

DUPLICATE

OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Cities Service Oil Company Lease State "N"  
Address Drawer G., Hobbs, New Mexico Bartlesville, Oklahoma  
(Local or Field Office) (Principal Place of Business)  
Unit H Wells No. 2 Sec. 16 T. 21S R. 34E Field West Wilson County Lea  
Kind of Lease State Location of Tanks On Lease  
Transporter Texas-New Mexico Address of Transporter Midland, Texas  
(Local or Field Office)  
Houston, Texas Percent of oil to be transported 100 Other transporters author-  
(Principal Place of Business) ized to transport oil from this unit are \_\_\_\_\_ %  
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 12 th day of February, 1945

Cities Service Oil Company

(Company or Operator)

By

Title District Superintendent

State of New Mexico

County of Lea

ss.

Before me, the undersigned authority, on this day personally appeared R. W. Ely known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me, this the 12 th day of February, 1945  
My Commission expires Feb. 8, 1954 Fred Lawson

Notary Public in and for Lea County, New Mexico

Approved: 1-14-1945

OIL CONSERVATION COMMISSION

By Fred Lawson

(See Instructions on Reverse Side)

## INSTRUCTIONS

This form shall be executed and filed in quadruplicate with the Oil Conservation Commission at Santa Fe, New Mexico, covering each unit from which oil is produced. A separate certificate shall be filed for each transporter authorized to transport oil 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 month the operator shall in lieu of filing a new certificate, notify the Oil Conservation Commission at Santa Fe, New Mexico, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil to be moved by the transporter temporarily moving oil 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 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 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, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

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

RECEIVED

FEB 13 1951

OIL CONSERVATION COMMISSION

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Empire-Masonic Building  
Bartlesville, Oklahoma

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cities Service Oil Company

Company or Operator

State "V"

Well No. 2

in SE SE NE

Address 16

T. 21S

R. 34E

Lease

West Wilson

Field, Lea

County.

Well is 2310 feet south of the North line and 330 feet west of the East line of SEC. 16-21S-34E

If State land the oil and gas lease is No. Unknown Assignment No. -

If patented land the owner is - Address -

If Government land the permittee is - Address -

The Lessee is Cities Service Oil Company Address Bartlesville, Oklahoma

Drilling commenced November 26 19 51 Drilling was completed January 29 19 51

Name of drilling contractor Thomas Drilling Co. Address Artesia, New Mexico

Elevation above sea level at top of casing 3700 feet.

The information given is to be kept confidential until - 19 -

## OIL SANDS OR ZONES

No. 1, from 3910 to 3914 No. 4, from - to -

No. 2, from - to - No. 5, from - to -

No. 3, from - to - No. 6, from - to -

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from - to - feet.

No. 2, from - to - feet.

No. 3, from - to - feet.

No. 4, from - to - feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8-5/8"	24.7	81	J-55	1363'	Baker	-	-	-	-
5 1/2"	14.7	88	J-55	3900.7'	Baker	-	-	-	-

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
11 1/2"	8-5/8"	1367'	500	Plug	-	-
8 1/2"	5 1/2"	3902.7'	400	Plug	-	-

## PLUGS AND ADAPTERS

Heaving plug—Material - Length - Depth Set -

Adapters — Material - Size -

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment This well was neither shot nor acidized

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from 0 feet to 1368 feet, and from - feet to - feet

Cable tools were used from 1368 feet to 3914 feet, and from - feet to - feet

## PRODUCTION

Put to producing January 29 19 51

The production of the first 24 hours was 29.15 barrels of fluid of which 30 % was oil; - %

