

Kansas Corporation Commission Oil & Gas Conservation Division

1080984

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
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	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
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	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:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date 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



Operator Name:			Lease N	Name:			_ Well #:		
Sec Twp	S. R	East West	County	:					
NSTRUCTIONS: Show ime tool open and clost recovery, and flow rates ine Logs surveyed. Att	ed, flowing and shut if gas to surface tes	in pressures, wheth t, along with final ch	er shut-in press	sure reache	d static level,	hydrostatic pres	sures, bottom h	ole temperat	ture, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes No)	Log	Formation	n (Top), Depth ar	nd Datum	Sam	ıple
Samples Sent to Geolo	gical Survey	☐ Yes ☐ No)	Name			Тор	Datu	ım
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)		Yes No)						
ist All E. Logs Run:									
		CAS Report all strings	ING RECORD set-conductor, su	New	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Additi	
		ADDITIO	NIAL CEMENTIN	IC / SOUEE	7E DECORD				
Purpose:	Depth	Type of Cement	WAL CEMENTING # Sacks		ZE RECORD	Type and I	Percent Additives		
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge ootage of Each Interva	Plugs Set/Type I Perforated			cture, Shot, Cemen		t	Depth
TUBING RECORD:	Size:	Set At:	Packer At	t: L	iner Run:	Yes No	1		
Date of First, Resumed P	roduction, SWD or ENF	HR. Producing		g Gas	s Lift 0	ther (Explain)			
Estimated Production Per 24 Hours	Oil B	Bbls. Gas	Mcf	Water	Bb	ols.	Gas-Oil Ratio	G	Gravity
DISPOSITION	N OF GAS:		METHOD OF	COMPLETIO	DN:		PRODI ICTIC	ON INTERVAL:	
Vented Sold	Used on Lease	Open Hole	Perf.	Dually Co	mp. Com	nmingled	TRODUCTIO	AN INTERVAL.	
(If vented, Subm		Other (Specif	v)	(Submit ACC	-5) (Subr	nit ACO-4)			

WYGELL I WIETTELL VEIVIEITING, 1110

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

Jo 550

Sec. County Twp. Range State On Location Finish 12 Well No To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish T.D. cementer and helper to assist owner or contractor to do work as listed. Hole Size 2 Charge Depth Csg. To Depth Tbg. Size Street Tool Depth City State Shoe Joint Cement Left in Csg The above was done to satisfaction and supervision of owner agent or contractor Displace. Cement Amount.Ordered: 80 5x Meas Line **EQUIPMENT** Cementer // Pumptrk' Helper Common Driver Driver Let Bulktrk Poz. Mix Driver Gel. Driver **JOB SERVICES & REMARKS** Calcium Remarks Hulls Rat Hole Salt Mouse Hole Flowseal Centralizers Kol-Seal Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Handling Mileage Salar Salar FLOAT EQUIPMENT **Guide Shoe** Centralizer **Baskets** AFU Inserts Float Shoe Latch Down . Pumptrk Charge Mileage Tax Discount X Signature Total Charge

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 497

OCII 700-024-1041								
Sec.	Twp. Range	7-3	County	State	On Location	Finish		
Date 4 29 12 17	15 12	July.	and I	Kon sas		6 trang		
Lease Brack AA V	Well No.	Location	on Z	14451	Dank Fort	57 4 31		
Contractor Monat Tit	4 no 7 2	1.4	Owner		1			
Type Job	3 3		To Quality Oi You are here	lwell Cementing, Inc.	cementing equipment	and furnish		
Hole Size	T.D. 30 50		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Csg.	Charge To	Caro Cil						
Tbg. Size	Street	<u> </u>						
Tool	Depth		City	· · · · · · · · · · · · · · · · · · ·	State			
Cement Left in Csg.	Shoe Joint		The above wa	s done to satisfaction ar	d supervision of owner	agent or contractor.		
Meas Line	Displace	 	Cement Amo	unt Ordered	5 6-14 119	- Zin 1		
EQUIPM	WENT		1.12 Ile	Small Der sit				
Pumptrk No. Cementer Helper	7.4		Common					
Bulktrk // No. Driver Driver	Litt		Poz. Mix		· · · · · · · · · · · · · · · · · · ·			
Bulktrk No. Driver Driver	7/2,7		Gel.					
JOB SERVICES	& REMARKS	· · · · · · · · · · · · · · · · · · ·	Calcium		· · · · · · · · · · · · · · · · · · ·			
Remarks:			Hulls					
Rat Hole		415 - 115	Salt					
Mouse Hole		1.24	Flowseal					
Centralizers			Kol-Seal					
Baskets			Mud CLR 48					
D/V or Port Collar			CFL-117 or CD110 CAF 38					
15- Phe 6 335	50 25-5-		Sand					
		3	Handling					
2rd 11 1/8	U 255.		Mileage					
Jan Maria				FLOAT EQUIPMI	ENT			
-210 1/24	D 80 0	,	Guide Shoe					
			Centralizer					
yih h 4	0 10 sx		Baskets					
			AFU Inserts					
Kut Anc	7/252	Č.	Float Shoe					
			Latch Down					
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A H - 3			Pumptrk Cha	rge,				
1 Miles			Mileage	***	in a second			
110		·			Tax			
- 11	•				Discount			
X Signature		111 111		Professional Contraction	Total Charge			

ITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

.83-2025 Home Office P.O. B	ox 32 Russell, KS 67665 No. 5500
Sec. Twp. Range	County State On Location 4 Finish
aseB(ack AA Well No. 2 Locat	ion Bunker K'11 Ks - St. B. F. , DE, 235
Contractor Royal Rig #2	Owner Mitchell Rd, Sto pers pand, 51I
Type Job Surface	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish
Hole Size 19'4" T.D. 3711	cementer and helper to assist owner or contractor to do work as list
Csg. 85/8" Depth 371'	Charge Wald (larg
Tbg. Size Depth	Street
Tool Depth	City
Cement Left in Csg. 15. Shoe Joint 15	The above was done to satisfaction and supervision of owner agent or contra
Meas Line Displace 22 6 BCS	Cement Amount Ordered 180 5x Common 3
EQUIPMENT	2% Gel
Pumptrk 15 No Cementer Mart	Common/80
Bulktrk & No. Driver COV	Poz. Mix
Bilktrk D. No. Driver R. C.	Gel. 3
JOB SERVICES & REMARKS	Calcium 6
Remarks o ment ded Cocalate.	Hulls.
Rat Hole	Salt
Mouse Hole	Fiowseal
Centralizers	Kol-Seal Control Contr
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
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And the second s	Handling / 89
A CONTRACTOR AND A CONT	Mileage
The state of the s	FLOAT EQUIPMENT
THE THE RESERVE AND ADDRESS OF THE PARTY OF	Guide Shoe
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	Baskets
Commence of the second	AFU Inserts
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The state of the s	Latch Down
The state of the s	A CONTRACTOR OF THE CONTRACTOR OF THE PARTY
	Many Committee C
	Pumptrk Charge Sux face
The state of the s	Mileage/9
	Tax .
	Discount
× A C	Total Charge
Signature fly Jim	Total Orienge

LITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665 No. 497

Cell 785-324-1041	4						a makampatang pasa	and supplied to			
The state of the s	Sec.	Twp.	Range	1	County	State	On Location	Finish			
Date 4 29 12	17	15	12	Ka	544	Tomans "		6.45m			
Lease /Brack 6	Alv	Vell No.	2	Locati	on / ins	5 Hall 5 de	Don't Fol	EF 45:			
Contractor 1/2 yet	12.	100 11	100	100	Owner	Market Service Services		in out horse from			
Type Job	,	9	9		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish						
Hole Size 78		T.D.	3350		cementer and helper to assist owner or contractor to do work as listed.						
Csg.	ROAD TELESCOPE ROAD TELESCOPE ROAD TELESCOPE	Depth			Charge Carcait						
Tbg. Size		Depth			Street						
Tool Depth					City	and the second second	State	MAR THE THREE T			
Cement Left in Csg.	Dellary.	Shoe Joi	nt and a		The above w	vas done to satisfaction ar	nd supervision of owner	agent or contract			
Meas Line Displace					Cement An	nount Ordered 18	5 locks 45	Cal "			
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	RVICES	& REMAR	KS		Calcium		A company of the later	Stranger Holling Stranger			
Remarks:			officers grade of the		Hulls						
Rat Hole	Rat Hole				Salt						
Mouse Hole	004-000 EE		erraga di Aria e		Flowseal SOTI						
Centralizers	11,300 mm sp	Park and	<u> </u>	All the second second	. Kol-Seal						
Baskets	to the second	Fragginson as			Mud CLR 48						
D/V or Port Collar	er ann thaus the				CFL-117 or	CD110 CAF 38		garania da Agranda (j. 1838). Tanàna dia kaominina dia k			
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$\frac{1}{x}$	1	And the N		en a reconstituit de la constituit de la			Discount	1815 760 N Macagan			
Signature	-		THE COLD SHIP		or the property	The man and the Markett	Total Charge				

