

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

110338 01 107 000

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

110338 01 107 000

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Lee Drilling Company Lease Stanolind-State E Tract 18

Address W. Yarbrough, Box 1471, Midland, Texas Philtower Bldg., Tulsa, Oklahoma
(Local or Field Office) (Principal Place of Business)

Unit E, Well(s) No. 4, Sec. 1, T. -17-S, R. 36-E, Pool Lovington-Paddock

County Lea Kind of Lease: State

If Oil well Location of Tanks On lease.

Authorized Transporter Otha H. Grimes Address of Transporter

Lovington, New Mexico
(Local or Field Office) (Principal Place of Business)

Per cent of ~~99%~~ 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:

This form filed to designate transporter of casinghead gas.

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

Executed this the 8th day of April 19 55

Approved _____, 19____

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Title _____

Lee Drilling Company

By Fred Justice

Title Production Superintendent

(See Instructions on Reverse Side)

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil 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.

Lee Drilling Company
(Company or Operator)Stanolind-State E Tract 18
(Lease)Well No. 4, in SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 1, T. -17-S, R. -36-E, NMPM.

Lovington-Paddock

Pool,

Lea

County.

Well is 990 feet from West line and 1980 feet from North lineof Section 1. If State Land the Oil and Gas Lease No. is B-1553Drilling Commenced December 18, 1954. Drilling was Completed February 4, 1955.Name of Drilling Contractor Lee Drilling CompanyAddress Philtower Building, Tulsa, OklahomaElevation above sea level at Top of Tubing Head 3833' G.L.. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 6080 to 6220 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 140 to 240 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
8-5/8"	28#	New	2042	Baker	-	None	
5-1/2"	15.5#	New	6080	Baker	-	None	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	2042	1710	Halliburton	Cement circulated to surface.	
7-7/8"	5-1/2"	6080	350	BJ	Cemented back to 3847'.	

RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 500 gals. mud acid and 6,000 gals. LST acid from
6080 to 6200'.

Result of Production Stimulation After acid potential was the test - 50 bbls. in 24 hrs.

Depth Cleaned Out _____

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 6220 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 3, 1955
OIL WELL: The production during the first 24 hours was 55.10 barrels of liquid of which 92 was oil; 3 % was emulsion; 5 % water; and % was sediment. A.P.I. Gravity 34
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	2005	T. Devonian	T. Ojo Alamo
T. Salt	2105	T. Silurian	T. Kirtland-Fruitland
B. Salt	2890	T. Montoya	T. Farmington
T. Yates	3027	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3300	T. McKee	T. Menefee
T. Queen	3910	T. Ellenburger	T. Point Lookout
T. Grayburg	4245	T. Gr. Wash.	T. Mancos
T. San Andres	4605	T. Granite	T. Dakota
T. Glorieta	5965	T.	T. Morrison
T. Padlock	6061	T.	T. Penn.
T. Tubbs		T.	T.
T. Abo		T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	85	85	Caliche				
85	240	155	Sand				
240	760	520	Sand & Red Beds				
760	1670	910	Red Beds				
1670	1900	230	Sand & Shells				
1900	1995	95	Sand				
1995	2095	100	Anhydrite				
2095	2880	785	Salt				
2880	3470	590	Anhydrite & Sand				
3470	3900	430	Anhydrite & Lime				
3900	4520	620	Lime & Sand				
4520	5950	1430	Sand & Lime				
5950	6061	111	Lime & Shale				
6061	6220	159	Lime & Dolomite				

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.

March 4, 1955 (Date)
Company or Operator Lee Drilling Company Address Tulsa, Oklahoma
Name Fred Justice Position or Title Production Superintendent