

Kansas Corporation Commission Oil & Gas Conservation Division

1138559

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

Side Two

1138559

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(s well site report.	hut-in pressure read	ched static level,	hydrostatic press	ures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		og Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-		ermediate, producti		T 2 .	
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
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD	I		
Purpose: —— Perforate —— Protect Casing —— Plug Back TD	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Plug Off Zone							
Shots Per Foot		DN RECORD - Bridge Plug Footage of Each Interval Perf			cture, Shot, Cement mount and Kind of Ma		d Depth
	<u> </u>						
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	other (Explain)		
Estimated Production Per 24 Hours	Oil I	Bbls. Gas	Mcf Wat	er Bl	ols. G	Sas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:	N	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo	Used on Lease	Open Hole	Perf. Dually		nmingled mit ACO-4)		
(If vented, Su	bmit ACO-18.)	Other (Specify)	(Odbillit)	, (Gubi			

Form	ACO1 - Well Completion
Operator	Great Plains Energy, Inc.
Well Name	Moffett 3-32
Doc ID	1138559

Tops

Name	Тор	Datum
Anhydrite	1920	+432
B/Anhydrite	1948	+404
Topeka	3172	-820
Heebner	3353	-1001
Toronto	3383	-1031
Lansing	3996	-1044
ВКС	3575	-1223
Arbuckle	3613	-1261
Granite	3634	-1282

058945 ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D.# 20-5976804

SERVICE POINT, OLLY

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

				۵.	
2 SEC 32 TWP. A RANGE 3	CALLED OUT 0	ONLOCATION	JOB START PA	JOBSTART P. JOB FINISH	
Moffatt WELLA 3-32 LOCATION Northon	on 2 167 1/1/2	37	COUNTY	STATE	
OLD OR (MEW (Circle one) SInto		8	100000	(8)	V
R Fritzler	OWNER Some	16	# 9 X	-	
TYPEOFJOB Production Port Collar)				
	CEMENT	1	111		
TUBING SIZE 33/8 DEPTH 19.20	AMOUNT ORDERED 350 SKS LIFE	(ED 250 3	1/2 2/1 Fe	14 17084	`
. РІРЕ DEРТН		A CONTRACTOR OF THE PARTY OF TH	THE CONTRACT OF SAME AND STREET OF SAME AND SAME		
September 1998			- Andrew Property and Property	To the second se	
A CONTRACTOR OF THE PROPERTY O	COMMON		()		
MEAS, LINE SHOE JOINT	POZMIX		0		
CEMENT LEFT IN CSG.	GEL		0		
AICH ACEMENT TO ACO	CHLORIDE		(e)	The state of the s	
		101	0	76 7576 %	
EQUIPMENT	HLW	545 3KE	64/5/mg	278855	
MMPTRIJCK CEMENTER (DAG RACTE	F105001	H 75	0 12,22	\$ 166 33	
	Soud	398 6	0 5/2 0 14 to	08 36 14	
3ULK TRUCK 1396 - 304 DRIVER DT Gray			0		
The state of the s			(a)	Marie and the second se	
DRIVER	HANDLING 3%	1.98 CFX	8/2 C/4 (9)	15 hob a	
	MILEAGE 16.35 X 85 X	X 88 X S	\$2,60	\$ 36/13.35	
REMARKS;	•	37.1986.	TOTAL	\$8381,73	
Load Hole - Pressure System 1000					
Spot Sand - Spot mud . DDA Port Collar	ر به	SERVICE	EX.		
port Collar, - Pressur System -	4.5	1930'			
Kelwisa out - wash sand of My	PUMP TRUCK CHARGE	IAROB	2	2249,00	
	MILEAGE 85	3)	@ 17,70	\$ 654,50	
4/ 1/ 1/211	MANIFOLD		0		
Chark land	LU MI, 1899C	2	@# \ \ \	\$374°	
HARGETO: Gireat Hains forenegly		Arthretis protective to the department of the de	1	3/1-2	
TREET			TOTAL	TOTAL "3278,32	

PLUG & FLOAT EQUIPMENT

STATE.