Arbuckle



DRILL STEM TEST REPORT

Prepared For:

Craig Oil Company

15 S Main St Russell KS 67665

ATTN: Steve Murphy

Brack AA #2

17-15s-12w Russell,KS

Start Date: 2

2012.04.28 @ 18:36:00

End Date:

2012.04.28 @ 22:59:00

Job Ticket #: 45714

DST#: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TROPIEL STEM TEST REPORT

17-15s-12w Russell, KS

Job Ticket: 45714 Brack AA #2

Time Off Btm:

Time On Btm:

Unit No:

Tester:

Last Calib.:

Capacity:

2012.04.28 @ 21:52:00

2012.04.28 @ 20:21:00

2012.04.28

gizq 00.0008

ff 00.8

1844.00 ft (CF)

1850.00 ft (KB)

DST#: 1

Test Start: 2012.04.28 @ 18:36:00

Reference Bevations:

17

Jim Svaty

Test Type: Conventional Bottom Hole (Initial)

KB to GE/CE:

Craig Oil Company

Russell KS 67665 15 S Main St

1850.00 ft (KB)

ATTN: Steve Murphy

:emiT bn3

End Date:

3282.00 ft (KB)

ESTING , INC RILOBITE



GENERAL INFORMATION:

Arbuckle

ON

Deviated: Formation:

Time Test Ended: 22:59:00 Time Tool Opened: 20:21:30

3280.00 ft (KB) To 3300.00 ft (KB) (TVD) Interval:

Hole Diameter: Total Depth: 3300.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Serial #: 8734 Outside

2012,04,28 @ gisq 89.41

Whipstock:

10:98:81

Start Date: Press@RunDepth:

Start Time:

30-ISIP- No Blow TEST COMMENT: 15-IFP- Surface Blow Died in 13 min

30-FSIP- No Blow 12-FFP- No Blow

105.25 Final Hydro-static 1535.52 16 76.386 16 105.04 End Shut-In(2) 14.68 19 (S)nl-Jud2 04.401 84 13.98 104.30 Open To Flow (2) 17 104.52 99.468 End Shut-In(1) 16.18 91 Shut-In(1) 103.98 Open To Flow (1) 12.63 103.84 1647.82 0 104.19 Initial Hydro-static (deg F) (bisd) (.niM) Pressure Temp Annotation Pressure vs. Time YAAMMUS BAUSSBA9

00:69:22

2012.04.28

Gas Rates

Choke (inches) Pressure (psig)

Recovery

3.00 VSOCM 2%0 98%m 40.0 Length (ft) Description (ldd) emuloV

Printed: 2012.05.04 @ 10:1121

Gas Rate (Mcf/d)

Ref. No: 45714

Trilobite Testing, Inc



TOOL DIAGRAM

Craig Oil Company

15 S Main St Russell KS 67665

ATTN: Steve Murphy

17-15s-12w Russell, KS

Brack AA #2

Job Ticket: 45714

DST#: 1

Test Start: 2012.04.28 @ 18:36:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length: 3268.00 ft Diameter: Length:

8.00 ft

ft

3280.00 ft

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 2.75 inches Volume: 2.25 inches Volume: Total Volume:

45.84 bbl 0.00 bbl 0.00 bbl 45.84 bbl Tool Weight:

2500.00 lb Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 36000.00 lb **Tool Chased** 0.00 ft

String Weight: Initial 34000.00 lb

Final 34000.00 lb

Tool Length: Number of Packers:

Drill Pipe Above KB:

Depth to Top Packer:

Depth to Bottom Packer:

Interval between Packers:

40.00 ft

20.00 ft 2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00		0 60065	3265.00		bioStanta
Hydraulic tool	5.00			3270.00		
Packer	5.00			3275.00	20.00	Pattern Of Ton David
Packer	5.00			3280.00	20.00	Bottom Of Top Packer
Stubb	1.00			3281.00		
Perforations	1.00			3282.00		
Recorder	0.00	6669	Inside	3282.00		
Recorder	0.00	8734	Outside	3282.00		
Perforations	15.00			3297.00		
Bullnose	3.00			3300.00	20.00	Pottom Postom 0 A - 1
Total Tool Lengtl	n: 40.00			0000.00	20.00	Bottom Packers & Anchor

