

**BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS**

In the matter of an order to show cause issued) Docket No.: 23-CONS-3176-CSHO
to Great Plains Petroleum, Inc. (Operator) for)
a plugging order at the Stumps #4 well in) CONSERVATION DIVISION
Barton County, Kansas.)
_____) License No.: 30163

**PRE-FILED DIRECT TESTIMONY
OF
RICHARD WILLIAMS
ON BEHALF OF COMMISSION STAFF
JUNE 2, 2023**

1 **Q. What is your name and business address?**

2 A. Richard Williams, 2301 E. 13th Street, Hays, Kansas, 67601.

3 **Q. By whom are you employed and in what capacity?**

4 A. I am employed by the Conservation Division of the Kansas Corporation Commission (KCC
5 or Commission), District #4 Office, as Compliance Officer, Temporary Abandonment (TA)
6 Coordinator, and Environmental Compliance and Regulatory Specialist (ECRS).

7 **Q. Would you please briefly describe your background and work experience.**

8 A. After attending college for two years, I worked for an independent oil and gas operator in
9 Kansas. During my fifteen years with this operator I worked as a production superintendent,
10 where I was responsible for completing and maintaining wells and overseeing day to day
11 operations. In 1997, I began working for the Commission as a Petroleum Industry Regulatory
12 Technician. After a statewide reclassification of environmental positions, I am now an ECRS.
13 In 2000, I became the TA coordinator for the District #4 Office. Additionally, since 2014,
14 I have served as the District #4 Compliance Officer.

15 **Q. What are your duties with the Conservation Division?**

16 A. As Compliance Officer, I review operator data for compliance with Commission regulations
17 and prepare evidence necessary to recommend penalties for probable violations of those
18 regulations. Specifically, my job includes reviewing Staff field reports, coordinating day-to-
19 day operations of the District #4 Office, sending Notice of Violation (NOV) letters, and
20 generally trying to resolve compliance issues. I work to coordinate scheduling of Staff-
21 witnessed well completions, well pluggings, and mechanical integrity tests (MITs).
22 I coordinate the investigation of spills and complaints, verify proper construction of wells,
23 help train District Staff, and work with Commission Staff in Wichita. I conduct inspections

1 and investigations on special projects, or in the absence of assigned Staff, whenever necessary.

2 I work with lease operators, landowners, local, county, and state agencies and organizations

3 to resolve oil and gas related issues.

4 **Q. Have you previously testified before this Commission?**

5 A. Yes.

6 **Q. What is the purpose of your testimony in this matter?**

7 A. The purpose of my testimony is to discuss the evidence supporting Staff's belief that Operator

8 should be ordered by the Commission to plug the Stumps #4 well (Subject Well) at issue in

9 Docket 23-CONS-3176-CSHO.

10 **Q. Please provide a brief compliance history for the Subject Well.**

11 A. On July 24, 2018, the Commission issued a Penalty Order in Docket 19-CONS-3029-CPEN

12 (Docket 19-3029) for the Subject Well. The Commission found that Operator committed one

13 violation of K.A.R. 82-3-407 for not conducting a current and successful MIT on the Subject

14 Well.

15 As Operator had not come into compliance with the Penalty Order in Docket 19-3029

16 within thirty days, Staff suspended Operator's license on August 30, 2018. Operator and Staff

17 subsequently reached an agreement that Operator would perform an MIT on the Subject Well

18 above all perforations, and then after six months Operator would plug the well, produce oil

19 from the well, or reconstruct the well. The Subject Well passed an MIT above the perforations

20 on September 14, 2018, and a recording of the agreement was written on the MIT form (the

21 form is attached to my testimony as *Exhibit RW-1*). Staff sent Operator a Notice of Violation

22 (NOV) letter regarding the agreement, stating that the Subject Well did not meet the

23 production tubing requirements in injection permit D-11,083, and providing a six-month

1 deadline of March 14, 2019, to bring the well into compliance with the agreement (the letter
2 is attached to Todd Bryant's testimony as *Exhibit TB-4*). As a result of the agreement,
3 Operator's license was unsuspended in Docket 19-3029 on September 18, 2018.