TREET

ම ම ම ම ම

'o: Allied Oil & Gas Services, LLC.

'ou are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or ontractor to do work as is listed. The above work was one to satisfaction and supervision of owner agent or ontractor. I have read and understand the "GENBRAL 'ERMS AND CONDITIONS" listed on the reverse side.

TOTAL

De ling RINTED NAME PRESECT GNATURE Z

21,5%

ZZ IF PAID IN 30 DAYS

DISCOUNT

1,660.07

100%

SALES TAX (If Any) TOTAL CHARGES.



PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

TICKET NUMBER

LOCATION OR FILL

FIELD TICKET & TREATMENT REPORT

37251

CEMENT

	>	T.							1	U	2e/	,	4, (7),		di	10	1	
7	COUNTY	Man	Vation	DRIVER					174	0 193	72 (Sh		20+ Eg	1 7 1	7777	(3) 4	7	SOOO
	RANGE	68		TRUCK#					EIGHT 5/2	OTHER P.C. (0) 1932	CASING ZA	4	Conti	15,42	101	12/a/a/a	release	gged d
	TOWNSHIP	Ч		DRIVER	Serly	2. Xeh			CASING SIZE & WEIGHT 5/2/4 TE		CEMENT LEFT IN CASING 21, 72 (Shae)	RATE	RIG TO	1010100	- de 2 3	JA+2010	16/1/20 I	uck, ni
	SECTION	32		# YOU'L	396	260				MATER WATER			2 N 12 4 E	+0 m of	ob water	steesed;	us lande	J4 + DO
WELL NAME & NUMBER	A A A	Motter 3.32	101 NS Shores Moren	30	5	STATE ZIP CODE 3/4 W	oth; 8	HOLE SIZE 7 7/5 LICH FEETER			DISPLACEMENT PSI MIX DEI	10 0 0 x 1 + 00	Scratchers 3,4,5,6,7,8,6,10 con who kig to pondloot Equip,	13 ran pipe to be popo	MIXED 30345 GWC 5# KOI-Seal, Pumped 5 DB water mudellist 20 12 M	11 XPG 175 3K3 OUC 5#K01-XPa Felegged Dlug + dix Dlarad (2) 12	101+0 700# lift + Pluglanded & Mot released	THE TOTAL TO SHED OUT TOUCK, NIGGED LOWN,
L DATE CUSTOMER#	on location 20 00	CUSTOMER	C too	MAILING ADDRESS		CITY		JOB TYPE PLOS	CASING DEPTH 5683	SLURRY WEIGHT 147	DISPLACEMENT 89, 3	REMARKS: Safety m	Seratchers 3,4	1005Kets 4, 16,4	mixed 305/2 000	11 XPO 175 3K3	Drock 1100 100	

		O	dand May	Mol	
ACCOUNT		96	alis chair	13	
CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL	
54017		PUMP CHARGE	Source C		
5406	09	MILEAGE	4/00	3,00%	
11.310	2000		5.8	200 80 200 80	
703	いいののという		22.55	462275	
11/1	10×0×		.56	52/8	
2107	2,62	Ton Milegge	-67	O.C.C 80'	
		5/2 0.4FU Floatshop (I)	7/200	4/20	
4011	N		18/20	200000	
41130	de	201	4/60	0380	
413/4	017	772		191	
LIVELL		1/4 L'ACI PROCATI NO SCROTCHER	786	312000	
1224	1	5/2 19tchdown wholes (I)	320	31200	
955	500gc (mud Plush	8	00	
1215	2001		なたなり	1000	
1285	<u></u>	147 30 1000	Brown	000	
		(Christian)	40/2	1000	
	4			25.0	
		and a citation		1000	
			LIK INSTALL	2 3 2 4 5	
		(Vicas)	_	1693	
				15242 35	1
Ravin 3737	7		SALES TAX	8/8, 49	
2: 15 Am			ESTIMATED	Las Colonia	
AUTHORIZTION <	12 SA	TITLE	DATE Selectory	1000000	

cof the form or in the customer's meet for services identified on this form DATE SOLGHING I acknowledge that the payment terms, unless specifically amended in writing on the account records, at our office, and conditions of service on the back of this form. TITLE

SCHIPPERS OIL FIELD SERVICE L.L.C.