FLUID SUMMARY

DST#: 1

wdd

INA geb

DRILL STEM TEST REPORT

Craig Oil Company



17-15s-12w Russell, KS

Water Salinity:

:IAA IiO

Test Start: 2012.04.28 @ 18:36:00

Brack AA #2

Job Ticket: 45714

Russell KS 67665

ATTN: Steve Murphy

15 S Main St

Mud and Cushion Information

Water Loss: ^εni 42.9 Viscosity: 51.00 sec/qt :httpi=VV buM 9.00 lb/gal Mud Type: Gel Chem

mqq 00.000a шшцо

sədəni

Fifter Cake: Salinity: Resistivity:

Recovery Information

Recovery Table

Gas Cushion Pressure:

Gas Cushion Type:

:emulo V noinsu)

Cushion Length:

Cushion Type:

240.0	M%86 0%Z MOOS∧	3.00
əmuloV Idd	Description	Length It

Total Volume:

gisq

Idd

0.042 bbl

Serial #:

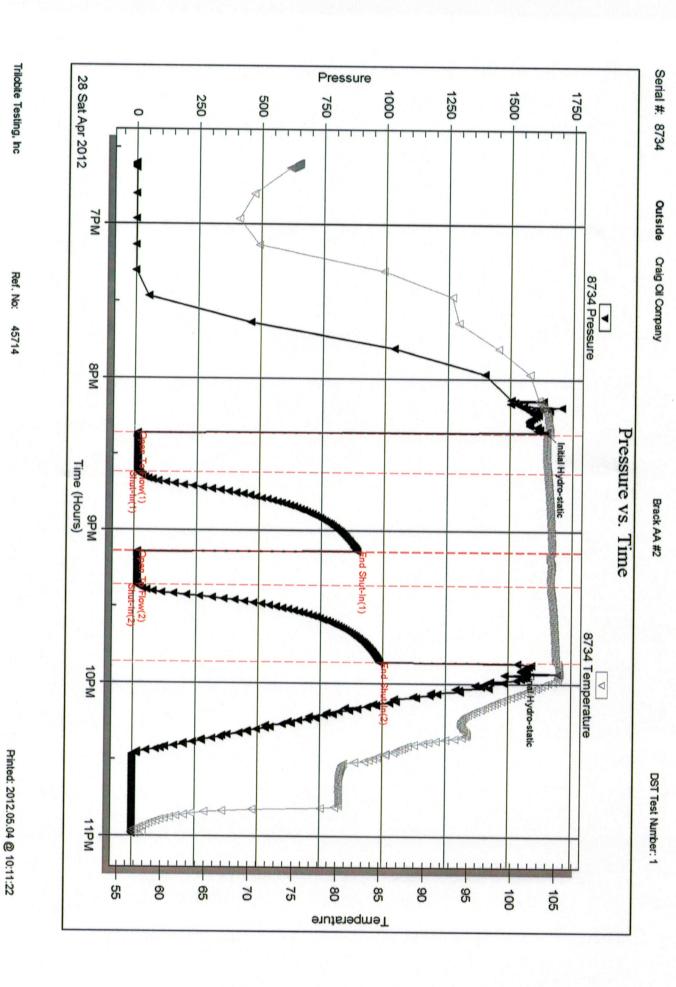
Laboratory Location: Num Gas Bombs:

Laboratory Name: Num Fluid Samples: 0

3.00 ft

Recovery Comments:

Total Length:





Prepared For: Craig Oil Company

15 S Main St Russell KS 67665

ATTN: Steve Murphy

Brack AA #2

17-15s-12w Russell,KS

Start Date: 2012.04.29 @ 11:20:00

End Date: 2012.04.29 @ 13:23:00

Job Ticket #: 45715 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Craig Oil Company

ESTING, INC



17-15s-12w Russell, KS

KB to GB/CE:

17

Jim Svaty

Test Start: 2012.04.29 @ 11:20:00

Test Type: Conventional Straddle (Reset)

Reference Bevations:

2012.04.29 @ 13:23:30

2012.04.29 @ 12:42:00

2012.04.29

gizq 00.0008

ff 00.8

1844.00 ft (CF)

