

FORM MUST BE TYPED

\* Pennmark Resources Co. was operator. Great Plains look over at casing point. Rod A. Phares

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE

Operator: License # 30163

Name: Great Plains Petroleum, Inc.

Address 1902 E. Waterman

City/State/Zip Wichita, KS 67211

Purchaser: Aurora Natural Gas

Operator Contact Person: Rod A. Phares

Phone ( ) 316 264-3667

Contractor: Name: Allen Drilling Co.

License: 5418

Wellsite Geologist: John Shenk

Designate Type of Completion New Well X Re-Entry Workover

Oil SWD SLOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Pennmark Resources, Inc

Well Name: Adams #1-16

Comp. Date was TA'd Old Total Depth 3400'

Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.

11/29/94 Date of REENTRY 12/16/94 Date Reached TD Completion Date

API NO. 15- 119-20933-001

County Meade

App. SE-SE Sec. 16 Twp. 34 Rge. 29W

557 Feet from S (circle one) Line of Section

800 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: NE, E NW or SW (circle one)

Lease Name Adams Well # 1-16

Field Name Wildcat (over 1/2 mi. from prod)

Producing Formation Council Grove

Elevation: Ground 2482 KB 2490

Total Depth 3400 PBTD 3356

Amount of Surface Pipe Set and Cemented at 661 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan REENTRY JH 5-14-96 (Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite: RELEASED

Operator Name 31 1997

Lease Name License No.

Quarter Sec. Twp. FROM CONFIDENTIAL

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Rod A. Phares

Title President Date 3/7/95

Subscribed and sworn to before me this 7 day of March 19 95.

Notary Public Melaina T. Volz

Date Commission Expires 7-15-96

K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached Wireline Log Received Geologist Report Received Distribution KCC SWS/Rep NGPA KGS Plug Other (Specify)

RECEIVED KANSAS CORPORATION COMMISSION

Form ACO-1 (7-91)



MAR 09 1995

CONSERVATION DIVISION WICHITA, KS

Operator Name Great Plains Petroleum, Inc Lease Name Adams Well # 1-16

Sec. 16 Twp. 34 Rge. 29W  East County Meade  West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

Log Name	Formation (Top), Depth and Datum		Sample Datum
	Top	Datum	
Herington	2619	-129	
Funston	3059	-569	

List All E.Logs Run:  
NPFI, DPFI, PEF, SP, GR,  
RSF, RILM, RILD

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8-5/8		661	Class "A"	400	3% CaCl <sub>2</sub> 2% gel
Production	7-7/8	4-1/2	10.5	3281 3390	ASC	100	Kol-seal

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		Amount and Kind of Material Used	Depth
4	Pf 3248-3254		Natural	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	3247	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
2/11/95			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		98 MCFD	0 BWPD		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 3248-54

# ORIGINAL

## DRILLSTEM TEST REPORT (Attachment to ACO-1)

Great Plains Petroleum, Inc.  
Adams #1-16  
557' FSL, 800' FEL  
Sec. 16, T34S-R29W  
Meade County, Kansas  
API # 15-119-20933

### DST #1 3053-3074' (Funston)

Mis-run, tool would not go to bottom, 30' fill.

### DST #2 3212-3224' (Cottonwood Member)

30-60-60-120

1st opening: strong blow, gas to surface in 10", gauge gas at:

15"	59 MCFD
20"	78 MCFD
25"	86 MCFD
30"	86 MCFD

2nd opening: gauge gas at:

20"	147 MCFD
30"	141 MCFD
40"	141 MCFD
50"	141 MCFD
60"	141 MCFD

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

Recovered: 60' slightly gas cut mud (10% gas, 10% water, 80% mud) (Chlorides: recovery 50,000 ppm; system 6,500 ppm).

