23, T. 18-S, R. 37-E, N. M. P. M., N.W. Hobbs Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

This well to be acidized as follows:

Depth 4035 to 4095 with 1000 gal. 15% acid.

Depth 4095 to 4115 with 1000 gal. 15% acid.

Approved JUN 21 1951, 19.....
except at follows:

C. H. Sweet
Company or Operator

By Fred Warren
Fred Warren
Position Drilling Superintendent
Send communications regarding well to

OIL CONSERVATION COMMISSION
By Ray Yeakley Sr
Title Oil & Gas Inspector

Name C. H. Sweet
Address Box 1115
Hobbs, New Mexico

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NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

JUN 21 1951

DUPLICATE

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well or results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING CHEMICAL TREATMENT OF WELL	X	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

June 19, 1951
Date

Hobbs, New Mexico
Place

Following is a report on the work done and the results obtained under the heading noted above at the

C. H. Sweet State **F** Well No. **1-A** in the
Company or Operator Lease
NE NE NE of Sec. **23**, T. **18-S**, R. **37-E**, N. M. P. M.,
N.W. Hobbs Pool **Lea** County.

The dates of this work were as follows: **6-16-51 and 6-18-51**

Notice of intention to do the work was (was not) submitted on Form C-102 on **6-15**, 19 **51**, and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

This well was acidized with 1000 gal. acid from 4035 to 4095. Rate of injection 2 1/2 bbls. per minute at 1500# pressure. Swabbed 12 hours at rate 1 1/2 B.O.P.H.

Well was then drilled to a total depth of 4115' and acidized with 1000 gal. from 4095 to 4115'; injection rate 2 1/2 bbls. per minute at 1500#. Swabbed 1 hour, well flowed at rate of 5 B.O.P.H.

Witnessed by _____ Name _____ Company _____ Title _____

APPROVED: OIL CONSERVATION COMMISSION

Boe Yachrowitz
Name _____
Oil & Gas Inspector Title _____

JUN 21 1951
Date _____ 19 _____

I hereby swear or affirm that the information given above is true and correct.

Name *Fred Warren*
Fred Warren
Position **Drilling Superintendent**
Representing **C. H. Sweet**
Company or Operator
Address **Box 115, Hobbs, New Mexico**

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