emulsion; 70 % water; and - % sediment. Gravity, Be. 28.1

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

## EMPLOYEES

- Driller - Driller

- Driller - Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12 th

Hobbs, New Mexico Feb. 12, 1951

day of February 19 51

Name -

Position District Superintendent

Representing Cities Service Oil Company

Address Drawer G., Hobbs, New Mexico

My Commission expires February 8, 1954

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	20'	20'	Caliche
20'	240'	220'	Sand and shale
240'	620'	380'	shale
620'	875'	255'	Sand and shale
875'	925'	50'	Anhydrite
925'	990'	65'	Shale(Medium)
990'	1010'	20'	Shale
1010'	1130'	120'	Shale(Medium)
1130'	1185'	55'	Shale and lime
1185'	1285'	100'	Shale and shells
1285'	1408'	123'	Anhydrite and shale
1408'	1470'	62'	Red shale
1470'	1500'	30'	Sandy lime
1500'	1570'	70'	Red shale <del>1570'</del>
1570'	1605'	35'	Red rock
1605'	1700'	95'	Red shale
1700'	1725'	25'	Red rock
1725'	1750'	25'	Red shale
1750'	1810'	60'	Anhydrite
1810'	1815'	5'	Red shale
1815'	1850'	35'	Anhydrite and shale
1850'	1910'	60'	Anhydrite
1910'	1950'	40'	Anhydrite, shale and salt
1950'	2025'	75'	Salt and shale
2025'	2060'	35'	Anhydrite and shale
2060'	2070'	10'	Salt
2070'	2080'	10'	Blue shale
2080'	2090'	10'	Salt
2090'	2125'	35'	Salt, anhydrite and shale
2125'	2190'	65'	Red shale
2190'	2225'	35'	Shale(red) and salt
2225'	2270'	45'	Shale and salt
2270'	2330'	60'	Red shale and salt
2330'	2340'	10'	Salt
2340'	2355'	15'	Blue mud
2355'	2405'	50'	Salt
2405'	2440'	35'	Red shale and salt
2440'	2475'	35'	Salt
2475'	2610'	135'	Shale and salt
2610'	2690'	80'	Red shale and salt
2690'	2875'	185'	Salt, shale and potash
2875'	2995'	120'	Red shale and salt
2995'	3040'	45'	Blue shale
3040'	3215'	175'	Shale and salt
3215'	3235'	20'	Salt
3235'	3250'	15'	Anhydrite
3250'	3270'	20'	Anhydrite and salt
3270'	3410'	140'	Salt
3410'	3465'	55'	Anhydrite
3465'	3630'	165'	Lime
3630'	3640'	10'	Lime(Firm)
3640'	3650'	10'	Conglomerate(Broken)
3650'	3672'	22'	Lime and shale
3672'	3684'	12'	Lime (Broken)
3684'	3701'	17'	Conglomerate(Broken)
3701'	3718'	17'	Lime and sand
3718'	3749'	31'	Lime
3749'	3757'	8'	Lime (Broken)
3757'	3780'	23'	Conglomerate lime and shells
3780'	3818'	38'	Lime
3818'	3834'	16'	Lime (Gray)
3834'	3914'	80'	Lime (Total Depth)

3914

DUPLICATE

L CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

February 12, 1951

Place

Date

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

Cities Service Oil Company  
Company or Operator

State "NM"  
Lease

Well No. 2 in SESE 1/4 NE 1/4

section 16, T. 21S, R. 34S, N.M.P.M. West Wilson Pool Lea County

Please indicate location: Elevation 3700' Spudded 11-26-50 Completed 1-29-51


Total Depth 3914 P.B. -

Top Oil/Gas Pay 3910 Top Water Pay -  
Initial Production Test: Pump 8.75 Flow - (BOPD OR CU. FT.)  
GAS PER DAY

Based on 8.75 Bbls. Oil in 24 Hrs. - Mins.

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

Size of choke in inches Pumping Well

Tubing (Size) 2" RUE @ 3912' Feet

Pressures: Tubing Pumping Well 0# Casing 0# Pumping Well

Gas/Oil Ratio TSTM Gravity 28.1

Casing Perforations:

Unit letter: H

Casing & Cementing Record

Size	Feet	Sax
8-5/8"	1363'	500
5 1/2"	3900.7'	400

Acid Record:

- Gals - to -  
- Gals - to -  
- Gals - to -

Shooting Record.

- Qts - to -  
- Qts - to -  
- Qts - to -

Show of Oil, Gas and water

S/ 3910' Oil

S/

S/

S/

S/

S/

S/

Natural Production Test: 8.75 Pumping - Flowing

Test after acid or shot: - Pumping - Flowing

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy 1760  
Tansill Dolomite 3470'  
B. Salt  
T. Yates 3605'  
T. 7 Rivers 3885'  
T. Queen  
T. Grayburg  
T. San Andres  
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.  
T.  
T.  
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.

Date first oil run to tanks or gas to pipe line: January 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 Superintendent

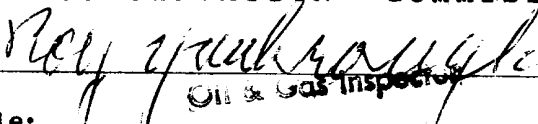
Send communications regarding well to:

Name: R. W. Ely

Address: Cities Service Oil Company  
Drawer G., Hobbs, New Mexico

APPROVED 2 - 14 - 1951

OIL CONSERVATION COMMISSION

By:   
Oil & Gas Inspector

Title: \_\_\_\_\_