4 **Q. Did Operator bring the Subject Well into compliance with the agreement by the**
5 **deadline?**

6 A. No, Operator did not. On November 30, 2018, Staff sent a letter reminding Operator that an
7 MIT was due on the Subject Well by March 15, 2019 (the letter is attached to my testimony
8 as *Exhibit RW-2*). Operator performed an MIT on the Subject Well on April 17, 2019 (which
9 was after the deadline in the letter). The MIT failed because the well was still not constructed
10 or operated as required by the agreement between Staff and Operator (the failed MIT is
11 attached to my testimony as *Exhibit RW-3*).

12 As a consequence of the Subject Well still being out of compliance with the agreement
13 between Staff and Operator, the Commission issued a Penalty Order on June 11, 2019, in
14 Docket 19-CONS-3395-CPEN (Docket 19-3395). The Commission found that Operator
15 committed one violation of K.A.R. 82-3-408 for not being in compliance with injection permit
16 D-11,083. The Commission concluded that the Subject Well was not constructed or operated
17 as the injection permit required. The Commission also found that Operator failed to apply for
18 a modification of the injection permit as required by K.A.R. 82-3-408.

19 As detailed in Environmental Program Administrator Supervisor Todd Bryant's testimony,
20 Operator submitted a modification application for the Subject Well on October 7, 2019, but
21 did not supply additional information as requested by Staff. For that reason, Staff revoked
22 injection permit D-11,083 for the Subject Well on May 23, 2022.

1 **Q. When was the last time the Subject Well produced oil?**

2 A. According to the Kansas Geological Survey (KGS), the last time the Stumps lease produced
3 oil was June 2015 (the KGS production record is attached to my testimony as
4 *Exhibit RW-4*). There are three wells on the Stumps lease, though, including the Subject Well.
5 It is therefore possible that the Subject Well has not produced oil since before 2015.

6 **Q. When was the last time Operator injected fluids into the Subject Well?**

7 A. According to the Annual Fluid Injection (U3C) forms submitted by Operator, fluid was last
8 injected into the Subject Well in August 2017. The U3C forms show that Operator has not
9 injected any fluids into the well since that date. The U3C forms submitted by Operator for
10 injection in calendar years 2017 through 2021 are attached to my testimony as
11 *Exhibit RW-5*.

12 **Q. Does Operator currently have a lease for the Subject Well?**

13 A. As far as I am aware, Operator does not currently have a lease. I have spoken to the landowner
14 where the Subject Well is located, and he has indicated that Operator does not have a current
15 lease for the Subject Well.

16 **Q. Do you believe the Subject Well presents a threat to fresh and usable waters?**

17 A. Yes, I do. Without a current and successful MIT, the Subject Well could present a threat to
18 fresh and usable waters.

19 **Q. Do you believe the Subject Well is a potential source of waste?**

20 A. Yes. The packer in the Subject Well is set above both the producing zone and the disposal
21 zone. That means that water from the disposal zone in the lower Arbuckle formation could
22 potentially be flooding out oil in the producing zone in the upper Arbuckle formation. Such

1 flooding may not only create a potential source of waste, but may also negatively impact
2 correlative rights for other oil producers in the area.

3 **Q. Please summarize your recommendations.**

4 A. The Commission should order Operator to plug the Subject Well. The Subject Well has been
5 out of compliance with Commission orders and regulations since at least 2018. Additionally,
6 the Subject Well is a potential threat to fresh and usable waters, and a potential source of
7 waste. For those reasons, the Commission should order Operator to plug the Subject Well.

8 **Q. Does this conclude your testimony?**

9 A. Yes.

CASING MECHANICAL INTEGRITY TEST

DOCKET # D-11,083

Disposal Well Enhanced Recovery:
 Repressuring
 Flood
 Tertiary
 Date injection started _____
 API #15-009 - 19144

SW SW NE, Sec 3, T 17 S, R 12 E/W
2970 Feet from South Section Line
2310 Feet from East Section Line
 Lease Stumps Well # 4
 County Barton

Operator: Great Plains Petroleum
 Name & Address 221 Circle drive
Wichita, KS 67218

Operator License # 30163
 Contact Person Rod Phares
 Phone 316-685-8800

KCC
SEP 18 2018
HAYS, KS

Max. Auth. Injection Press. 0 Psi; Max Inj. Rate 3000 bbl/d;
 If Dual Completion - Injection above production _____ Injection below production _____

Size	Conductor	Surface	Production	Liner	Size	Tubing
		<u>10 3/4</u>	<u>7"</u>			<u>2 3/8</u>
Set at		<u>277</u>	<u>3442</u>		Set at	<u>3293</u>
Cement Top		<u>surface</u>			Type	<u>seal-ite steel</u>
" Bottom						

DV/Perf. _____ TD (and plug back) _____ ft. depth
 Packer type Baker SPAC coated Size 7" Set at 3293
 Zone of injection 3442 ft. to ft. 3502 Perf. or open hole open hole

Type MIT: Pressure: Radioactive Tracer Survey: Temperature Survey:
 F Time: Start 7:07 Min. 7:17 Min. 30 Min.