000

()	SEC. S RANGETWP. CALLED OUT ON LOCATION JOB START JOB FINISH		WELLE 3-32	A. C.
12/1	ATE SEC.	//	EASE MY	

					Toward.			15 15		26												
10	La. 0 C.							60	8	8	8	8	8	8	8	8	8	8	(8)	(8)	(8)	
	OWNER C		CEMENT	AMONT ORDERED				COMMON	POZMIX	GEL	CHLORIDE	ASC									HANDLING	
			4	07					T													
/	2	is face	T.D. 20	DEPTH 207	DEPTH	DEPTH	DEPTH	MINIMUM	SHOE JOINT													
1/7	2 /2	50	12.6	2000		9/6			11.75	V CSG.												
CONTEDACTION	IKACIOK	TYPE OF JOB	HOLE SIZE	CASING SIZE	TUBING SIZE	DRILL PIPE	TOOL	PRES. MAX	DISPLACEMENT	CEMENT LEFT IN CSG.	PERFS		EQUIPMENT		PUMP TRUCK	101	BULK TRUCK	1	BULK TRUCK			

		1000					A L
	(8)	8	@	7 9 @	(6)	17 (8)	TOTAL
Sur fee				7695		5612	
SERVICE	DEPT OF JOB	PUMP TRUCK CHARGE	EXTRA FOOTAGE	MILEAGE	MANIFOLD	Lish Val	
	S. Jam				1. Pit		
	Dr. la)			(- mant		
RKS	DI	51			Dire		
REMARKS							

CHARGES TO:	Plain
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Services L.L.C.

You are hereby requested to rent cementing equipment and furnish staff to assit 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 and understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
	8
	(i)
	00
	(a)
	(9)
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

Hoxie Sentinel Print / Form 4

GREAT PLAINS ENERGY, INC. 6121 S. 58th St., Ste B Lincoln, NE 68516

MOFFET #3-32 Sec 32, Twp 02S, R 23W Norton Co., KS

Pipe Set

Prepared for: Dan Blankenau

10/17/12

Prepared by:
X-Hand Engineering, Inc.
Harold Bellerive
1269 F. Road
Morland, KS 67650
(785-627-4531)

GREAT PLAINS ENERGY, INC. Moffet #3-32 October 10, 2012

T.D. at 3680'

Anhydrite at 1920'-1948'

Ran joint #1 as shoe joint (21.72'), joints #3 through #43 (port collar put on top of joint #43 at 1932'), joints #44 through #87, joint #89 then joint #2. Joints #88 and #90 are out (82.31'). Scratchers put on joints #3, #4, #5, #6, #7, #8, #9, #10, #11 and #12. Centralizers put on joints #3, #5, #7, #9, #11, #13, #15 and #42. Baskets put on joints #4, #16 and #43 (clamped 5' down from top collar).

Total 5½", 14# 3680.41'
Float Equipment 3.00'
Total 3683.41'

10:00 p.m. Started in hole with pipe.

11:20 p.m. Tagged bottom. Rigged up Consolidated.

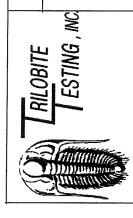
11:45 p.m. Broke circulation.

1:15 p.m. Viscosity down to 37.

Pumped mud flush and KCL. Plugged rat hole with 30 sacks. Mixed 175 sacks OWC. Washed up truck. 1:25 p.m.