Initial Flow Pressures: 71-43#  
Final Flow Pressures: 92-52#  
Shut-In Pressures: 720-722#

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KANSAS CORPORATION COMMISSION

MAR 09 1995

CONSERVATION DIVISION  
WICHITA, KS

# ORIGINAL

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## DRILLSTEM TEST REPORT (Attachment to ACO-1)

Great Plains Petroleum, Inc.  
Adams #1-16  
557' FSL, 800' FEL  
Sec. 16, T34S-R29W  
Meade County, Kansas

DST #3 3258-3267' (Neva Member)

30-60-50-120

1st opening: strong blow, gas to surface in 6", gauge gas at:

10"	7 MCFD
15"	8 MCFD
20"	7 MCFD
25"	5 MCFD
30"	2 MCFD

2nd opening: gauge gas at:

10"	5 MCFD
20"	5 MCFD
30"	5 MCFD
40"	2 MCFD
50"	2 MCFD

Recovered: 180' slightly gas cut watery mud (5% gas, 45% water, 50% mud); 670' salt water (Chlorides: recovery 115,000 ppm; system 9,800 ppm).

Initial Flow Pressures: 154-209#  
Final Flow Pressures: 317-369#  
Shut-In Pressures: 434-452#

**RELEASED**

JUL 31 1997

FROM CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

MAR 09 1995

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

1149

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:  
Great Bend

DATE <u>11-18-94</u>	SEC. <u>16</u>	TWP. <u>34s</u>	RANGE <u>29w</u>	CALLED OUT <u>5:00 pm</u>	ON LOCATION <u>8:00 pm</u>	JOB START <u>3:30 am</u>	JOB FINISH <u>5:00 am</u>
LEASE <u>Adgms</u>	WELL# <u>1-15</u>	LOCATION <u>meadlake 45-45100</u>			COUNTY <u>meade</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Allen D. Co.

TYPE OF JOB Production Casings

HOLE SIZE 12 1/4 7 7/8 T.D. 3400

CASING SIZE 8 7/8 DEPTH 571

TUBING SIZE 4 1/2 DEPTH 3381

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1000 MINIMUM 200

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS. 53.48

OWNER Same

CEMENT

AMOUNT ORDERED 100sk ASC

5# Kolseal 25sk 640 68 Gel

500gal Mud Sweep

COMMON	<u>15</u>	@	<u>5.75</u>	<u>86.25</u>
POZMIX	<u>10</u>	@	<u>3.00</u>	<u>30.00</u>
GEL	<u>2</u>	@	<u>9.00</u>	<u>18.00</u>
CHLORIDE	<u>Kol Seal 50</u>	@	<u>1.36</u>	<u>180.00</u>
	<u>Mud Sweep 50gal</u>	@	<u>1.80</u>	<u>900.00</u>
	<u>100 ASC</u>	@	<u>7.50</u>	<u>750.00</u>
		@		
		@		
		@		
HANDLING	<u>12.5</u>	@	<u>1.00</u>	<u>125.00</u>
MILEAGE	<u>3.5</u>			<u>175.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Don H

# HELPER Larry D

BULK TRUCK DRIVER

# DRIVER John

RELEASED TOTAL 2264.25

JUL 31 1997

REMARKS:

Pumped mud sweep plugged

RH Hooked Back UP Pumped all

Cement cleared Pump Released

Plus Displaced Down Landed

Plug Tagged with wireline

Done

BY Allied Cementing Don

Thompson

FROM CONFIDENTIAL

SERVICE

DEPTH OF JOB 3381

PUMP TRUCK CHARGE 980.00

EXTRA FOOTAGE @

MILEAGE 3.5 @ 2.25 78.75

PLUG 1 @ 33.00 33.00

@

@

TOTAL 1091.75

CHARGE TO: Great Plains Petroleum Inc.

STREET 1436 S. LAURA

CITY Wichita STATE Ks ZIP 67211

FLOAT EQUIPMENT

1- 4 1/2 Guideshoe	@	<u>109.00</u>	<u>109.00</u>
1- 4 1/2 Insert	@	<u>169.00</u>	<u>169.00</u>
6- 4 1/2 Centralizers	@	<u>53.00</u>	<u>318.00</u>
1- Thread lock	@	<u>30.00</u>	<u>30.00</u>
	@		

TOTAL 626.00

TAX -0-

TOTAL CHARGE \$ 3982.00

DISCOUNT \$ 795.40 IF PAID IN 30 DAYS

Net 3182.40

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 09 1995

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Roger Pearson