I
 E Pressures: 350 350 350 Set up 1 System Pres. during test _____
 L Set up 2 Annular Pres. during test _____
 D Set up 3 Fluid loss during test _____ bbls.

A T Tested: Casing or Casing - Tubing Annulus
 A The bottom of the tested zone in shut in with packer
** Pass. In 6 months, the operator must plug, produce as an artifice producer there - by cancelling docket or re-construct as a dual completed well. Per order of Rene, Stucky. JD*

Test Date 9/14/2018 Using Shenels tank service Company's Equipment _____

The operator hereby certifies that the zone between φ feet and 3293 feet
 was the zone tested [Signature] 9/14/18 Title _____

The results were Satisfactory , Marginal _____, Not Satisfactory _____
 State Agent: Chris Neeley Title: professional geologist Witness: YES NO _____

PASSED

REMARKS: _____

Origin. Conservation Div.: KDHE/T: Dist. Office
 Computer Update **Is there Chemical Sealant or a Mechanical Casing patch in the annular space? (Y/N)**
 GPS Lat _____ GPS Long _____ (If YES please describe in REMARKS)
 Exhibit RC-1 Form U-7
 Page 1 of 1

CONSERVATION DIVISION
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Jeff Colyer, M.D., Governor

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Dwight D. Keen, Commissioner

November 30, 2018

Rod A Phares
Great Plains Petroleum, Inc.
221 CIRCLE DR
WICHITA KS 67218-1207

License: 30163

REMINDER
MECHANICAL INTEGRITY TEST
APPROACHING DEADLINE

RE: Mechanical Integrity Test Reminder

Dear Operator:

Commission records indicate that the wells on the attached list will soon be due for a Mechanical Integrity Test (MIT). The applicable due date for each well is on the list.

For any questions, or to schedule a testing date, please contact the appropriate District Staff at one of the following phone numbers:

District #1, (620) 682-7933
District #2, (316) 337-7400
District #3, (620) 902-6450
District #4, (785) 261-6250

- The date of the MIT must be mutually agreed upon with District Staff.
- Please contact the appropriate district staff at least 2 days prior to your proposed testing date.
- A representative of the operator must be on site during each MIT.

Failure to conduct any MIT by the applicable due date shall be punishable by a \$1,000 per-well penalty.

Sincerely,

KCC Underground Injection Control Staff

November 30, 2018

List of Wells: Due for a Mechanical Integrity Test

DOCKET	API Well #	Lease Name / Well #	Well Location	County	MIT Expiration
D11083.0	15-009-19144-00-00	STUMPS 4	3-17S-12W, SWSWNE	BARTON	3/15/2019
D26925.0	15-119-20754-00-01	LARRABEE 3	14-34S-29W, S2SW	MEADE	3/24/2019

CASING MECHANICAL INTEGRITY TEST

DOCKET# D-11, 083.00.00

Disposal Well Enhanced Recovery:
Repressuring
Flood
Tertiary

SW SW NE, Sec 3, T 17 S, R 12 W
GPS:
2868' 2970 Feet from South Section Line
2323 2310 Feet from East Section Line
Lease Stumps Well # 4
County BARTON

Date injection started _____
API #15- 009-19144-00.00

Operator: GREAT PLAINS PETROLEUM Operator License# 30163

Name & Address 221 CIRCLE DRIVE Contact Person ROD PHARES

WICHITA, KS. 67218 Phone (316) 685-8800

Max. Auth. Injection Press 0 Psi; Max Inj. Rate 3000 bbl/d;
If Dual Completion - Injection above production _____ Injection below production _____
Conductor Surface Production ~~Line PROD~~ Tubing
Size _____ 10 3/4 7" 2 3/8 TUBING Size 2 3/8"
Set at _____ w/ 3442 w/ 3277 Set at 3293
Cement Top _____ Type LINED
" Bottom _____
DV/Perf. _____ TD (and plug back) TD 3505 ft. depth
Packer type BAKER MODEL D Size 2 3/8 X 7" Set at 3293'
Zone of injection 3442 ft. to ft. 3502 Perf. or open hole OPEN HOLE