70 Started displacement—58 bbls caught cement, 60 bbls at 225#, 65 bbls at 325#, bbls at 450#, 75 bbls at 575#, 80 bbls at 700# and 85 bbls at 775#. 1:55 p.m.

2:15 a.m. Landed plug with 861/4 bbl at 1500#. Released—held.



Great Plains Energy, Inc.

6121 S 58th St. STE - B Lincoln, NE 68516

Clayton Erickson

ATTR

32-2s-23w Norton, KS

Moffett #3-32

Job Ticket: 48082

Test Start: 2012.10.08 @ 18:11:00

GENERAL INFORMATION:

LKC "K" Formation: Deviated:

Whipstock Time Tool Opened: 19:46:15 Time Test Ended: 00:46:15

ft (KB)

Interval:

Total Depth: Hole Diameter:

4.00 ft (KB) To 3555.00 ft (KB) (TVD) 3555.00 ft (KB) (TVD) 7.88 inches Hole Condition: Good 3534.00 ft (KB) To

Test Type: Tester: Unit No:

Conventional Bottom Hole (Initial) Kevin Mack 43

Reference Elevations:

2352.00 ft (KB) 2347.00 ft (CF) 5.00 ft

KB to GR/CF:

Inside

(8) Serial #: 8648
Press@RunDepth:
Start Date:
Start Time:

3535.00 ft (KB) End Date: End Time: psig 2012.10.08 18:11:35

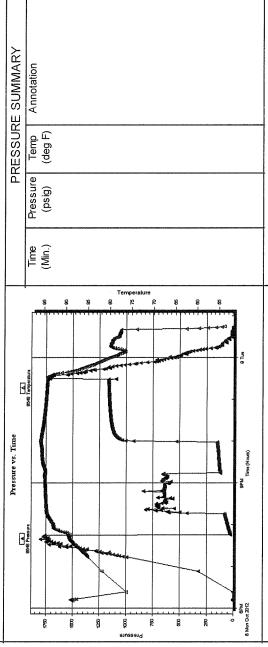
Capacity:
Last Calib.:
Time On Btm: 2012.10.09 00:45:14

psig

8000.00 2012.10.09

TEST COMMENT:

30 - IF- Surface Blow built to 5 3/4" 60 - IS- Surface Return started at 10 min. Built to 4 3/4" 45 - FF- Surface Blow built to 7" 90 - FS- No Return



	Volume (bbl)	0.59	1.74	0.01		
Recovery	Description	NNV 20MI 80VV	NNV 10M 90VV	OSMW 10M 90W (oil spots)		
	Length (ft)	120.00	124.00	1.00		

Ref. No: 48082

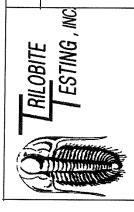
Trilobite Testing, Inc

Printed: 2012.10.15 @ 13:42:06

Gas Rate (Mcf/d)

Choke (inches) | Pressure (psig)

Gas Rates



FLUID SUMMARY

Great Plains Energy, Inc.

6121 S 58th St. STE - B Lincoln, NE 68516

ATTN: Clayton Erickson

32-2s-23w Norton, KS Moffett #3-32

Job Ticket: 48082

Test Start: 2012.10.08 @ 18:11:00

Mud and Cushion Information

Gel Chem Mud Type: (Mud Weight: Viscosity: Water Loss: Resistivity:

9.00 lb/gal 62.00 sec/qt 6.39 in³ 0.00 ohm.m 2000.00 ppm 2.00 inches Salinity: Filter Cake:

Cushion Type:
Cushion Length:
Cushion Volume:
Gas Cushion Type:
Gas Cushion Pressure:

bsid

Oil API: Water Salinity:

deg API 43000 ppm

ft bbl

Recovery Information

Recovery Table

Volume	0.590	1.739	0.014
Description	MW 20M 80W	MV 10M 90VV	OSMW 10M 90W (oil spots)
Length ft	120.00	124.00	1.00