1850.00 ft (KB)

DST#: 2

Brack AA #2

Job Ticket: 45715

Time Off Btm:

Time On Btm:

:oN JinU

Tester:

Last Calib.:

Capacity:

14:39:30

2012.04.29

Russell KS 67665 15 S Main St

ATTN: Steve Murphy

1850.00 ft (KB)

:emiT bri=

End Date:

3041.00 ft (KB)

ЭЕИЕВАГ ІИГОВМАТІОИ:

LKC "C"

ON

Deviated: Formation:

Time Tool Opened: 12:52:00

Time Test Ended: 13:23:00

3350.00 ft (KB) (TVD) 3040.00 ft (KB) To 3050.00 ft (KB)

:Montestock:

Total Depth:

Interval:

7.88 inchesHole Condition: Fair Hole Diameter:

Serial #: 8734

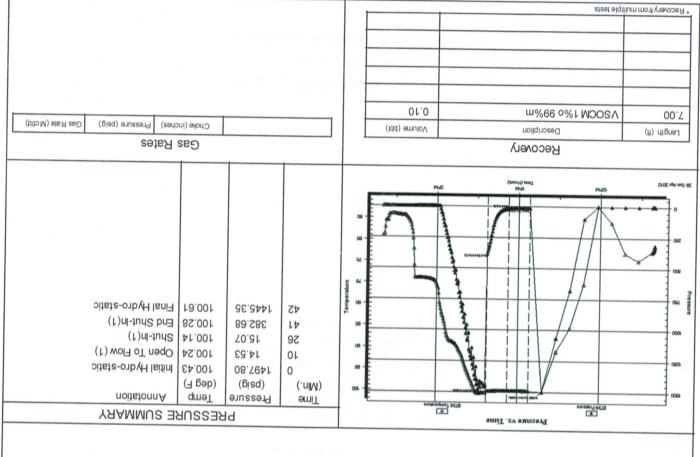
Outside

11:20:01 2012.04.29 @ gisq \(70.21 \)

Start Date: Press@RunDepth:

Start Time:

Wold on -9121-81 TEST COMMENT: 17-IFP Surface Blow Died in 12 min





Craig Oil Company

17-15s-12w Russell, KS

15 S Main St

Brack AA #2

Russell KS 67665

Job Ticket: 45715

DST#: 2

ATTN: Steve Murphy

Test Start: 2012.04.29 @ 11:20:00

GENERAL INFORMATION:

LKC "C"

Deviated:

No Whipstock: 1850.00 ft (KB)

Test Type: Conventional Straddle (Reset)

Time Tool Opened: 12:52:00

Time Test Ended: 13:23:00

Tester:

Jim Svaty

Unit No:

3040.00 ft (KB) To 3050.00 ft (KB) (TVD)

Reference Elevations:

1850.00 ft (KB)

Interval: Total Depth:

3350.00 ft (KB) (TVD)

1844.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

6.00 ft

Serial #: 8365 Press@RunDepth:

Below (Straddle)

psig @

3066.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.04.29

End Date:

2012.04.29

Last Calib .:

Start Time:

11:20:01

End Time:

14:39:30

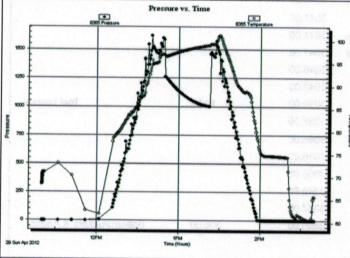
Time On Btm:

2012.04.29

Time Off Btm:

TEST COMMENT: 17-IFP- Surface Blow Died in 12 min

16-ISIP- No Blow



		PI	RESSUR	E SUMMARY
100	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
95		200	583.09	and the said
			43.8	Equation of the P
90			08.5	Stank CSS Subs
95			00.6	dayli
empera			50.5	nepřista
rature			0.00	enclosing
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0			00.0	160 (100 pm
,			CO 085	Stank Scooling
			05.1	Change Over Side
ю			33.00	apostori
			ince	ettura Registutati