Type MIT: Pressure: 02 Radioactive Tracer Survey: Temperature Survey:

F Time: Start 0 Min 15 Min 30 Min
I
E Pressures: 300# 300# 300# Set up 1 System Pres. during test _____
L
D WELL PRESSURE UP HELD Set up 2 Annular Pres. during test _____

D _____ Set up 3 Fluid loss during test _____ bbls.
A
T Tested: Casing or Casing - Tubing Annulus ** Failed as well is not constructed or operates as the permit requires. ID*
A

The bottom of the tested zone in shut in with PACKER
Test Date 04/17/2019 Using SHANE'S TANK SERVICE Company's Equipment

The operator hereby certifies that the zone between 0 feet and 3293 feet
was the zone tested _____
Signature _____ Title NEED SIGNATURE

The results were Satisfactory _____ Marginal _____ Not Satisfactory XXX
State Agent: _____ Title: E.C.R.S. Witness: YES NO **FAILED**

REMARKS: NOT CONSTRUCTED AS PERMITTED

KCC Origin. Conservation Div.: KDHE/T: 4 Dist. Office
 Computer Update Is there Chemical Sealant or a Mechanical Casing patch in the annular space? (Y/N) N

GPS Lat 38.60240 GPS Long 99.63603 (If YES please describe in REMARKS)
Exhibit RW-3 Page 1 of 1 KCC Form U-7
2868 F.S.L. 2323 F.E.L.

Lease: STUMPS

Operator: Great Plains Petroleum, Inc.

Location: NW SW NE T17S, R12W, Sec. 3

Cumulative Production: 297979.62 barrels (from 1964 to 2015)

KS Dept. of Revenue Lease Code: 103620

KS Dept. of Revenue Lease Name: STUMPS

Field: [Odin](#)

County: Barton

Producing Zone: Arbuckle Group

Well Data (may be an incomplete list):

T17S R12W, Sec. 3, SW SW NE Lease: STUMPS 4 Operator: MAYFIELD-SMITH / F W SMITH Current Operator: Great Plains Petroleum, Inc. API Number: 15-009-19144	T17S R12W, Sec. 3, SW NW NE Lease: STUMPS 2 Operator: FLOYD W. SMITH Current Operator: Great Plains Petroleum, Inc. API Number: 15-009-19189
T17S R12W, Sec. 3, NW SW NE Lease: STUMPS 1 Operator: MAYFIELD-SMITH & FLOYD SMITH Current Operator: Great Plains Petroleum, Inc. API Number: 15-009-04669	

Data are received monthly from the Kansas Department of Revenue.

Annual Oil Production, (bbls)

Recent Monthly Oil Production, (bbls)

(Complete production available in file saved using blue button at top of page.)

Year	Production	Wells
Production Plots		
1964	31,063	2
1965	35,016	2
1966	18,762	2
1967	19,513	2
1968	15,470	2
1969	10,850	2
1970	8,090	2
1971	7,251	2
1972	6,426	2
1973	5,831	1
1974	6,050	1
1975	5,338	1
1976	4,469	1
1977	4,669	1
1978	4,239	1
1979	4,252	1
1980	3,395	1
1981	5,582	1
1982	5,851	1
1983	6,511	1
1984	5,529	1
1985	5,657	1
1986	6,135	1
1987	5,519	1
1988	5,070	1
1989	5,857	1
1990	6,596	1
1991	4,945	1
1992	4,341	1
1993	4,245	1
1994	3,758	1
1995	2,945	1
1996	2,683	3
1997	2,328	2
1998	1,854	2
1999	1,403	2
2000	1,039	2
2001	1,684	2
2002	1,900	2
2003	1,688	2

Year	Month	Production	Wells	Reporter or Purchaser/ Reporting Customer
2015	6	170.4	2	CHS McPherson Refinery, Inc (100%)

2004	1,809	2
2005	1,662	2
2006	1,564	2
2007	1,483	2
2008	1,516	2
2009	1,511	2
2010	1,297	2
2011	1,177	2
2012	1,349	2
2013	637	2
2014	-	-
2015	170	2

Reported through 6-2015.

Note: bbls is barrels; mcf is 1000 cubic feet.

