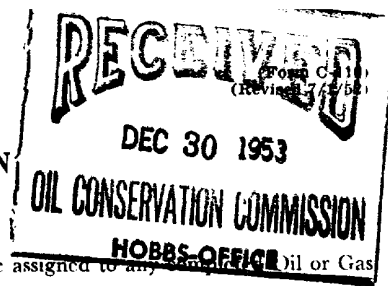


DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator John J. Christmann Lease W. H. Townsend (Tract 3)
Address 1114 10th Street, Lubbock, Texas Lubbock, Texas
(Local or Field Office) (Principal Place of Business)
Unit 16S, Well(s) No. 3, Sec. 4, T. 35E, R. 35E, Pool Townsend-Wolfcamp
County Lea Kind of Lease: Oil & Gas
If Oil well Location of Tanks SE/4 of SW/4 of Sec. 4, T16S, R35E
Authorized Transporter Service Pipe Line Address of Transporter
Midland, Texas Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)
Per cent of Oil or Natural Gas to be Transported 100% Other Transporters authorized to transport Oil or Natural Gas
from this unit are None

REASON FOR FILING: (Please check proper box)

NEW WELL ☐ CHANGE IN OWNERSHIP ☐
CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☒

REMARKS: Change in operator under operating agreement. Former Operator was Wilshire Oil Company of Texas, Leggett Building, Midland, Texas Effective 1/1/54

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

Executed this the 29th day of December, 19 53

Approved JAN 8 1954, 19

OIL CONSERVATION COMMISSION
By S. J. Stanley
Title Engineer District I

John J. Christmann
By John J. Christmann
Title Operator

INSTRUCTIONS

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.

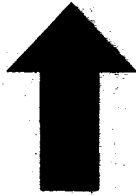
This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) 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.



LTR



Job separation sheet

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \frac{1}{2}x^2$.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Santa Fe, New Mexico

RECEIVED
WATSON COMMISSION
SEP 24 1953
CORD CONSERVATION COMMISSION
HOURS OFFICE

Mail to District Office On Cons
later than twenty days after comp
of the Commission. Submit in QU

Mail to District Office On Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

Wilshire Oil Company of Texas - Mrs. W. H. Townsend

.....
(Company or Operator)

(Lease)

Well No. 3, in SE $\frac{1}{4}$ of SW $\frac{1}{6}$ of Sec. 4, T. 16-S, R. 35-E, NMPM.

Townsend-Wolfcamp

Pool,

Lea

County.

Well is 660 feet from South line and 1980 feet from West line

of Section 4 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced July 11, 1953 Drilling was Completed September 16, 1953

Name of Drilling Contractor..... **Dixilyn Drilling Company**

Address.....Odessa, Texas

Elevation above sea level at Top of Tubing Head.....4023..... The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 10,340 to 10,352 No. 4, from _____ to _____

No. 2, from 10,360 to 10,438 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8	48 & 54	New	359	Texas Pattern -		none	surface
9 5/8	36	New	4,543	Larkin-float -		none	salt
7	23,26 & 29	New & Used	10,484	HOWCO-Fillup -		10,340-10,352 10,360-10,438	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½"	13 3/8"	359'	300	H.O.W.C.O.	8.6#/gal.	Unknown
12½"	9 5/8"	4543'	1500	H.O.W.C.O.	8.4#/gal.	Unknown
8 3/4"	7"	10,484'	250	H.O.W.C.O.	9.9#/gal.	Unknown

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

(1) Washed perforations from 10,340' to 10,352' and 10,360' to 10,438' with 250 gallons mud acid.

(2) ~~Treated same intervals with 250 gallons of mud acid and 2500 gallons of 15% Dowell~~

alt of Production Stimulation.....(1) Swabbed dry

(2).....Flowed at rate of 1012.86 BOPD

...Depth Cleaned Out.....10,442'

WORD OF DRILL-STEM AND SPECIAL TEST

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.....10,487'.....feet, and from.....feet to.....feet.
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing. September 20, 19 53

OIL WELL: The production during the first ¹²~~24~~ hours was 506.43 barrels of liquid of which 99.9 % was oil; _____ % was emulsion; _____ % water; and 0.1 % was sediment. A.P.I. Gravity 40.1

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

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.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg 4370 (-337)	T. Gr. Wash.....	T. Mancos.....
T. San Andres 4530 (-497)	T. Granite.....	T. Dakota.....
T. Glorieta 6157 (-2124)	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs..... 7308 (-3275)	T.	T.
T. Abo..... 8059 (-4026)	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation
0	222	222'	Sand
222	362	140	Redbed
362	2122	1760	Redbed, sand
2122	3005	883	Redbed, sand, salt, anhy.
3005	3820	815	anhy, salt, gyp.
3820	4306	486	anhy.
4306	4881	575	Lime, anhy.
4881	8005	3124	lime
8005	8853	848	lime, shale
8853	9476	623	lime
9476	9790	314	lime, shale
9790	10,487	697	lime

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

September 22, 1953

(Date)

Company or Operator... Wilshire Oil Company of Texas

Address.....301 Leggett Bldg., Midland, Texas

Name..... A. E. Collins

Position or Title..... **Division Petroleum Engineer**