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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-1608

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
Phillips Petroleum Company	Santa Fe
3. Address of Operator	9. Well No.
Room B-2, Phillips Building, Odessa, Texas 79760	77
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER I , 990 FEET FROM THE East LINE AND 2310 FEET FROM THE South LINE, SECTION 26 TOWNSHIP 17-S RANGE 35-E NMPM.	Vacuum (Grayburg-San Andre)
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3910' Gr.	Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

OTHER ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOBS ☐

OTHER ☒ **Plug back some formation to eliminate water.**

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 9-6-68, RU X put Well Service Unit, pld. tbg., rods, and pump. Set Baker CIBP at 4517', dumped 1 ex cement on top to 4500' new PBTD. Abandoned San Andres perfs 4523-27'. Open perfs are 4482-4500'. Set 2-3/8" tbg at 4491', stg npl at 4490', and set 2" x 1-1/2" x 12' insert pump at 4490'. Test pumped well. On 9-13-68, pumped 24 hours, 1-1/2" pump at 16-64" SPM, rec 6 BO, 126 BSW, GOR 2760.

Restored to production status.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. J. Mueller TITLE Associate Reservoir Engineer DATE 9-17-68

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Phillips Petroleum Company

(Company or Operator)

Santa Fe

AREA 640 ACRES
LOCATE WELL CORRECTLY.Well No. 77, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 26, T. 17S, R. 35E, NMPM.Yacuma

Pool,

Lee

County.

Well is 990 feet from east line and 2310 feet from south line of Section 26. If State Land the Oil and Gas Lease No. is 2-1690Drilling Commenced 12-1-62, 19. Drilling was Completed 12-12-62, 19.Name of Drilling Contractor Blue Pacific Drilling Corp.Address Box 832 - Midland, TexasElevation above sea level at Top of Tubing Head 3930' (GL). The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 4104 to 4620' TB 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>8-5/8</u>	<u>24.4</u>	<u>New</u>	<u>321'</u>	<u>Ballib</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>4-1/2</u>	<u>11.64</u>	<u>New</u>	<u>4611'</u>	<u>Ballib</u>	<u>-</u>	<u>4482-4527</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8-5/8</u>	<u>330'</u>	<u>325</u>	<u>Pump-ping</u>		
<u>6-1/4</u>	<u>4-1/2</u>	<u>4620'</u>	<u>400</u>	<u>"</u>		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Fracture treated with 20,000 gallons refined oil, 30,000# sand, 900 gal. 15% acidResult of Production Stimulation Flowed 24 hours, 226 barrels oil, no water

Depth Cleaned Out _____

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 surface feet to 4620 TD feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 19, 1962

OIL WELL: The production during the first 24 hours was 226 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 37.6

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. Rustler 1698	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 2952	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 3832	T. Ellenburger	T. Point Lookout	
T. Grayburg 4104	T. Gr. Wash	T. Mancos	
T. San Andres 4426	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	908	908	Redbed				
908	2100	1992	Redbed, anhydrite				
2100	2940	840	Anhydrite, salt				
2940	3315	375	Anhydrite				
3315	4245	930	Anhydrite, lime				
4245	4404	159	Anhydrite				
4404	4620	216	Lime				
	TD						

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

December 20, 1962
Company or Operator Phillips Petroleum Company Address P.O. Box 2105 - Hobbs, New Mexico
Name W. G. Johnston Position or Title District Chief Clerk

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - ~~10/19/61~~ ALLOWABLE

New Well

Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

December 20, 1962

(Place)

(Date)

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

Phillips Petroleum Company

Santa Fe

, Well No. 77, in NE 1/4 SE 1/4,

(Company or Operator)

(Lease)

I

Unit Letter

Sec. 26

T. 17S

R. 35E

NMPM,

Vacuum

Pool

Lea

County. Date Spudded 12-1-62

Date Drilling Completed 12-12-62

Please indicate location:

Elevation 3910' GL Total Depth 4620' PBD 4605'

Top Oil/Gas Pay 4104' Name of Prod. Form. Grayburg-San Andres

PRODUCING INTERVAL -

Perforations 4482 - 4527'

Open Hole Depth Casing Shoe Depth Tubing 4560'

OIL WELL TEST -

None prior to fracture treatment

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 226 bbls. oil, 0 bbls water in 24 hrs, 0 min. Size 3/4"

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): Frac w/20,000 gal RO, 30000# sand, 500 gal 15% acid

Casing Tubing Date first new Press. 4700# oil run to tanks December 19, 1962

Oil Transporter Texas-New Mexico Pipeline Company

Gas Transporter Phillips Petroleum Company

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved: 19

Phillips Petroleum Company

(Company or Operator)

By: W. J. G. (Signature)

(Signature)

Title: District Chief Clerk

Send Communications regarding well to:

Name: Phillips Petroleum Company

Box 2105-Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By: (Signature)

Title: