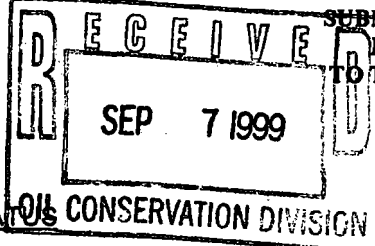


Energy Minerals and Natural Resources Department

Oil Conservation Division

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



APPLICATION FOR NEW WELL STATUS

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
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	
UL H	Section 19	Township 17-S	Range 34-E	Feet From The 2616	North/South Line North	Feet From The 1148	East/West Line East	County Lea

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:

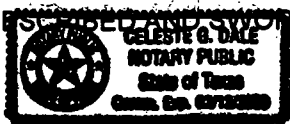
State of Texas)
County of Ector) ss.

L.M. Sanders, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature L.M. Sanders Title Supervisor, Regulation/ Date 09/02/99
Proration

SUBSCRIBED AND SWORN TO before me this 2nd day of September, 1999.



Celeste G. Dale
Notary Public Celeste G. Dale

My 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 <u>Mark E. Kelly</u>	Title <u>P.E. Speer</u>	Date <u>9-8-99</u>
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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.

PVZV2006534041

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.)

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

2. Name of Operator

Patterson Petroleum, Inc.

3. Address of Operator

P.O. Drawer 1416
Snyder, TX 79550

7. Lease Name or Unit Agreement Name

Tomahawk St. 19

8. Well No.

1

9. Pool name or Wildcat

N. Vacuum

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:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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 NMOCN @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 ORIGINAL OF WILLIAMS TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

2040 Pacheco St.
Santa Fe, NM 87505

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

WELL API NO. 30-025-34583
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 TOMAHAWK 19 STATE
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 _____	
2. Name of Operator Phillips Petroleum Company	
3. Address of Operator 4001 Penbrook Street Odessa, TX 79762	
8. Well No. 1	
9. Pool name or Wildcat VACUUM ATOKA-MORROW NORTH (GAS)	

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 03/23/99	11. Date T.D. Reached 05/05/99	12. Date Compl.(Ready to Prod.) 06/04/99	13. Elevations(DF & RKB, RT, GR, etc.) 4092' GR, 4109.5' KB	14. Elev. Casinghead
-------------------------------------	--	--	---	----------------------

15. Total Depth 13,518'	16. Plug Back T.D. 13,492'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X	Rotary Tools	Cable Tools
-----------------------------------	--------------------------------------	--	--------------------------------------	--------------	-------------

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

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By
---	-------------------

30. List Attachments
NMOCD 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**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northeastern New Mexico

T. Anhy	1524'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn	12,328'	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	12,562'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2824'	T. Miss	13,458'	T. Cliff House		T. Leadville	
T. 7 Rivers	3172'	T. Devonian		T. Menefee		T. Madison	
T. Queen	3820'	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4613'	T. Simpson		T. Gallup		T. Ignacio Otzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	7603'	T. Delaware Sand		T. Todilto		T.	
T. Drinkard		T. Bone Springs		T. Entrada		T.	
T. Abo	8195'	T.		T. Wingate		T.	
T. Wolfcamp	10,110'	T.		T. Chinle		T.	
T. Penn		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 13.444' to 13.457' No. 3, from 12.818' to 12.827'

No. 2, from 13.253' to 13.268' No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505☐ 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. ¹⁰ 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

¹¹ 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
Lee Code S	Producing Method Code New Drill	Gas Connection Date		C-129 Permit Number		C-129 Effective Date		C-129 Expiration Date	

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description

IV. Produced Water

POD	POD ULSTR Location and Description

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DHC, DC, MC
Hole Size	Casing & Tubing Size	Depth Set		Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	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:

Printed name:

L. M. Sanders

Title:

Supervisor, Regulation/Proration

Date:

06/14/99

Phone:

915/368-1488

OIL CONSERVATION DIVISION

Approved by ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT SUPERVISOR

Title:

Approval Date:

JUN 15 1999

* 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

Printed Name

Nolan von Roeder

Title

Petroleum Engineer

Date

06/10/99

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

State of New Mexico
Enr. Minerals & Natural Resources Department

Form C-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

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

II. ¹⁰ 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

¹¹ 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
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 06/04/99		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² 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

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

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, DC, MC
03/24/99	06/04/99	13,518'	13,492'	13,254-13,456'	
³¹ Hole Sie	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17-1/2"	13-3/8"	411'	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

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

⁴⁷ 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: *C. 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:

⁴⁷ 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%