

**OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO**

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator Byrd-Frost, Inc. Lease Daughterity
 Address Loco Hills, New Mexico Dallas, Texas
(Local or Field Office) (Principal Place of Business)
 Unit 0 Wells No. 2 Sec. 3 T. 17S R. 27E Field Daughterity County Eddy
 Kind of Lease Federal Location of Tanks 300' NE of well
 Transporter New Mexico Asphalt & Ref. Co. Address of Transporter Artesia, New Mexico
(Principal Place of Business) (Local or Field Office)
 Percent of oil to be transported 100% Other transporters authorized to transport oil from this unit are _____ %

REMARKS: The oil from this lease will be transported from the lease to the New Mexico Asphalt and Refining Company by E. M. Crouch, Trucker, of Artesia, New Mexico.

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 16th day of July, 1947.

Byrd-Frost, Inc.
(Company or Operator)
 By W. L. Cooper
 Title Agent

State of Texas }
 County of Dallas } ss.

Before me, the undersigned authority, on this day personally appeared W. L. Cooper 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 16th day of July, 1947.

Notary Public in and for Dallas County, DOROTHA RUSSELL, Notary Public,
 in and for Dallas County, Texas
 My Commission Expires June 1, 1949

Approved: July 25 1947
 OIL CONSERVATION COMMISSION

By William B. Macey

(See Instruction on Reverse Side)

NO DISSEMINATION OF INFORMATION AND COMMUNICATION TO THE PUBLIC

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

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Byrd-Frost, Inc.

Byrd-Frost, Inc. (Company or Operator)

By W. L. Cooper

Title Gathering Agent

State of Texas

County of Dallas

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Dorothy Russell

Notary Public in and for Dallas County,

DOROTHA RUSSELL, Notary Public,
in and for Dallas County, Texas

Approved: July 25 1947

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OIL CONSERVATION COMMISSION

By

William B. Macey

(See Instruction on Reverse Side)

COMMISSION ON OIL CONSERVATION
NEW MEXICO

CERTIFICATE OF AUTHORIZATION TO TRANSPORT OIL

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.

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STATE OF NEW MEXICO**

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(Company or Operator)
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Notary Public in and for Dallas County,

Dorothy Russell
 DOROTHA RUSSELL, Notary Public,
 in and for Dallas County, Texas
 My Commission Expires June 1, 1949

Approved: July 25 1947
 OIL CONSERVATION COMMISSION

By William B. Macey

(See Instruction on Reverse Side)

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

INSTRUMENT OF AUTHORIZATION FOR TRANSPORT OF OIL

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FORM C-105

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

20-CIS-00544

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 TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Byrd-Frost, Inc., & P. B. English

110 Tower Petr. Bldg., Dallas 1, Texas

Daughterity

Well No.

2 Company or Operator
in SW SE

of Sec.

Lease

T. 17S

R. 27E, N. M. P. M. Daughterity Field, Eddy County.

Well is 358 feet south of the North line and 1658 feet east of the West line of Sec. 3

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

If patented land the owner is Address

If Government land the permittee is W. F. Daughterity Address Deceased

The Lessee is Byrd-Frost, Inc., & P. B. English Address Dallas, Texas

Drilling commenced March 27 1947 Drilling was completed June 8 1947

Name of drilling contractor Kersey & Company Address Artesia, New Mexico

Elevation above sea level at top of casing 3455 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 1460 to 1470 No. 4, from to

No. 2, from 1976 to 2057 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 115 to feet.

No. 2, from 358 to 365 feet.

No. 3, from 940 to feet.

No. 4, from 2450 to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
8-5/8"	32	8	J&L	1015	Reg	Pulled		Surface
7"	20	8	"	1610	"			Oil String
10-3/4"	48	8	"	266	"	Pulled		Water

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	7"	1610	100	Halliburton		

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
5"		Nitro	360	7-11	1976-2070	2070

Results of shooting or chemical treatment

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 feet to feet, and from feet to feet.

Cable tools were used from 0 feet to 3030 feet, and from feet to feet.

PRODUCTION

Put to producing July 15 1947

The production of the first 24 hours was 10 barrels of fluid of which 100 % was oil; %

emulsion; % water; and % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Kersey & company 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 23rd

Dallas, Texas July 16, 1947

Place

Date

day of July 1947

Name W. L. Cooper

Position Agent

Dorothy Russell

Notary Public

Representing Byrd-Frost, Inc. & P. B. English
Company or Operator.

My Commission expires 6/1/49

Address 1110 Tower Petr. Bldg., Dallas, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	7		Soil
7	8		Caliche
8	30		Gyp & caliche
30	50		Gyp
50	95		red rock & gyp
95	110		red bed & sand
110	130		sand
130	135		GYP
135	170		red bed & gyp
170	180		?
180	190		red bed & gyp shells
190	195		red bed & gyp - anhy at 192
195	200		anhy
200	205		sand
205	220		anhy
220	235		anhy & red shale breaks
235	240		?
240	255		anhy & red rock
255	358		anhy
358	365		sandy anhy & sulphur water
365	595		anhy
595	605		sand & water
605	635		anhy & red rock
635	640		red rock
640	655		red rock & blue shale
655	680		Blue shale
680	700		red rock & blue shale
700	720		red bed & gyp
720	740		red bed
740	765		red rock
765	785		anhy
785	790		anhy & red bed
790	800		red bed
800	815		anhy
815	830		red rock & anhy
830	840		blue shale
840	855		red bed
855	870		anhy & red bed
870	880		broken anhy
880	905		anhy & red bed
905	940		anhy & red rock
940	955		red sand
955	970		sandy formation
970	980		sand
980	990		red sand
990	996		sand
996	1005		GYP
1005	1020		?
1020	1040		anhy & red rock
1040	1075		?
1075	1090		anhy - broken
1090	1130		red rock & anhy
1130	1150		anhy - broken
1150	1160		gray lime
1160	1165		anhy - broken
1165	1225		anhy
1225	1250		lime
1250	1280		?
1280	1320		anhy & brown shale
1320	1350		anhy - broken
1350	1360		brown sandy shale
1360	1405		anhy
1405	1415		lime
1415	1460		anhy
1460	1470		sand - broken. Slight show oil
1470	1480		gray lime
1480	1500		lime
1500	1515		gray lime
1515	3030		lime T. D.