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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Phillips Petroleum Company Pello "A"

Well No. 328 Company or Operator Phillips Petroleum Company in NW/4 SW/4 of Sec. 2 Lease 2, T. 158
 R. 328, N. M. P. M., Wildcat Field, Lea County.
 Well is 660 feet south of the North line and 660 feet East of the West line of SW/4, Sec. 2
 If State land the oil and gas lease is No. B-9295 Assignment No. _____
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is Phillips Petroleum Company Address Bartlesville, Okla.
 Drilling commenced 9-2- 19 51 Drilling was completed 12-4- 19 51
 Name of drilling contractor Oil Well Drilling Company Address Dallas, Texas
 Elevation above sea level at top of casing 4292 feet.
 The information given is to be kept confidential until Not Confidential 19 _____

OIL SANDS OR ZONES

No. 1, from 8970' to 9530' 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 NE 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 TO	PURPOSE
13-3/8"	27.3#	Slip Jt.	Sals	365'	None			Surface
8-5/8"	28# 832#	8rd	Sals	4140'	Howco			Salt String
5-1/2"	15.5# 17#	8rd	Sals	9569'	Baker			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WIRE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	381.10'	350	Halliburton		
11"	8-5/8"	4142.30'	2575	Halliburton		
7-7/8"	5-1/2"	9280.00'	788	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
		Western Co.	9000	2-3-52	9490'-9530'	
		Western Co.	3000	2-18-52	9012'-9044'	
		Western Co.	5500	2-29-52	8970' - 9044'	

Results of shooting or chemical treatment Well would produce oil by swabbing.

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 10,400 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing April 1, 19 52
 The production of the first 24 hours was 47 barrels of fluid of which 77 % was oil; _____ % emulsion; 23 % water; and _____ % sediment. Gravity, Be. 40
 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.

Hobbs, New Mexico

4-18-52

Place

Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	381'		Caliche & Red Bed
381'	1,505'		Red Bed
1,505'	1,700'		Anhydrite & Gyp
1,700'	2,303'		Salt, Anhydrite, & Red Bed
2,303'	2,532'		Anhydrite & Salt
2,532'	2,821'		Anhydrite & Gyp
2,821'	2,980'		Anhydrite
2,980'	3,353'		Anhydrite & Shale
3,353'	3,454'		Anhydrite
3,454'	4,045'		Anhydrite & Shale
4,045'	4,940'		Line
4,940'	5,534'		Line & Dolomite
5,534'	7,686'		Line
7,686'	8,148'		Shale
8,148'	8,360'		Line & Shale
8,360'	9,106'		Line
9,106'	9,212'		Line & Chert
9,212'	9,292'		Line
9,292'	9,446'		Line & Chert
9,446'	9,575'		Line & Shale
9,575'	9,631'		Line & Chert
9,631'	10,100'		Line & Shale
10,100'	10,400'		Line

Ten of Principal Formations

Rustler	1505'
Yates	2558'
Queen	3323'
San Andres	4030'
Tubbs	6930'
Abe	7630'
Wolfcamp	8940'

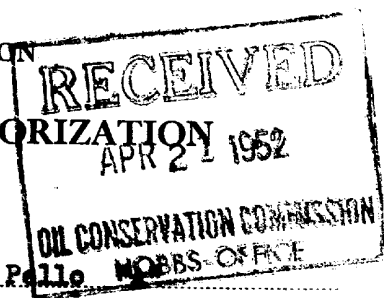
DRILL STEM TEST

- No. 1 4588' to 4663' San Andres Formation, 5/8" bottom, 1" top choke. Tool open 2 hours. Air immediately, very slight blow throughout test. Recovered 40' slightly oil and gas cut mud. No pressures.
- No. 2 8984' to 9060' Lower Abo Formation. 5/8" bottom, 1" top choke. Tool open 3 hours. Air immediately, slight blow 1 hour, fair blow 2 hours. No gas to surface. Recovered 377' oil and gas cut mud, 3' of free oil, Gravity 37. No water. Flow pressure zero. 15 minute shut in BHP 425#. Hydrostatic pressure 4500#.
- No. 3 9504' to 9532' Wolfcamp Formation. Tool open 4 hours. Air immediately gas to surface in 18 minutes, gas by heads throughout test. Recovered 3476' of free oil, Gravity 37.5. 184' heavily oil & gas cut mud, 50' slightly oil & heavily gas cut mud, no water. Flow pressure zero. to 925#. Shut in 15 minutes BHP 2700#. Hydrostatic pressure 4675#.
- No. 4 9862' to 9995' Lower Wolfcamp Formation. Tool open 3 hours, air immediately, strong blow 2 hours, 1" cut blow 1 hour. No gas. Recovered 185' mud, 920' slightly gas cut mud, 1800' gas cut salt water & mud, 2345' salt water. Flow pressure 2425#. 15 minutes shut in BHP 2875#. Hydrostatic pressure 5150#.
- No. 5 10094' to 10144' Lower Wolfcamp Formation. Tool open 2 hours. Air immediately, fair blow throughout test. No gas to surface. Recovered 651' mud cut with sulphur water, 3102' sulphur water. Flow pressure 2375#. 15 minutes shut in BHP 3725#. Hydrostatic pressure 5100#.

