

DUPLICATE

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

RECEIVED

OCT 5 1951

OIL CONSERVATION COMMISSION
Fort HOBBS-OFFICE

CERTIFICATE of COMPLIANCE and AUTHORIZATION to TRANSPORT OIL

Company or Operator Phillips Petroleum Company Lease Fort
Address Box 2105 Hobbs, New Mexico Bartlesville, Oklahoma
(Local or Field Office) (Principal Place of Business)
Unit A Wells No. 1 Sec. 34 T. 14S R. 37E Field Midland County Lea
Kind of Lease Patented Land Location of Tanks Approx. Center NE 1/4 Sec. 34-14S-37E
Transporter Service Pipe Line Company Address of Transporter Box 337 Midland, Texas
(Local or Field Office)
Box 1979 Tulsa, Oklahoma Percent of oil to be transported 100. Other transporters author-
(Principal Place of Business)
ized to transport oil from this unit are - %
REMARKS:

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 3 day of October, 194 51

Phillips Petroleum Company
(Company or Operator)

By M. G. Croston
Title District Chief Clerk

State of New Mexico

County of Lea

Before me, the undersigned authority, on this day personally appeared M. G. Croston 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 3 day of October, 194 51

Notary Public in and for Lea County, New Mexico

Approved: Oct - 5 1951

OIL CONSERVATION COMMISSION

By Roy D. Yarrhough

Oil & Gas Inspector

My Commission Expires November 26, 1954

(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.

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

RECEIVED

OCT 5 1951

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for operations and drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

10-3-51

Date

Hobbs, New Mexico

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Phillips Petroleum Company

Fort

Well No. 1 in the

Company or Operator

Lease

NE 1/4 NE 1/4

of Sec. 34

T.

14S

R.

37E

N. M. P. M.,

Wildcat

Field,

Lea

County.

The dates of this work were as follows: 9-6-51

Notice of intention to do the work was (~~was~~) submitted on Form C-102 on 10-3-51 19____
and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

T.D. 12,804' Ran 345 joints, 12,789' of 5-1/2" casing set at 12,799'. Cemented in two stages. 1st stage with 530 sacks 8% gel aloset mixed with 110 sacks Mobilight grade B&C. Pumped plug to 12721'. 2nd stage, cemented with 850 sacks 8% gel regular cement. Pumped plug to 9012'. Cement circulated to surface. Tested Ok before and after drilling plug.

Witnessed by D. C. Underwood Phillips Petroleum Company Forman
Name Company Title

Subscribed and sworn before me this _____

I hereby swear or affirm that the information given above is true and correct.

3 day of October 19 51

Name W. H. CrostonPosition District Chief ClerkRepresenting Phillips Petroleum Company
Company or Operator

My Commission Expires November 26, 1954

My commission expires _____

Address Box 2105 Hobbs, New Mexico

Remarks:

APPROVED

OCT 5 - 1951

Date

Not yet recorded
Oil & Gas Inspector
Name
Title

DUPLICATE

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

REQUEST FOR (OIL)-(GAS) ALLOWABLE 5 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 (Certificate of 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

October 3, 1951
Date

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

Phillips Petroleum Company Fort Well No. 1 in NE 1/4 NE 1/4
Company or Operator Lease
section 34, T. 14-S, R. 37-E, N.M.P.M. Denton Pool Lea County

Please indicate location: Elevation 3818' Spudded 4-10-51 Completed 9-1-51

Total Depth 12,804' P.B. 12,724'
Top Oil/Gas Pay 12,564' Top Water Pay -
Initial Production Test: Pump Flow 1344 (BOPD OR CU. FT. GAS PER DAY)
Based on 532 Bbls. Oil in 9-1/2 Hrs. - Mins.
Method of Test (Pitot, gauge, prover, meter run): Gauge
Size of choke in inches 1/2"
Tubing (Size) 2-3/8" O.D. @ 12,698 Feet
Pressures: Tubing 600# Casing Paker
Gas/Oil Ratio 12% Gravity 45.7°
Casing Perforations:
12,564 to 12,630 and 12,660 to 12,710