Recovery

Length (ft)	Description	Volume (bbl)
7.00	VSOCM 1%o 99%m	0.10
Recovery from		

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 45715

Printed: 2012.05.04 @ 09:22:27

MARDAID JOOT

DST#:2

DRILL STEM TEST REPORT

RILOBITE | | ESTING, INC



SXI	Russel	MZL-S9	1-21
071		0	

Brack AA #2

15 S Main St Russell KS 67665

Craig Oil Company

00:02:11 @ 62.40.210S ::hst2 te9T

ATTN: Steve Murphy

									Tool Comments:
					6.75 inches	Diameter:	2	:81	Number of Packe
							330.00 ft		Tool Length:
							11 00.01	Packers:	Interval betw een
							3050.00 ft	Sacker:	Depth to Bottom
q	Final 36000.00						3040.00 €	Ker:	Depth to Top Pac
q	00.0008E lisitial ::	ring Weight	IS				11 00.92	(B:	Drill Pipe Above N
1,	00.0	ool Chased)T	dd 77.S4	:emuloV lstoT				
q	1 Loose: 40000.00	lu9 of Ingie	M Ī	dd 00.0	2.25 inches Volume:	Diameter:	11 00.0	rength:	Drill Collar:
	1 Packer: 25000.00	o ight set or	M	dd 00.0	2.75 inches Volume:	Diameter:	11 00.0	Length:	Heavy Wt. Pipe:
	2600.00	:JugieVV loc		dd 77.24	3.80 inches Volume:	Diameter:	3049.00 ft	Length:	Drill Pipe:
	o range and							u	Tool Informatio

	Accum. Lengths	Depth (ft)	Position	Serial No.	(ֈֈ) պֈնսե	Tool Description
to the second se	Marketon and a second	3025.00			.00.3	looT nl JudS
		3030.00			6.00	Hydraulic tool
Bottom Of Top Packer	20.00	3035.00			00.8	Packer
		3040.00			00.3	Packer
		3041.00			00.1	ddutS
		3041.00	əbisnl	2728	00.0	Recorder
		3041.00	Outside	6999	00.0	Recorder
		3046.00			00.3	Perforations
		3047.00			00.1	Blank Off Sub
Tool Interval	10.00	3050.00			3.00	ddulS
		3052.00			2.00	Баскет.
		3065.00			13.00	Perforations
		3066.00			00.1	Change Over Sub
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		306.00	Below	8365	00.0	Recorder
		3346.00			280.00	Blank Spacing
		3347.00			00.1	Change Over Sub
Bottom Packers & Anchor	300.00	3350.00			3.00	Bullnose
					330.00	Total Tool Length:



FLUID SUMMARY

Craig Oil Company

17-15s-12w Russell, KS

15 S Main St Russell KS 67665 Brack AA #2 Job Ticket: 45715

DST#: 2

ATTN: Steve Murphy

Test Start: 2012.04.29 @ 11:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Viscosity:

Water Loss:

Resistivity:

Salinity:

Filter Cake:

11.18 in³ ohm.m 7000.00 ppm

9.00 lb/gal

42.00 sec/qt

inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API: Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl	
7.00	7.00 VSOCM 1% o 99% m		

Total Length:

7.00 ft

Total Volume:

0.098 bbl

0

Num Fluid Samples: 0

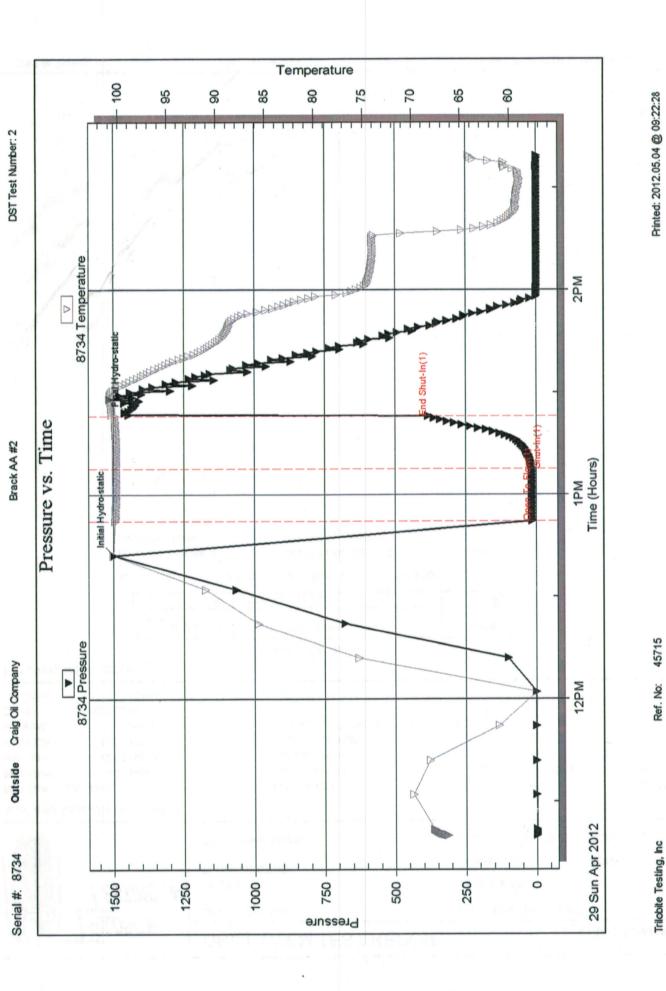
Recovery Comments:

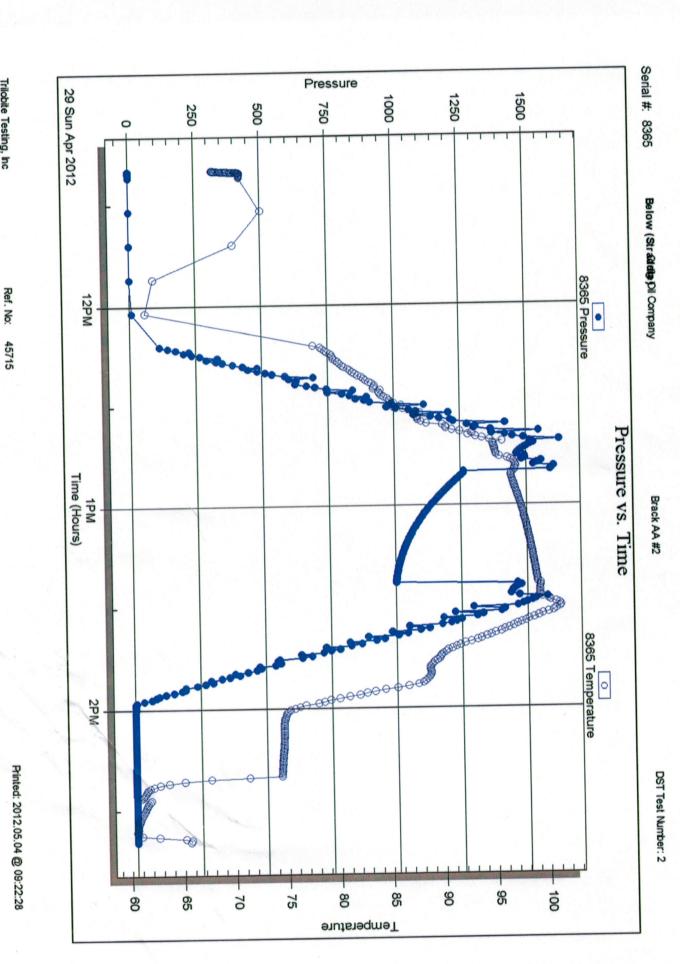
Laboratory Name:

Num Gas Bombs:

Serial #:

Laboratory Location:





Trilobite Testing, Inc



RILOBITE ESTING INC.

APR 5 0 2012

Test Ticket

BY:

P.O. Box 1733 • Hays, Kansas 67601

NO. 45714

4/10 -2-5%			Andrews was the state of the		
Well Name & No. BrACK	AA#2	Test No.	1	Date 4-22	3-12
Company Craig Ward C	rain Dil Compan		1850	кв 184	4 GL
Address 1505, MAIN	Russell K5 67	5	,		
Co. Rep / Geo. WACC Craig	483-1543 Jove	murchia Bo	oual Ri	9 2	
Location: Sec. 17 Twp.	15 S Rge. 12 W	co. Rus	8-100	State K	5
22.20	2340	7.7	alila	Olale /_[-	
20	2300 Zone Tested _	(r) A	uckle	0 :	7
Anchor Length 20	Drill Pipe Run	3268	ML	id Wt9,	2
Top Packer Depth 2260	Drill Collars Ru		Vis		
Bottom Packer Depth 2 < 00	Wt. Pipe Run_	1	WI	9.6	
Total Depth 2200	Chlorides	6000 Appr	n System _ LC	M	
Blow Description #FP-	Durther Blow	- Qredi	N / 24	icid	
ISIP	NO Blow				
FEP-	No Blow				
FSIP.	No Blow				
Rec3 Feet ofV_S	50cm	%gas	2 %oil	%water	18 %muc
Rec Feet of		%gas	%oil	%water	%muc
Rec Feet of		%gas	%oil	%water	%muc
Rec Feet of		%gas	%oil	%water	%muc
Rec Feet of		%gas	%oil	%water	%muc
Rec Total 3 BHT	105 Gravity	API RW@	F CH	nlorides	ррп
A) Initial Hydrostatic 1647	∑ Test 1150		T-On Locat	1/111	2
(B) First Initial Flow 12	Jars		T-Started _	18:30	2
C) First Final Flow	□ Safety Joint		T-Open	20,2	2
D) Initial Shut-In 894	☐ Circ Sub		T-Pulled	2115	2
E) Second Initial Flow 13	☐ Hourly Standby		T-Out	23:00)
F) Second Final Flow 14	Mileage 8	2 RT 127	10 Comments		
G) Final Shut-In 985		2 411 21			
H) Final Hydrostatic 1.53	Sampler				
- Typiosiano	□ Straddle	The state of the s	☐ Ruined	Shale Packer	
aitial Open 15	Shale Packer		☐ Ruined	Packer	
				-nine	
150	☐ Extra Packer _		☐ Extra C	opies	
nitial Open 15 nitial Shut-In 30	Extra Packer Extra Recorder		☐ Extra C Sub Total _	Ø	
nitial Shut-In 30 Final Flow 15	T				Control of the Contro
nitial Shut-In	□ Extra Recorder		Sub Total _	Ø 1277.10	
nitial Shut-In 30 Final Flow 15	□ Extra Recorder □ Day Standby	77.10	Sub Total	Ø 1277.10	



RILOBITE ESTING INC.

Test Ticket

NO. 45715

4/10	1.0. box 1/33 · H	BY			40110	
Well Name & No.	Brack AA +	#2	Test No.	2	Date 4-29	1-12
Company CrAi	9 Dil Compa	NG.	Elevation	1850	KB 1846	
Address 15 S.	MAIN PUSS	EXCKS 6	7665	, , , , , ,	NB / 0 / 7	GL_GL
Co. Rep / Geo. S	tere Murpl	14	Rig Ro	and A	12	
Location: Sec. /	7 Twp. 155	Rge. /2	W Co. Ry	Ssell	State K	5
Interval Tested 30	40-3050	Zone Tested			- II	
Anchor Length 10	Archor 300 TA	Progrill Pipe Bu	3049		0.1	
Top Packer Depth	3040	Drill Collars I			ud Wt 9, /	
Bottom Packer Depth	3050	Wt. Pipe Rur		Vi	11 -	
Total Depth	3350	Chlorides	7000	W		
Blow Description	LFP- Souta	ce Blow	—	n System LC	м2_	
15	IP- NO B	land	10164 17 10	2 min	102	
	- 00 1	1-1				
	pull 1	001				
Rec	et of VSOCN	1	9/ 000	1 0/-11	%water 9	0
RecFe	eet of		%gas	/ %oil		/ /oilidd
RecFe	eet of		%gas	%oil	%water	%mud
RecFe	et of		%gas	%oil	%water	%mud
RecFe	et of		%gas	%oil	%water	%mud
Rec Total 7	внт /00	Gravity	%gas API RW @	%oil	%water	%mud
A) Initial Hydrostatic	1497		API RW @		lorides	ppm
B) First Initial Flow	14	☐ Jars		T-On Locati T-Started	on 10:00	
C) First Final Flow	15			T-Open	12:50	,-
D) Initial Shut-In	382	☐ Safety Joint		T-Pulled	13:23	
E) Second Initial Flow	1443	☐ Circ Sub ☐ Hourly Standb		T-Out	14:40	
F) Second Final Flow				Comments		
G) Final Shut-In		Mileage 53	127.10			
H) Final Hydrostatic	1445	Sampler_				
		Straddle loc	20	☐ Ruined	Shale Packer	
nitial Open	1	☐ Shale Packer_		☐ Ruined I	Packer	
nitial Shut-In/	6	☐ Extra Packer _		☐ Extra Go	pies	. Element
inal Flow	<u> </u>		r	Sub Total	Ø	
inal Shut-In		Day Standby		Total	877.10	
mai onui-in		☐ Accessibility _		MP/DST D	sc't	
4		Sub Total	377.10	70	1	_
pproved By		(Our Representative	he and	10016	

Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.