Pre-1987 cumulative data and monthly volume data is provided under license agreement to the KGS by IHS Energy. As such, it may be reviewed and used for public service and research purposes. It may not be downloaded or used for purposes of re-packaging, reselling or dissemination to third parties.

Kansas Geological Survey
Comments to webadmin@kgs.ku.edu
URL=<http://www.kgs.ku.edu/Magellan/Field/lease.html>
Programs Updated May 27, 2014
Data from Kansas Dept. of Revenue files monthly.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U3C
June 2015
Form must be Typed
Form must be completed
on a per well basis

**ANNUAL REPORT OF PRESSURE MONITORING,
FLUID INJECTION AND ENHANCED RECOVERY**

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # 30163
Name: Great Plains Petroleum, Inc.
Address 1: 221 CIRCLE DR
Address 2: _____
City: WICHITA State: KS Zip: 67218 + 1207
Contact Person: Rod Phares
Phone: (316) 685-8800
Lease Name: STUMPS
Well Number: 4

API No.: 15-009-19144-00-00
Permit No.: D11083.0
Reporting Year: 2017
(January 1 to December 31)
____ - SW - SW - NE Sec. 3 Twp. 17 S. R. 12 E W
(a/a/a/a)
2880 feet from N / S Line of Section
2575 feet from E / W Line of Section
County: Barton

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: 0 psi Injection Zone: ARBUCKLE
Maximum Authorized Injection Rate: 3000 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III. Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
January	<u>3472</u>	<u>0</u>	<u>0</u>		<u>14</u>
February	<u>0</u>		<u>0</u>		
March	<u>0</u>		<u>0</u>		
April	<u>2480</u>	<u>0</u>	<u>0</u>		<u>10</u>
May	<u>0</u>		<u>0</u>		
June	<u>0</u>		<u>0</u>		
July	<u>0</u>		<u>0</u>		
August	<u>3472</u>	<u>0</u>	<u>0</u>		<u>14</u>
September	<u>0</u>		<u>0</u>		
October	<u>0</u>		<u>0</u>		
November	<u>0</u>		<u>0</u>		
December	<u>0</u>		<u>0</u>		
TOTAL	<u>9424</u>		<u>0</u>		

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City: WICHITA State: KS Zip: 67218 + 1207
Contact Person: Rod Phares
Phone: (316) 685-8800
Lease Name: STUMPS
Well Number: 4

API No.: 15-009-19144-00-00
Permit No.: D11083.0
Reporting Year: 2018
(January 1 to December 31)
____ - SW - SW - NE Sec. 3 Twp. 17 S. R. 12 E W
(a/a/a/a)
2880 feet from N / S Line of Section
2575 feet from E / W Line of Section
County: Barton

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: 0 psi Injection Zone: ARBUCKLE
Maximum Authorized Injection Rate: 3000 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	<u>0</u>	_____	<u>0</u>	_____	_____
	February	<u>0</u>	_____	<u>0</u>	_____	_____
	March	<u>0</u>	_____	<u>0</u>	_____	_____
	April	<u>0</u>	_____	<u>0</u>	_____	_____
	May	<u>0</u>	_____	<u>0</u>	_____	_____
	June	<u>0</u>	_____	<u>0</u>	_____	_____
	July	<u>0</u>	_____	<u>0</u>	_____	_____
	August	<u>0</u>	_____	<u>0</u>	_____	_____
	September	<u>0</u>	_____	<u>0</u>	_____	_____
	October	<u>0</u>	_____	<u>0</u>	_____	_____
	November	<u>0</u>	_____	<u>0</u>	_____	_____
	December	<u>0</u>	_____	<u>0</u>	_____	_____
	TOTAL	<u>0</u>	_____	<u>0</u>	_____	_____

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Lease Name: STUMPS
Well Number: 4

API No.: 15-009-19144-00-00
Permit No.: D11083.0
Reporting Year: 2019
(January 1 to December 31)
____ - SW - SW - NE Sec. 3 Twp. 17 S. R. 12 E W
(a/a/a/a)
2880 feet from N / S Line of Section
2575 feet from E / W Line of Section
County: Barton

