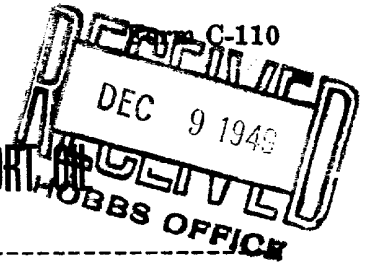


OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT



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 "L" Wells No. 2 Sec. 2 T21S R37E Field North Drinkard County Lea
Kind of Lease State Location of Tanks Center N/2 SW/4 of Sec. 2
Transporter Shell Pipe Line Corp. Address of Transporter Box 486, Hobbs, New Mex.
(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 12-5-49.

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 6th day of December, 1949.

Shell Oil Company
(Company or Operator)
By [Signature]
Title District Superintendent

State of New Mexico
County of Lea } ss.

Before me, the undersigned authority, on this day personally appeared L.O. STORM Frank B. Lovering 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 9th day of December, 1949.

Notary Public in and for Lea County, Heraldine Comer

Approved: 12-9- 1949

OIL CONSERVATION COMMISSION

By [Signature]

BY COMMISSION CHIEF (F.A.R.) (1949)

(See Instructions on Reverse Side)

OIL & GAS INSPECTOR

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.

DUPLICATE

12	11	10	9
13	14	15	16

AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

CORRECTED REPORT

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.

Shell Oil Company
Company or Operator
State _____ Well No. 2 in Lot 12 of Sec. 2 T. 21-S
Lease
R. 37-1 N. M. P. M. North Drinkard Field, Lee County.
Well is 4620 feet north of the section line and 4620 feet west of the East line of Sec. 2, T-21-S, R-37-1.
If State land the oil and gas lease is No. B-9745 Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is Shell Oil Company Address Box 1457, Hobbs, New Mexico
Drilling commenced 10-27 19 49 Drilling was completed 11-29 19 49
Name of drilling contractor Oleum Drilling Co. Address Midland, Texas
Elevation above sea level at top of casing 3487 feet.
The information given is to be kept confidential until Not confidential 19 _____

OIL SANDS OR ZONES

No. 1, from 6585 to 6760 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>13 3/8"</u>	<u>32.44</u>	<u>8R</u>	<u>Haylor</u>	<u>213'</u>	<u>Texas Pattern</u>				<u>Water protection</u>
<u>8 5/8"</u>	<u>324</u>	<u>8R</u>	<u>National</u>						
	<u>28.554</u>	<u>8R</u>	<u>Chester</u>	<u>2926'</u>	<u>Cameron</u>				<u>Salt protection</u>
<u>5 1/2"</u>	<u>174</u>	<u>8R</u>	<u>Republic</u>	<u>6651'</u>	<u>Cameron</u>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>13 3/8"</u>	<u>224'</u>	<u>300</u>	<u>Pump & plug</u>		
<u>11"</u>	<u>8 5/8"</u>	<u>2936'</u>	<u>2200</u>	<u>Pump & plug</u>		
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>6660'</u>	<u>600</u>	<u>Pump & plug</u>		

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
		<u>LST acid</u>	<u>1000 gals.</u>	<u>12-3-49</u>	<u>6660-6760</u>	

Results of shooting or chemical treatment Acidized w/1000 gallons 15% LST acid from 6660' to 6760'.
Well kicked off and flowed 205 bbls. fluid cut 114 BS and acid water in 2 1/2 hrs.

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 6760 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 12-5- 19 49
The production of the first 24 hours was 513.30 barrels of fluid of which 85 % was oil; -- % emulsion; 15 % water; and -- % sediment. Gravity, 28 39.00 API corr.
If gas well, cu. ft. per 24 hours 408 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. GOR 934

EMPLOYEES

Gene Evans Driller Carl Smith Driller
R. K. Dickenson 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 15thday of February 19 50Gene R. Davis
Notary PublicMy Commission expires My Commission Expires Sept. 16, 1950Hobbs, New Mexico 2-25-50 DateName Frank R. LaveringPosition District SuperintendentRepresenting Shell Oil Company
Company or OperatorAddress Box 1457, Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2700	2700	No samples taken
2700	3265	565	Anhydrite & lime
3265	6760	3495	Lime, dolomite, anhydrite & shale
SCHLUMBERGER TOPS			
	5305	Dense Zone	
	5361	Paddock	
	6585	Drinkard	
<u>DST #1:</u>	6649-6756		5/8" BC & 1" TC. Tool open 210 min. Gas to surface in 45 min. Moderate gas blow thereafter. FBHP 1800 p.s.i. 15 min. shut in BHP 2420 p.s.i. <u>Positive Test.</u>
<u>DST #2:</u>	6651-6756		5/8" BC & 1" TC. Tool open 125 min. Good air blow throughout test. Recovered 4380' (6.2 bbls.) oil & mud, no water. FBHP 1400 p.s.i. 15 min. shut in BHP 2250 p.s.i. <u>Positive Test.</u>