Total Volume: 245.00 ft Total Length:

2.343 bbl

Num Fluid Samples: 0 Num Gas Bombs: Laboratory Name: Laboratory Location: Recovery Comments: RW .175 @ 67 deg= 43000ppm

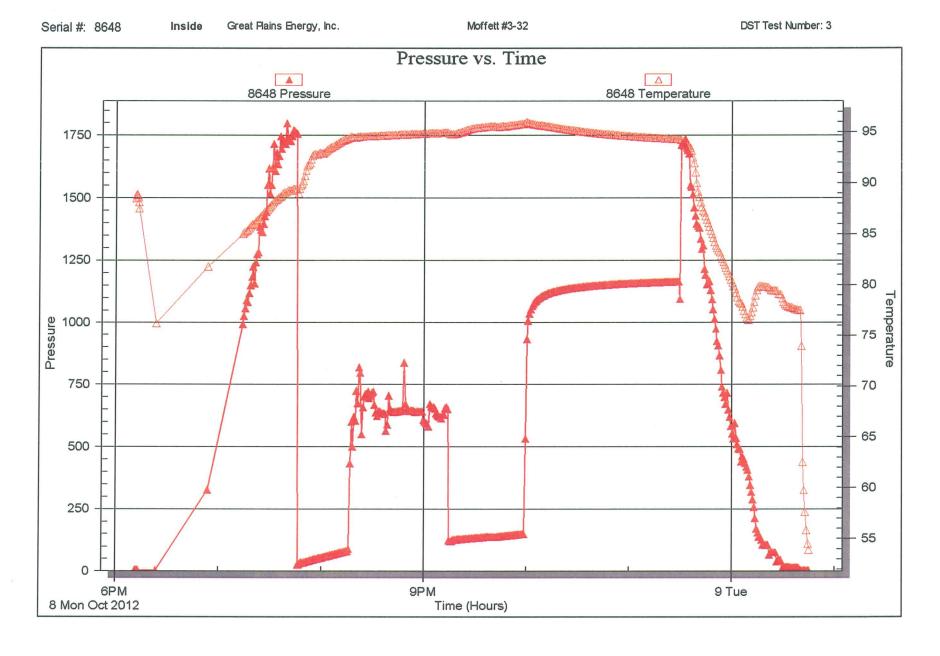
Serial #:

0

Trilobite Testing, Inc

Ref. No: 48082

Printed: 2012.10.15 @ 13:42:08



Trilobite Testing, Inc

Ref. No: 48082

Printed: 2012.10.15 @ 13:42:10



Great Plains Energy, Inc

6121 S 58th St. STE - B Lincoln, NE 68516

Clayton Erickson ATTR

32-2s-23w Norton, KS

Moffett #3-32

Job Ticket: 48083

Test Start: 2012.10.09 @ 08:16:00

GENERAL INFORMATION:

Arbuckle Formation:

Deviated: No Wh Time Tool Opened: 09:48:15 Time Test Ended: 14:51:15

3572.00 ft (KB) To Interval:

2.00 ft (KB) To 3617.00 ft (KB) (TVD) 3617.00 ft (KB) (TVD) 7.88 inchesHole Condition: Good

Total Depth: Hole Diameter:

Conventional Bottom Hole (Initial) Kevin Mack 43 Test Type: Tester: Unit No:

2352.00 Reference Elevations:

52.00 ft (KB) 47.00 ft (CF) 5.00 ft KB to GR/CF:

Inside

(9)

40.61 psig 2012.10.09 08:16:05 Serial #: 6799
Press@RunDepth:
Start Date:
Start Time:

3573.00 ft (KB) End Date: End Time:

8000.00 p 2012.10.09 2012.10.09 @ 09:47:30 2012.10.09 @ 13:34:45 Capacity:
Last Calib.:
Time On Btm: 2012.10.09 14:51:14

psig

TEST COMMENT:

30 - IF- Blow built to 2" 60 - IS- No Return 45 - FF- Surface Blow started at 25 min. Built to 1/4" 90 - FS- No Return

_															
Į.	C/30 Temperature	Commence of the second					الثنيي		-	R	-		3PM	AND	
	Time	(Min.)	0	2	30	80	Z6	136		, 228		8			
<u>.</u>	Pressure Temp	(bisd)	1768.76	24.08	28.94	703.22	34.52		668.12	1747.73					
RESSOR			88.13	87.74	88.34	89.16	89.18	89.80	90.65	90.93					
PRESSURE SUMMARY	Annotation		Initial Hydro-static	87.74 Open To Flow (1)	Shut-In(1)	End Shut-In(1)	89.18 Open To Flow (2)	89.80 Shut-In(2)	End Shut-In(2)	90.93 Final Hydro-static				To the second se	
	1														

_	
β	
Ó	
Ö	
a)	
Ř	

	Volume (bbl)	20.0	0.02		
Recovery	Description	OCWM 5W 50 90M	Free oil 100o		
	Length (ft)	15.00	5.00		

48083 Ref. No:

Trilobite Testing, Inc

Printed: 2012.10.15 @ 13:41:06

Gas Rate (Mcf/d)

Choke (inches) Pressure (psig)

Gas Rates



TOOL DIAGRAM

Great Plains Energy, Inc.

6121 S 58th St. STE - B Lincoln, NE 68516

Clayton Erickson ATTR

Moffett #3-32

32-2s-23w Norton, KS

Job Ticket: 48083

DST#:4

Test Start: 2012.10.09 @ 08:16:00

Tool Information

48.11 bbl 0.00 bbl 0.59 bbl 48.70 bbl 3.80 inches Volume:
0.00 inches Volume:
2.25 inches Volume:
Total Volume: Diameter: Diameter: 0.00 ft 120.00 ft 3430.00 ft Length: Length: Length: Drill Pipe: Heavy Wft. Pipe: Drill Collar:

7.00 ft 3572.00 ft Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

45.00 ft 74.00 ft Interval betw een Packers: Tool Length:

Diameter: Number of Packers: Tool Comments:

Diameter:

Tool Weight: 2500.00 lb
Weight set on Packer: 25000.00 lb
Weight to Pull Loose: 42000.00 lb
Tool Chased ft

ft 35000.00 lb 35000.00 lb

Final

6.75 inches

Depth (ft) Accum. Lengths Position Serial No. Length (ft)

Bottom Of Top Packer 29.00 3559.00 3572.00 3573.00 3549.00 3554.00 3562.00 3567.00 3573.00 Inside 8648 5.00 5.00 5.00 3.00 5.00 5.00 1.00 0.00 Tool Description Change Over Sub Shut In Tool Hydraulic tool Safety Joint Recorder Packer Packer Stubb