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: 0 psi Injection Zone: ARBUCKLE
Maximum Authorized Injection Rate: 3000 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	<u>0</u>	_____	<u>0</u>	_____	_____
	February	<u>0</u>	_____	<u>0</u>	_____	_____
	March	<u>0</u>	_____	<u>0</u>	_____	_____
	April	<u>0</u>	_____	<u>0</u>	_____	_____
	May	<u>0</u>	_____	<u>0</u>	_____	_____
	June	<u>0</u>	_____	<u>0</u>	_____	_____
	July	<u>0</u>	_____	<u>0</u>	_____	_____
	August	<u>0</u>	_____	<u>0</u>	_____	_____
	September	<u>0</u>	_____	<u>0</u>	_____	_____
	October	<u>0</u>	_____	<u>0</u>	_____	_____
	November	<u>0</u>	_____	<u>0</u>	_____	_____
	December	<u>0</u>	_____	<u>0</u>	_____	_____
	TOTAL	<u>0</u>	_____	<u>0</u>	_____	_____

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City: WICHITA State: KS Zip: 67218 + 1207
Contact Person: Rod Phares
Phone: (316) 685-8800
Lease Name: STUMPS
Well Number: 4

API No.: 15-009-19144-00-00
Permit No.: D11083.0
Reporting Year: 2020
(January 1 to December 31)
____ - SW - SW - NE Sec. 3 Twp. 17 S. R. 12 E W
(a/a/a/a)
2880 feet from N / S Line of Section
2575 feet from E / W Line of Section
County: Barton

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

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Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	<u>0</u>	_____	<u>0</u>	_____	_____
	February	<u>0</u>	_____	<u>0</u>	_____	_____
	March	<u>0</u>	_____	<u>0</u>	_____	_____
	April	<u>0</u>	_____	<u>0</u>	_____	_____
	May	<u>0</u>	_____	<u>0</u>	_____	_____
	June	<u>0</u>	_____	<u>0</u>	_____	_____
	July	<u>0</u>	_____	<u>0</u>	_____	_____
	August	<u>0</u>	_____	<u>0</u>	_____	_____
	September	<u>0</u>	_____	<u>0</u>	_____	_____
	October	<u>0</u>	_____	<u>0</u>	_____	_____
	November	<u>0</u>	_____	<u>0</u>	_____	_____
	December	<u>0</u>	_____	<u>0</u>	_____	_____
	TOTAL	<u>0</u>	_____	<u>0</u>	_____	_____

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U3C
June 2015
Form must be Typed
Form must be completed
on a per well basis

**ANNUAL REPORT OF PRESSURE MONITORING,
FLUID INJECTION AND ENHANCED RECOVERY**

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # 30163
Name: Great Plains Petroleum, Inc.
Address 1: 221 CIRCLE DR
Address 2: _____
City: WICHITA State: KS Zip: 67218 + 1207
Contact Person: Rod Phares
Phone: (316) 685-8800
Lease Name: STUMPS
Well Number: 4

API No.: 15-009-19144-00-00
Permit No.: D11083.0
Reporting Year: 2021
(January 1 to December 31)
____ - SW - SW - NE Sec. 3 Twp. 17 S. R. 12 E W
(a/a/a/a)
2880 feet from N / S Line of Section
2575 feet from E / W Line of Section
County: Barton

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: 0 psi Injection Zone: ARBUCKLE
Maximum Authorized Injection Rate: 3000 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	<u>0</u>	_____	<u>0</u>	_____	_____
	February	<u>0</u>	_____	<u>0</u>	_____	_____
	March	<u>0</u>	_____	<u>0</u>	_____	_____
	April	<u>0</u>	_____	<u>0</u>	_____	_____
	May	<u>0</u>	_____	<u>0</u>	_____	_____
	June	<u>0</u>	_____	<u>0</u>	_____	_____
	July	<u>0</u>	_____	<u>0</u>	_____	_____
	August	<u>0</u>	_____	<u>0</u>	_____	_____
	September	<u>0</u>	_____	<u>0</u>	_____	_____
	October	<u>0</u>	_____	<u>0</u>	_____	_____
	November	<u>0</u>	_____	<u>0</u>	_____	_____
	December	<u>0</u>	_____	<u>0</u>	_____	_____
	TOTAL	<u>0</u>	_____	<u>0</u>	_____	_____

CERTIFICATE OF SERVICE

23-CONS-3176-CSHO

I, the undersigned, certify that a true and correct copy of the attached Prefiled Direct Testimony of Richard Williams on Behalf of Commission Staff has been served to the following by means of electronic service on June 2, 2023.

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RICHARD WILLIAMS
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DISTRICT OFFICE NO. 4
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HAYS, KS 67601-2654
r.williams@kcc.ks.gov

/s/ Nancy D Borst
Nancy D Borst
