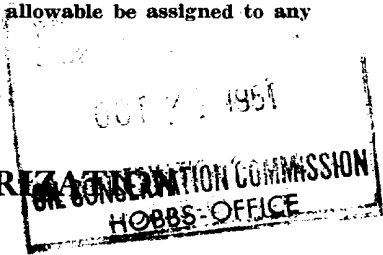


It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORITY TO TRANSPORT OIL



Company or Operator..... Cities Service Oil ..... Lease State S

Address..... Box 97 Hobbs, New Mexico ..... Empire-Masonic Bldg., Bartleville, Oklahoma  
(Local or Field Office) (Principal Place of Business)

Unit..... E ..... Wells No. 6 ..... Sec. 15 ..... T. 21 R. 37 ..... Pool..... Brunson ..... County..... Lea

Kind of Lease..... State ..... Location of Tanks..... On Lease

Transporter..... Texas-New Mexico Pipeline Co. ..... Address of Transporter..... Midland, Texas  
(Local or Field Office)

Houston, Texas ..... Percent of oil to be transported..... 100 ..... Other transporters authorized  
(Principal Place of Business)


to transport oil from this unit are..... None ..... %

REMARKS:

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 31th day of October, 1951

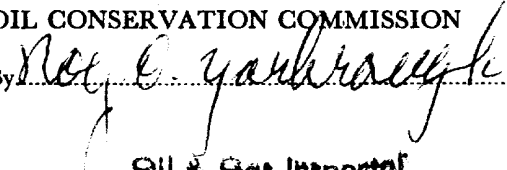
Cities Service Oil Co.  
(Company or Operator)

By.....  .....

Title..... District Supt. .....

Approved:..... Oct - 31 ....., 1951

OIL CONSERVATION COMMISSION

By.....  .....

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**

Form C-104  
OCT 31 1951  
OIL CONSERVATION COMMISSION  
HOBBS-OFFICE

**REQUEST FOR (OIL)-(GAS) ALLOWABLE**

It is necessary that this form be submitted by the operator before an initial 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 October 30, 1951 Date

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

Cities Service Oil Company State NS Well No. 6 in SW 1/4 NW 1/4  
Company or Operator Lease  
section 15, T. 21S, R. 37E, N.M.P.M. Brunson Pool Lea County

Please indicate location: Elevation 3446 GR Spudded 8-28-51 Completed 10-24-51


Total Depth 8193' P.B. -  
Top Oil/Gas Pay 8040' Top Water Pay -  
Initial Production Test: Pump - Flow 861.48 (rated) ORCU.FT.  
(GAS PER DAY)  
Based on 215.37 Bbls. Oil in 6 Hrs. -0- Mins.  
Method of Test (Pitot, gauge, prover, meter run): Prover  
Size of choke in inches 32/64"  
Tubing (Size) 2" EUE 8189' set @ 8190' Feet  
Pressures: Tubing 400 Casing 25  
Gas/Oil Ratio 781 Gravity 41.2  
Casing Perforations:  
None

Unit letter: E

Casing & Cementing Record

Size	Feet	Sax
<u>13-3/8"</u>	<u>315.04'</u>	<u>350</u>
<u>8-5/8"</u>	<u>2818.40'</u>	<u>500</u>
<u>5-1/2"</u>	<u>8022.23'</u>	<u>400</u>

Acid Record: Show of Oil, Gas and water  
3000 Gals 8042' to 8193' S/  
- Gals - to - S/  
- Gals - to - S/  
Shooting Record: S/  
- Qts - to - S/  
- Qts - to - S/  
- Qts - to - S/  
Natural Production Test: - Pumping - Flowing  
Test after acid or shot: - Pumping 215.37 Flowing

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

**Southeastern New Mexico**

**Northwestern New Mexico**

- |                     |                             |                             |
|---------------------|-----------------------------|-----------------------------|
| T. Anhy _____       | T. Devonian _____           | T. Ojo Alamo _____          |
| T. Salt _____       | T. Silurian _____           | T. Kirtland-Fruitland _____ |
| B. Salt _____       | T. Montoya _____            | T. Farmington _____         |
| T. Yates _____      | T. Simpson _____            | T. Pictured Cliffs _____    |
| T. 7 Rivers _____   | T. McKee <u>7670'</u>       | T. Cliff House _____        |
| T. Queen _____      | T. Ellenburger <u>8040'</u> | T. Menefee _____            |
| T. Grayburg _____   | T. Gr. Wash _____           | T. Point Lookout _____      |
| T. San Andres _____ | T. Granite _____            | T. Mancos _____             |
| T. Glorieta _____   | T. _____                    | T. Dakota _____             |
| T. Drinkard _____   | T. _____                    | T. Morrison _____           |
| T. Tubbs _____      | T. _____                    | T. Penn _____               |
| T. Abo _____        | T. _____                    | T. _____                    |
| T. Penn _____       | T. _____                    | T. _____                    |
| T. Miss _____       | T. _____                    | T. _____                    |

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: October 29, 1951

Pipe line taking oil or gas: Texas-New Mexico Pipeline Company

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Cities Service Oil Company  
Company or Operator

By:   
Signature

Position: District Supt.


Send communications regarding well to:

Name: R. W. Ely

Address: Box 97, Hobbs, New Mexico

APPROVED oct - 31, 1951

OIL CONSERVATION COMMISSION

By:   
Title: Oil & Gas Inspector



FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	40'	40	Surface soil & caliche
40'	1255'	1215	Red bed
1255'	1405'	150'	Red bed, gyp & shells
1405'	2155'	750'	Anhydrite & Salt
2155'	2400'	245'	Salt
2400'	2805'	405'	Anhydrite
2805'	2835'	30'	Lime
2835'	3143'	308'	Anhydrite
3143'	3266'	123'	Anhydrite & Lime
3266'	3395'	129'	Lime
3395'	3480'	85'	Lime & Anhydrite
3480'	6621'	3141'	Lime
6621'	6819'	198'	Lime & shale
6819'	7454'	635'	Lime
7454'	7540'	86'	Lime & shale
7540'	7567'	27'	Lime
7567'	7588'	21'	Lime & shale
7588'	7601'	13'	Shale
7601'	7628'	27'	Lime & shale
7628'	7667'	39'	Shale & sand
7667'	7763'	96'	Sand & lime
7763'	7800'	37'	Lime & shale
7800'	7862'	62'	Lime, shale & sand
7862'	7872'	10'	Shale & lime
7872'	7987'	115'	Shale & sand
7987'	8040'	53'	Shale & Lime
8040'	8042'	2'	Lime
8042'	8070'	28'	Shale & lime
8070'	8078'	8'	Lime
8078'	8084'	6'	Shale & lime
8084'	8096'	12'	Lime
8096'	8114'	18'	Shale & lime
8114'	8193'TD	79'	Lime

Formation Tops

McKee 7670'  
Ellenburger 8040'