Unit letter: A

Casing & Cementing Record

Size	Feet	Sax
13-3/8"	320	350
8-5/8"	4742	4750
5-1/2"	12,789	1380

Acid Record: Show of Oil, Gas and water
1000 Gals 12,564' to 12,630' S/ Oil and Gas
Gals 12,660' to 12,710' S/ Oil and Gas
Gals to S/
Shooting Record. S/
Qts to S/
Qts to S/
Qts to S/
Natural Production Test: Pumping 243 BOPD Flowing
Test after acid or shot: Pumping 1344 BOPD Flowing

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

Southeastern New Mexico

T. Anhy
T. Salt
B. Salt 2195'
T. Yates 3155'
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres 4695'
T. Glorieta
T. Drinkard
T. Tubbs Sand 7385'
T. Abo 8050'
T. Penn Welfcamp 9350'
T. Miss Line 11,705'

Northwestern New Mexico

T. Devonian 12,563'
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.
T.
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.

Date first oil run to tanks or gas to pipe line: 8-29-51 (LST)

Pipe line taking oil or gas: Service Pipe Line Co.

Remarks: _____

Phillips Petroleum Company
Company or Operator

By: *W. H. Garrison*
Signature

Position: District Chief Clerk

Send communications regarding well to:

Name: R. H. Dunn

Address: Box 2105 - Hobbs, New Mex.

APPROVED Oct - 5 , 1951

OIL CONSERVATION COMMISSION

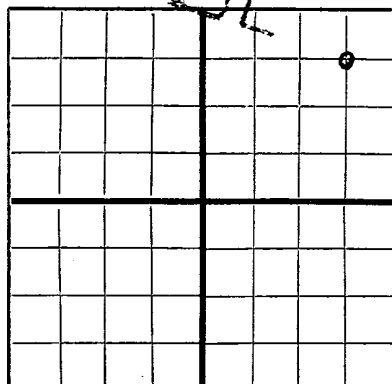
By: *Ray Yankrough*

Title: Oil & Gas Inspector

DUPLICATE
FORM O-105
N

RECEIVED
OCT 5 1951
OIL CONSERVATION COMMISSION
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPLICATE. FORM O-110 WILL NOT BE APPROVED UNTIL FORM O-105 IS PROPERLY FILLED OUT.

Phillips Petroleum Company Box 2105 - Hobbs, New Mexico
Company or Operator Address
Port Well No. 1 in NE/4, NE/4 of Sec. 34, T. 14-S
Lease
R. 37-E, N. M. P. M., Denton Field, Lea County.
Well is 664 feet south of the North line and 660 feet west of the East line of NE/4 of Sec. 34
If State land the oil and gas lease is No. - Assignment No. -
If patented land the owner is G. M. Shelton & Wife, et. al. Address Midland, Texas
If Government land the permittee is - Address -
The Lessee is Phillips Petroleum Company Address Bartlesville, Oklahoma
Drilling commenced 4-10-51 19. Drilling was completed 9-1-51 19.
Name of drilling contractor Schoenfeld, Hunter & Ketch Address Tulsa, Okla.
Elevation above sea level at top of casing 3618 feet.
The information given is to be kept confidential until Not Confidential 19.

OIL SANDS OR ZONES

No. 1, from 12,564' to 12,724' 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 None 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	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48#	8 Rd.	Sms.	320'	None				Surface
8-5/8"	32#	8 Rd.	Smls.	4742'	Baker				Intermediate
5-1/2"	17# & 20#	8 Rd.	Smls.	12,789'	Baker				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	348'	350	HOMCO		
11"	8-5/8"	4752'	4750	HOMCO		
7-7/8"	5-1/2"	1380'	1380	HOMCO		

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
		Acid	1000 gal.	10-1-51	12,564-12,630'	
					12,660-12,710'	

Results of shooting or chemical treatment Flowed 9-1/2 hours, 1/2" choke, 532 Bbls. Oil, 4/10% B.S., Gravity: 45.7, GOR 1236. Flowed through 2-3/8" O.D. Tubing. Flowing Tubing Pressure: 600#

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 12,804 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing October 2, 1951 19.
The production of the first 24 hours was 1344 barrels of fluid of which 99.6% was oil; 0% emulsion; 0% water; and 0.4% sediment. Gravity, Be. 45.7
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