74.00 Total Tool Length:

Bottom Packers & Anchor

45.00

3573.00

Inside

6229

0.00 8.00 31.00

Perforations

Bullnose Drill Pipe

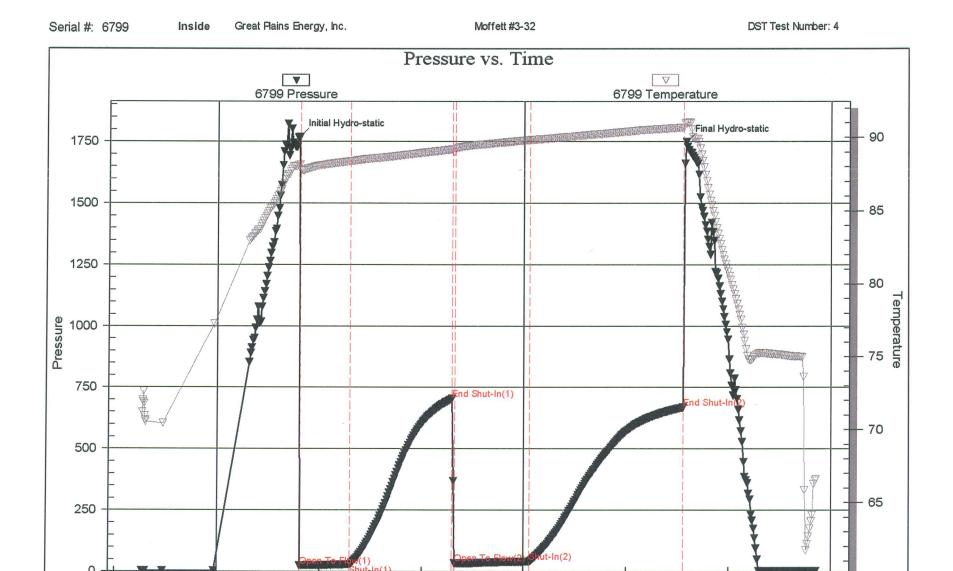
Recorder

3581.00 3612.00 3617.00

Trilobite Testing, Inc

Ref. No: 48083

Printed: 2012.10.15 @ 13:41:08



12PM

Time (Hours)

Trilobite Testing, Inc

9 Tue Oct 2012

Ref. No: 48083

9AM

Printed: 2012.10.15 @ 13:41:09

3РМ



Great Plains Energy, Inc.

6121 S 58th St. STE - B Lincoln, NE 68516

ATTN: Clayton Erickson

32-2s-23w Norton, KS

Moffett #3-32

Test Start: 2012.10.09 @ 20:05:00

Job Ticket: 48084

Conventional Bottom Hole (Initial) Kevin Mack Test Type: Tester:

Whipstock:

Formation: Arbuckle
Deviated: No Whip
Time Tool Opened: 21:52:45
Time Test Ended: 03:43:00

GENERAL INFORMATION:

Reference Elevations: 43 Unit No:

2352.00 ft (KB) 2347.00 ft (CF) 5.00 ft

Interval: Total Depth: Hole Diameter:

3570.00 ft (KB) To 3621.00 ft (KB) (TVD) 3621.00 ft (KB) (TVD) 7.88 inchesHole Condition: Good

KB to GR/CF:

Inside

psig 2012.10.09 Serial #: 8648
Press@RunDepth:
Start Date:
Start Time:

3571.00 ft (KB) End Date: End Time: 20:05:05

2012.10.10

Capacity: Last Calib.: Time On Btm: Time Off Btm:

8000.00 psig 2012.10.10

TEST COMMENT:

30 - IF- 1/4" Blow built to 5 1/2" 60 - IS- No Return 45 - FF- Blow started at 3 min. Built to 8" 90 - FS- Weak surface Return started at 10 min. Did not build or die.

DDECCLIDE CLIMANADA	T SUMMARY	Annotation											
DECCIE	LOOD	Temp	(ded F)										
		Pressure	(psid)	6									
		Time	(Min.)										
	-,		8	88	8	ĸ	Ten		ure (de B 18	g F) 8	8 8	8 8	
		P.	1111	, ii	11		1	-	11111	711	1	#111111	1
										4-4	1-4-4-4	indiana.	Эм
	₫,	nperature				3			Name of the	4-44-	444		
		200	1	44	44	4-444		1		-			
rs. Time										1	-		(suno
Pressure vs. Time			The Real Property lies, the Persons in case of the Persons in case o							7			10 Wed Time (Hours)
	:		1								-	-	
	■ Bree		=	artem.			-	+					
	8	3		1		-44	•	4		44-44			_
													MdB
					4			.] .				:	210
			06/		1500	Ę		900	Ę.	3	8 8	0	9 Tue Oct 2012
							(őjed	onte (Press				a

	Gas								13
ies	Choke (inches) Pressure (psig) Gas								Printed: 2012.10.15 @ 13:40:19
Gas Rates	Choke (inches)								Printed: 2012.
	_	_	_	_	1	_	1	,	
	Volume (bbl)	0.45	0.59						Ref. No: 48084
									Ref. No
Recovery	Description	OCM 350 65M	Free oil 1000						sting, Inc
	Length (ft)	92.00	00.09						Trilobite Testing, Inc

Gas Rate (Mcf/d)



FLUID SUMMARY

Great Plains Energy, Inc.

