

DUPLICATE

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

RECEIVED

Form C-110

FEB 23 1951

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Shell Oil Company Lease State
Address Box 1457, Hobbs, New Mexico Box 1509, Midland, Texas
(Local or Field Office) (Principal Place of Business)
Unit G Wells No. 3 Sec. 15 T. 21S R. 37E Field Brunson County Lea
Kind of Lease State Location of Tanks Center of lease
Transporter Shell Pipe Line Corp. Address of Transporter Box 486, Hobbs, New Mexico
(Principal Place of Business) (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 None 0 %
REMARKS:

New completion. Allowable to date from 2-19-51.

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 percentages 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 21st day of February, 195 1

Shell Oil Company
(Company or Operator)
By L. O. Storm
Title Exploitation Engineer

State of New Mexico
County of Lea } ss.

Before me, the undersigned authority, on this day personally appeared L. O. Storm 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 21st day of February, 195 1

James K. Davis
My Commission Expires Sept. 16, 1954

Notary Public in and for Lea County, New Mexico

Approved: 2 - 23 1951

OIL CONSERVATION COMMISSION

By [Signature]
Oil & Gas Inspector

(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."

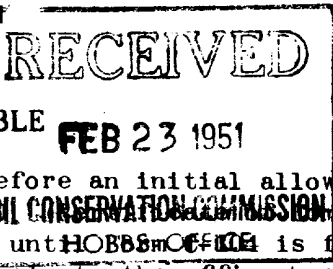
In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil.

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

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>NO SAMPLES TAKEN ABOVE 3700 FEET</u>			
3730	6150	2420	Dolomite with streaks limestone, shale & anhydrite.
6150	6190	40	Silty sandstone
6190	7430	1240	Dolomite with streaks limestone & anhydrite.
7430	7435	5	Sandstone, shale, reddish chert.
7435	7590	155	Shale & sandstone
7590	7655	65	Limestone
7655	7780	125	Dolomite
7780	7794	14	Granite Wash
7794	7798	4	Granite
	TD		
<u>TOPS BY SCHLUMBERGER:</u>			
Glorieta	5120	(-1681)	
Drinkard	6423	(-2984)	
Ellenburger	7590	(-4151)	
Granite Wash	7780	(-4341)	
Granite	7794	(-4355)	
DST No. 1:	5550-5670'	(120' of upper Clear Fork - Blinbry gas zone) Dolomite w/ traces porosity & fluorescence	5/8" BC & 1" TC on 3 1/2" drill pipe. Tool open 20 min. Sweet gas in 7 min. Maximum rate estimated 20 MCF/day. Recovered 180' (1.3 barrels) gas-cut mud. Flowing BHP 400 p.s.i. Shut-in BHP 1500 p.s.i. <u>Positive Test.</u>
DST No. 2:	7524-7548'	(24' of Connell sandstone)	5/8" BC & 1" TC on 3 1/2" drill pipe. Tool open 3 hours. Gas in 6 min., oil in 60 min. Flowed to clean 25 min. On test flowed 4 barrels clean oil first 30 min., then flowed 5.4 barrels clean oil in 1 hour. GOR 1269. Gravity 43.6° API. Reversed out recovery. Flowing BHP 50-750-625 p.s.i. Mud column pressure 3975 p.s.i. Shut in BHP failed. <u>Positive Test.</u>

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



REQUEST FOR (OIL)-(GAS) ALLOWABLE

FEB 23 1951

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-101 (Oil Conservation 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

2-21-51
Date

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

Shell Oil Company State Well No. 3 in SW 1/4 NE 1/4
Company or Operator Lease

section 15, T. 21S, R. 37E, N.M.P.M. Brunson Pool Lea County

Please indicate location: Elevation 3427 Gr. 3429 DF Spudded 1-10-51 Completed 2-19-51

R-37-E

		X	

Sec. 15

Total Depth 7798 P.B. -
Top Oil/Gas Pay 7590 Top Water Pay
Initial Production Test: Pump Flow 276 (BOPD 2760) (GAS PER DAY 2760)
Based on 276 Bbls. Oil in 24 Hrs. Mins.
Method of Test (Pitot, gauge, prover, meter run): Tanks
Size of choke in inches 16/64
Tubing (Size) 2 3/8" @ 7793 Feet
Pressures: Tubing 425 - 550 Casing 0 - 275
Gas/Oil Ratio 855 Gravity 44° API
Casing Perforations: none

Unit letter: G

Casing & Cementing Record

Size	Feet	Sax
13 3/8"	222	250
8 5/8"	2925	2000
5 1/2"	7635	500

Acid Record:

none Gals to
Gals to
Gals to

Show of Oil, Gas and water

S/
S/
S/
S/
S/
S/
S/
S/

Shooting Record.

none Qts to
Qts to
Qts to

Natural Production Test: -- Pumping 276 Flowing
Test after acid or shot: -- Pumping -- Flowing

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

Southeastern New Mexico

T. Anhy
T. Salt
B. Salt
T. Yates
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres
T. Glorieta 5120
T. Drinkard 6423
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger 7590
T. Gr. Wash 7780
T. Granite 7794
T.
T.
T.
T.

Northwestern New Mexico

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: 2-19-51

Pipe line taking oil or gas: Shell Pipe Line Corp.

Remarks: New completion.

Shell Oil Company
Company or Operator

By: L. O. Storm *L. O. Storm*
Signature

Position: Exploitation Engineer

Send communications regarding well to:

Name: Shell Oil Company

Address: Box 1457, Hobbs, New Mexico

APPROVED 9 - 23, 1951

OIL CONSERVATION COMMISSION

By: *Ray G. Hargrave*

Title: Oil & Gas Inspector