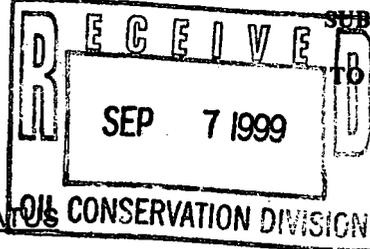


Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131



SUBMIT ORIGINAL PLUS 2 COPIES TO THE SANTA FE OFFICE

APPLICATION FOR NEW WELL STATUS

- District I - (505) 393-6161
District II - (505) 748-1283
District III - (505) 334-6178
District IV - (505) 827-7131

I. Operator and Well

Operator name & address: Phillips Petroleum Company, 4001 Penbrook St., Odessa, TX 79762. OGRID Number: 017643. Contact Party: L. M. Sanders, Phone: 915/368-1488. Property Name: Tomahawk 19 State, Well Number: 1, API Number: 30-025-34583. Well details table with columns: UL, Section, Township, Range, Feet From The, North/South Line, Feet From The, East/West Line, County.

II. Date/Time Information

Spud Date: 03/23/99, Spud Time: 1100, Date Completed: 06/04/99, Pool: Vacuum Atoka-Morrow North (Gas)

III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

Affidavit section containing state and county information (Texas, Ector), a sworn statement by L.M. Sanders, and a signature block with title 'Supervisor, Regulation/Proration' and date '09/02/99'. Includes a notary public stamp for Celeste G. Dale, Notary Public, State of Texas, commission expires 02/12/00.

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature block for P.E. Speer, dated 9-8-99.

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: SEP 08 1999

NOTICE: The operator must notify all working interest owners of this New Well certification.

PNZV2006534041

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.  
30-025-34583

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.

**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.)

7. Lease Name or Unit Agreement Name  
Tomahawk St. 19

1. Type of Well:  
OIL WELL  GAS WELL  OTHER

8. Well No. 1

2. Name of Operator  
Patterson Petroleum, Inc.

9. Pool name or Wildcat  
N. Vacuum

3. Address of Operator  
P.O. Drawer 1416  
Snyder, TX 79550

4. Well Location  
Unit Letter H : 2616 Feet From The North Line and 1148 Feet From The East Line  
Section 19 Township 175 Range 34E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
4092' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

PERFORM REMEDIAL WORK  PLUG AND ABANDON   
TEMPORARILY ABANDON  CHANGE PLANS   
PULL OR ALTER CASING   
OTHER: \_\_\_\_\_

REMEDIAL WORK  ALTERING CASING   
COMMENCE DRILLING OPERATIONS  PLUG AND ABANDONMENT   
CASING TEST AND CEMENT JOB   
OTHER: \_\_\_\_\_

12. 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.

03/22/99 MIRU Patterson Drilling Rig #46  
03/23/99 Notified NMOCD @8:30 a.m. MST of intent to spud well, run casing & cement surface casing. Spud well @11:00 a.m. MST. Drilled to 412' w/17½" bit. Circulate & condition hole. RU casing crew. Ran 9 jts of 13-3/8" 48#/ft H-40 STC casing w/5 centralizers set @411', baffle plate @364'. RD casing crew. RU Dowell. Pumped 450 sx class "C" w/2% CCL mixed @14.8 #/gal. Bumped plug @8:00 p.m. MST to 500 psi. Circulated 182 sx cement to pit. RD Dowell. WOC. Cut off surface casing. Weld on bradenhead. NUBOP. Test BOP.  
03/24/99 Pressure tested surface casing to 600 psi, O.K. Started drilling cement @2:00 p.m. MST. Drilled formation 412' - 1950' w/11" bit.  
03/25/99 Drilled/surveyed 1950' - 2807'. Tripped for bit. Drilled/surveyed 2807' - 2905'.  
03/26/99 Drilled/surveyed 2905' - 3260'.  
03/27/99 Drilled/surveyed 3260' - 3570'.  
03/28/99 Drilled/surveyed 3570' - 3780'. OVER