6121 S 58th St. STE - B Lincoln, NE 68516

ATTN: Clayton Erickson

Job Ticket: 48084 Moffett #3-32

32-2s-23w Norton, KS

DST#:5

Mud and Cushion Information

9.00 lb/gal 62.00 sec/qt 6.79 in³ 0.00 ohm.m 2200.00 ppm 2.00 inches Gel Chem Mud Type: (Mud Weight: Viscosity:

Cushion Type:
Cushion Length:
Cushion Volume:
Gas Cushion Type:
Gas Cushion Pressure:

tt bb

Water Loss: Resistivity:

psig

Oil API: Water Salinity:

30 deg API

Test Start: 2012.10.09 @ 20:05:00

Filter Cake: Salinity:

Recovery Information

Recovery Table

Volume	0.452	0.587	
Description	OCM 350 65M	Free oil 100o	
Length ft	92.00	00.09	

Total Volume: 152.00 ft Total Length:

1.039 bbl

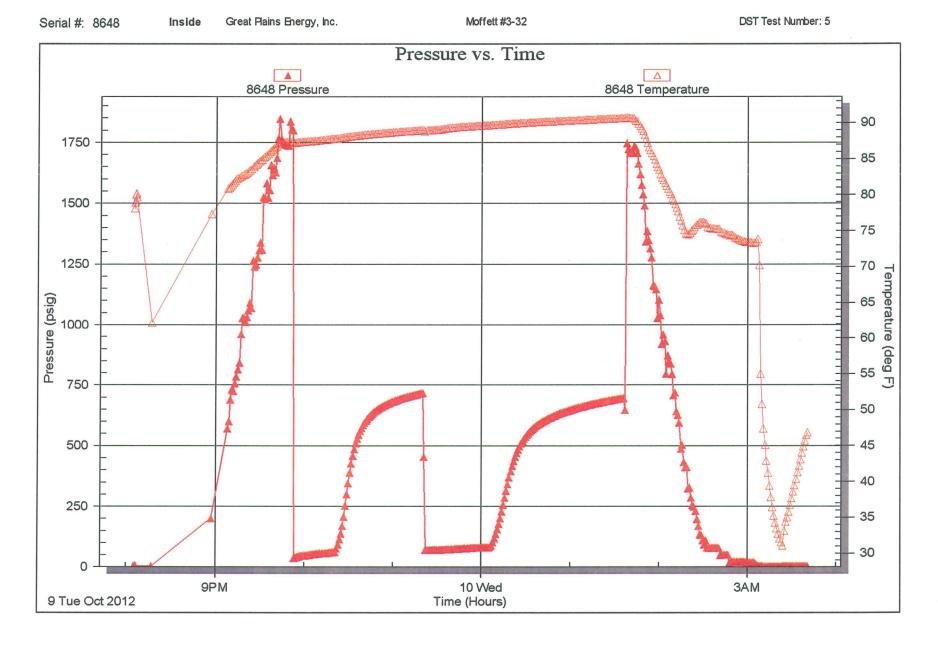
Serial #:

Num Fluid Samples: 0 Num Gas Bombs: Laboratory Name: Laboratory Location: Recovery Comments: Oil API 32 @ 80 deg = 30 cor.

Trilobite Testing, Inc

Ref. No: 48084

Printed: 2012.10.15 @ 13:40:21



Trilobite Testing, Inc

Ref. No: 48084

Printed: 2012.10.15 @ 13:40:23