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL



Company or Operator Phillips Petroleum Company Lease Pello
Address Box 2105, Hobbs, New Mexico Bartlesville, Oklahoma
Unit M Wells No. 1 Sec. 2 T. 15S R. 32E Pool Wildcat County Lea
Kind of Lease State R-9295 Location of Tanks Approx. Center N/2, SW/4, Sect. 2
Transporter Stanolind Oil Purchasing Co. Address of Transporter Midland, Texas
Tulsa, Oklahoma Percent of oil to be transported 100 Other transporters authorized
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 18 day of April, 1952

Phillips Petroleum Company (Company or Operator)

By W. L. Croston Title Dist. Chief Clerk

Approved: , 1952

OIL CONSERVATION COMMISSION

By R. S. Bryman Engineer

(See Instructions on Reverse Side)

INSTRUCTIONS

Form C-110

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 or gas from the property named therein and shall remain in full force and effect until

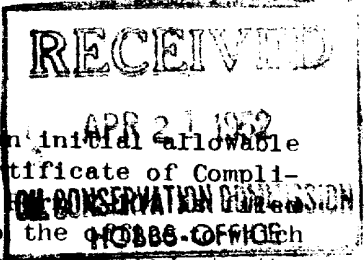
- (a) Operating ownership changes
- (b) The transporter is changed or
- (c) The permit is cancelled by the Commission.

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 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.

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



REQUEST FOR (OIL)-(GAS) ALLOWABLE

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-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until with the Commission. Form C-104 is to be submitted in triplicate 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 4-18-52 Date

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

Phillips Petroleum Company
Hobbs, New Mexico Palle "A" Well No. 1 in NW 1/4 SW 1/4
 Company or Operator Lease

section 2, T. 15S, R. 32E, N.M.P.M. Wildcat Pool Lea County

Please indicate location: Elevation 4302 DF Spudded 9-2-51 Completed 12-4-51

Total Depth 10,400 P.B. 9547
 Top Oil/Gas Pay 8970 Top Water Pay No Record
 Initial Production Test: Pump 47 Flow (BOPD OR CU. FT. GAS PER DAY)
 Based on 47 Bbls. Oil in 24 Hrs. Mins.
 Method of Test (Pitot, gauge, prover, meter run): Gauge
 Size of choke in inches Open
 Tubing (Size) 2-3/8" @ 9520 Feet
 Pressures: Tubing zero Casing zero
 Gas/Oil Ratio too small to measure Gravity 40
 Casing Perforations:
8970' - 8988', 9012' - 9044', 9490' - 9530'

Unit letter: L

Size	Feet	Sax
<u>13-3/8</u>	<u>365'</u>	<u>350</u>
<u>8-5/8"</u>	<u>4140'</u>	<u>2575</u>
<u>5-1/2"</u>	<u>9569'</u>	<u>788</u>

Acid Record: Show of Oil, Gas and water

<u>9000'</u>	Gals <u>9490'</u>	to <u>9530'</u>	S/ <u>Oil & Gas</u>
<u>3000'</u>	Gals <u>9012'</u>	to <u>9044'</u>	S/ <u>Oil & Gas</u>
<u>500</u>	Gals <u>8970</u>	to <u>8988</u>	S/ <u>Oil & Gas</u>
<u>5000</u>	<u>8970</u>	<u>9044</u>	S/ <u>Oil & Gas</u>

Shooting Record:
 _____ Qts _____ to _____ S/
 _____ Qts _____ to _____ S/
 _____ Qts _____ to _____ S/

Natural Production Test: _____ Pumping _____ Flowing
 Test after acid or shot: _____ Pumping _____ Flowing

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1505</u>	T. Devonian _____	T. Ojo Alamo _____	
T. Salt <u>1700</u>	T. Silurian _____	T. Kirtland-Fruitland _____	
B. Salt <u>3532</u>	T. Montoya _____	T. Farmington _____	
T. Yates <u>2558</u>	T. Simpson _____	T. Pictured Cliffs _____	
T. 7 Rivers _____	T. McKee _____	T. Cliff House _____	
T. Queen <u>3323</u>	T. Ellenburger _____	T. Menefee _____	
T. Grayburg _____	T. Gr. Wash _____	T. Point Lookout _____	
T. San Andres <u>4030</u>	T. Granite _____	T. Mancos _____	
T. Glorieta _____	T. _____	T. Dakota _____	
T. Drinkard _____	T. _____	T. Morrison _____	
T. Tubbs <u>6930</u>	T. _____	T. Penn _____	
T. Abo <u>7630</u>	T. _____	T. _____	
T. Penn _____	T. _____	T. _____	
T. Miss _____	T. _____	T. _____	
Wolfcamp <u>8940</u>			

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: April 1, 1951

Pipe line taking oil or gas: Standard Oil Purchasing Company

Remarks: Average in this unit - 40 acres.

Phillips Petroleum Company
Company or Operator

By: *W. Blanton*
Signature

Position: District Chief Clerk

--Send communications regarding well to:

Name: Phillips Petroleum Company

Address: Box 2101, Hobbs, New Mexico

APR 21 1952

APPROVED _____ .19

OIL CONSERVATION COMMISSION

By: *R. S. Blyman*
Title: Engineer