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

SIGNATURE Nolan von Roeder TITLE Petroleum Engineer DATE 03/05/99

TYPE OR PRINT NAME Nolan von Roeder TELEPHONE NO. 915/573/1938

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**

2040 Pacheco St.  
Santa Fe, NM 87505

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. <b>30-025-34583</b>
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name <b>TOMAHAWK 19 STATE</b>
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	8. Well No. <b>1</b>
2. Name of Operator <b>Phillips Petroleum Company</b>	9. Pool name or Wildcat <b>VACUUM ATOKA-MORROW NORTH (GAS)</b>
3. Address of Operator <b>4001 Penbrook Street Odessa, TX 79762</b>	

4. Well Location  
Unit Letter **H** : **2616** Feet From The **NORTH** Line and **1148** Feet From The **EAST** Line  
Section **19** Township **17-S** Range **34-E** NMPM **LEA** County

10. Date Spudded <b>03/23/99</b>	11. Date T.D. Reached <b>05/05/99</b>	12. Date Compl.(Ready to Prod.) <b>06/04/99</b>	13. Elevations(DF & RKB, RT, GR, etc.) <b>4092' GR, 4109.5' KB</b>	14. Elev. Casinghead
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15. Total Depth <b>13,518'</b>	16. Plug Back T.D. <b>13,492'</b>	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By <b>X</b>	Rotary Tools	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name  
**13,254-274' / 13,446-456' ATOKA**

20. Was Directional Survey Made  
**YES, ENCLOSED**

21. Type Electric and Other Logs Run  
**BHC/SON/GR, AZIMUTHAL LL/MCFL/GR, CNL/DEN/GR**

22. Was Well Cored  
**NO**

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#. J-55	411'	17-1/2"	450 SX CL"C" CIRC 182 SX	
8-5/8"	32#. K-55	4790'	11"	1900 SX POZ/"C" CIRC 165SX	
5-1/2"	17#. LS-110		7-7/8"	DV TOOL@10,478'	
5-1/2"	20#. S-95	13,517'	7-7/8"	1ST STAGE-800 SX POZ/"H"	
				2ND STAGE-450 SX POZ/"H"	

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8" N-80	13,072'	13,060'
					6.5#/FT		

26. Perforation record (interval, size, and number)  
**13,254-274' (4 SPF)**  
**13,446-456' (4 SPF)**

27. **ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. **PRODUCTION**

Date First Production <b>06/04/99</b>	Production Method (Flowing, gas lift, pumping - Size and type pump) <b>FLOWING</b>	Well Status (Prod. or Shut-in) <b>PROD.</b>					
Date of Test <b>08/04/99</b>	Hours Tested <b>4</b>	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF <b>85</b>	Water - Bbl.	Gas - Oil Ratio <b>DRY GAS</b>
Flow Tubing Press. <b>430</b>	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF <b>510</b>	Water - Bbl.	Oil Gravity - API (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**SOLD**

Test Witnessed By

30. List Attachments  
**NMOC FORM C-122, BACK PRESSURE CURVE, DATA SHEET, LAB ANALYSIS**

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *L. M. Sanders* Printed Name **L. M. SANDERS, SUPERVISOR** Title **REG./PROR.** Date **09/02/99**



District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

STATE OF NEW MEXICO  
 Energy, Minerals & Natural Resources Department

Revised October 18, 1994

**OIL CONSERVATION DIVISION**  
 2040 South Pacheco  
 Santa Fe, NM 87505

Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

Operator name and Address Phillips Petroleum Company 4001 Penbrook Street Odessa, TX 79762		PBR Regulatory Section  JUN 25 1999	OGRID Number 017643
API Number 30 - 025-34583		Pool Name N. Vacuum - Morrow	Reason for Filing Code CH 06/04/99
Property Code 24273 24690	Property Name Tomahawk st. 19 State		Pool Code 86800
			Well Number 1

**II. <sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	19	17S	34E		2616	North	1148	East	Lea

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Lee Code S	<sup>13</sup> Producing Method Code New Drill	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description