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 3rd Hobbs, New Mexico 10-3-51
day of October, 19. 51 Name: W. E. Shelton
Notary Public Position: District Chief Clerk
Representing: Phillips Petroleum Company
Company or Operator
My Commission expires Address: Box 2105 - Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	351		Surface sand and caliche
351	1080		Redbed
1080	2205		Redbed and shells
2205	3527		Salt & Anhydrite
3527	3808		anhydrite, salt & gyp.
3808	4730		anhydrite & gyp.
4730	8128		Dolomite
8128	8498		Dolomite & shale
8498	9334		Dolomite
9334	9423		Dolomite & chert
9423	9654		Lime
9654	9853		Dolomite, chert & shale
9853	10,034		Lime & shale
10,034	10,289		Lime & dolomite
10,289	10,462		Dolomite
10,462	10,528		Lime & dolomite
10,528	11,118		Lime & shale
11,118	11,385		Lime
11,385	11,575		Lime, shale & chert
11,575	11,755		Lime & shale
11,755	11,961		Lime & chert
11,961	12,028		Lime
12,028	12,292		Lime & shale
12,292	12,352		Lime & chert
12,352	12,708		Lime, shale & dolomite
12,708	12,804 T.D.		Lime

PHILLIPS PETROLEUM COMPANY

DRILL STEM TESTS

Fort Well No. 1

6-10-51 tested Wolfcamp formation 9298 - 9430. Open one hour. Gas to surface in 42 minutes. Circulated out 11 barrels clean oil.

6-12-51 tested Wolfcamp formation 9430 - 9480. Open two hours. Tool failed. Recovered 2-1/2' free oil.

6-14-51 tested Wolfcamp formation 9480 - 9530. Open 30 minutes. No flow to surface. Recovered 94' mud with scum of oil, no water.

6-18-51 tested 9512 to 9627. Open one hour. No shows to surface. Recovered 70' of mud, no oil, gas or water.

7-22-51 tested Mississippi Oolitic lime 11,060 - 11,260. Open four hours. Gas to surface in 22 minutes. Recovered 27 barrels salt water, no other shows.

8-29-51 tested Devonian formation 12,582 - 12,632. Open two hours. No shows to surface. Circulated out 42 barrels oil and 33 barrels oil and gas cut water blanket.

9-1-51 tested Devonian formation 12,632 - 12,770. Open two hours. Gas to surface in 10 minutes. Recovered 10 barrels oil and 19 barrels oil and gas cut mud.

PHILLIPS PETROLEUM COMPANY

DRIED SINK TESTS

Test Well No. 1

1-10-51 tested Wolfcamp formation 9238 - 9430. Open one hour. Gas to surface in 45 minutes. Circulated out 11 barrels clean oil.

6-18-51 tested Wolfcamp formation 9430 - 9480. Open two hours. Tool failed. Recovered 2-1/2' free oil.

6-18-51 tested Wolfcamp formation 9480 - 9530. Open 30 minutes. No flow to surface. Recovered 9' mud with some oil, no water.

6-18-51 tested 9530 to 9587. Open one hour. No shows to surface. Recovered 10' of mud, no oil, gas or water.

7-22-51 tested Mississippian Goltzke time 11,000 - 11,200. Open four hours. Gas to surface in 15 minutes. Recovered 27 barrels oil, water, no other shows.

1-17-51 tested Devonian formation 12,385 - 12,635. Open two hours. No shows to surface. Circulated out 45 barrels oil and 33 barrels oil and gas out water blanket.

2-1-51 tested Devonian formation 12,635 - 12,700. Open two hours. Gas to surface in 10 minutes. Recovered 10 barrels oil and 19 barrels oil and gas out mud.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work begins. A copy will be returned to the sender on which will be given the approval, modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Hobbs, New Mexico

10-3-51

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Phillips Petroleum Company Fort Well No. 1 in NE/4 NE/4
Company or Operator Lease
of Sec. 34, T. 14S, R. 37E, N. M. P. M., Wildcat Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Drill well to 12,804', run 5-1/2" OD casing to 12,799', cement with 1380 sacks cement and test for shut off.

Approved _____, 19____
except as follows:

OCT 5 - 1951

Phillips Petroleum Company
Company or Operator

By _____

Position District Chief Clerk
Send communications regarding well to

Name M. G. CrostonAddress Box 2105 Hobbs, New Mexico

OIL CONSERVATION COMMISSION,
By Ray Yashinsky
Oil & Gas Inspector

Title _____