**V. Well Completion Data**

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PFTD	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>L. M. Sanders</i> Printed name: L. M. Sanders Title: Supervisor, Regulation/Proration Date: 06/14/99 Phone: 915/368-1488	<b>OIL CONSERVATION DIVISION</b> Approved by ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR	
	Title:	
	Approval Date: 6/14/99	
	* If this is a change of operator fill in the OGRID number and name of the previous operator Patterson Petroleum, Inc. OGRID #141928	
Previous Operator Signature <i>Nolan von Roeder</i>	Printed Name Nolan von Roeder	Title Petroleum Engineer
		Date 06/10/99

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Instructions on back  
Submit to Appropriate District Office  
5 Copies

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Phillips Petroleum Company 4001 Penbrook Street Odessa, TX 79762		<sup>2</sup> OGRID Number 017643
		<sup>3</sup> Reason for Filing Code AO EFF. 08/01/99
<sup>4</sup> API Number 30-0 25-34583	<sup>5</sup> Pool Name VACUUM ATOKA-MORROW NORTH (GAS)	<sup>6</sup> Pool Code 86800
<sup>7</sup> Property Code 24690	<sup>8</sup> Property Name TOMAHAWK 19 STATE	<sup>9</sup> Well Number 1

**II. <sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	19	17-S	34-E		2616	NORTH	1148	EAST	LEA

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	19	17-S	34-E		2616	NORTH	1148	EAST	LEA
<sup>12</sup> Lse Code S	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 06/04/99		<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date			

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
017643	PHILLIPS PETROLEUM COMPANY 4001 PENBROOK ST. ODESSA, TX 79762	2823477	0	UL "H", Sec. 19, T-17-S, R-34-E 2616' FNL & 1148' FEL, Lea Co., NM
009171	GPM GAS SERVICES COMPANY 1030 PLAZA OFFICE BLDG. BARTLESVILLE, OK 74004		G	UL "H", SEC. 19, T-17-S, R-34-E, 2616' FNL & 1148' FEL LEA CO., NM

**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description UL "H", SEC. 19, T-17-S, R-34-E, 2616' FNL, 1148' FEL
-------------------	---

**V. Well Completion Data**

<sup>25</sup> Spud Date 03/24/99	<sup>26</sup> Ready Date 06/04/99	<sup>27</sup> TD 13,518'	<sup>28</sup> PBSD 13,492'	<sup>29</sup> Perforations 13,254-13,456'	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Sie 17-1/2"	<sup>32</sup> Casing & Tubing Size 13-3/8"	<sup>33</sup> Depth Set 411'	<sup>34</sup> Sacks Cement 450 SX CL "C"		
11"	8-5/8"	4790'	1900 SX CL "C"		
7-7/8"	5-1/2"	13517'	1250 SX CL "H"		

**VI. Well Test Data**

<sup>35</sup> Date New Oil 06/04/99	<sup>36</sup> Gas Delivery Date 06/04/99	<sup>37</sup> Test Date 08/04/99	<sup>38</sup> Test Length 4 HRS.	<sup>39</sup> Tbg. Pressure 430#	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water 0	<sup>44</sup> Gas 85 MCF	<sup>45</sup> AOF 758 MCFPD	<sup>46</sup> Test Method 4 PT (TOTAL FLOWMETER)

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *M. Sanders*  
Printed name: M. SANDERS  
Title: SUPERVISOR, REGULATION/PRORATION  
Date: 08/19/99  
Phone: 915/368-1488

**OIL CONSERVATION DIVISION**

Approved by: \_\_\_\_\_  
Title: \_\_\_\_\_  
Approval Date: \_\_\_\_\_

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

**Working Interest Owners  
Tomahawk 19 State Well #1  
Lea County, New Mexico**

**Patterson Petroleum, Inc.  
P. O. Drawer 1416  
Snyder, TX 79550  
(915) 573-1938**

**50%**

**Phillips Petroleum Company  
4001 Penbrook St.  
Odessa, TX 79762  
(915) 368-1488**

**50%**