



Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 October 2008 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: Licens	se # 33711		API No. 15 - 03524305000				
Name: B-C S	iteel, LLC.						
		zip: 66783_+	1				
=		ILLC					
· ·							
-							
Designate Type of Co			Elevation: Ground: 1406.85 Kelly Bushing: _5'				
	Re-Entry	Workover	Total Depth: 2515 Plug Back Total Depth: 2515				
	Ne-Endy		Amount of Surface Pipe Set and Cemented at: 314 Feet				
	_ SWD SIGW		Multiple Stage Cementing Collar Used? ☐ Yes ☑ No				
	Methane) Temp.		If yes, show depth set: Feet				
•	_ Other		If Alternate II completion, cement circulated from:				
·	(Core, WSV	V, Expl., Cathodic, etc.)	feet depth to: w/ sx cmt.				
	/: Old Well Info as follows:						
Operator:			Drilling Fluid Management Plan A + I NCC 3-4-09 (Deta must be collected from the Reserve Pit)				
-		l Total Depth:	Chloride content: 1000 ppm Fluid volume: 30 bbls				
		to EnhrConv. to SW	Dewatering method used: Suction truck				
Plug Back: _	F	Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled	•	:	Operator Name: B-C STEEL				
Dual Comple		:	Lease Name: Beamer License No.: 33711				
Other (SWD		:	Quarter NE Sec. 10 Twp. 32 S. R. 7 Sest West				
9/12/08	9/26/08	9/26/08	County: Cowley Docket No.: E-06951				
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date	County: Docket No.:				
Kansas 67202, with of side two of this tiality in excess of	thin 120 days of the spud d form will be held confidenti 12 months). One copy of	ate, recompletion, workover al for a period of 12 months all wireline logs and geologi	with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information if requested in writing and submitted with the form (see rule 82-3-107 for confidensit well report shall be attached with this form. ALL CEMENTING TICKETS MUST 11 form with all temporarily abandoned wells.				
All requirements of tare complete and/co	the statutes, rules and regularized to the best of my king	whations promulgated to regu	late the oil and gas industry have been fully complied with and the statements herein				
Signature:	nterfel ent	Date:	KCC Office Use ONLY Letter of Confidentiality Received				
Subscribed and swo	orn to before me this	3 day of File	If Denied, Yes Date:				
20 <u>0 9</u> .							
Notary Public:	Caretany	Hopper	Geologist Report Received ———————————————————————————————————				
Date Commission E	xpires: 2-28	- 0-1					

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Side Two

Operator Name: B-C	Steel, LLC.			_ Lease	Name: L	Davis		Well #:	
Sec. <u>10</u> Twp. <u>3</u>	2S. R. <u>7</u>	_ 🗹 East	☐ West	County	y: Cowl	ey			- Inc.
ime tool open and clo	osed, flowing and s es if gas to surface	hut-in pressi test, along v	ures, whether s	hut-in pres	ssure read	ched static level	, hydrostatic p	pressures, bottom l	giving interval tested, hole temperature, flui Electric Wireline Logs
Drill Stem Tests Taken				□L	og Formatio	on (Top), Dept	th and Datum	✓ Sample	
•	•	 ✓ Y	es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)	ores Taken				Cleve	eland		2437	-1030
ist All E. Logs Run: 1. Sonic cen	nent bond log	g. 1.Dua	I Induction	Log.		·			
			CASING	RECORD	✓ No	ew Used			
Purpose of String	Size Hole Drilled	Si	ort all strings set- ze Casing t (In O.D.)	We	surface, inte eight . / Ft.	ermediate, produc Setting Depth	tion, etc. Type of Cemen		Type and Percent Additives
Surface	12 1/4	8 5/8		28#		314	class A	150	2% gel-3%cal ctr-25#flos
Production	6 3/4	4 1/2		10.5#		2530	thickset	140	Thickset cmt-700#Kol SE
			ADDITIONAL	CEMENT	ING / SQI	JEEZE RECORE)		<u></u>
Purpose: —— Perforate —— Protect Casing —— Plug Back TD	Depth Top Bottom	Туре	e of Cement	T	s Used			and Percent Additives	5 .
Plug Off Zone				1					
Shots Per Foot	PERFOR Spec	ATION RECO	RD - Bridge Pluç Each Interval Per	js Set/Type forated	•			ement Squeeze Reco of Material Used)	ord Depth
2	2437 to 2439	2feet				See attacl	ned fractu	re information.	•
2	2442 to 2445	3feet							RECEIVEL
2	2449 to 2450	1foot						KANS	AS CORPORATION CO
2	2468 to 2473	5feet							FEB 0 4 200
TUBING RECORD: 2	Size: 3/8 "	Set At 2440		Packer i	At:	Liner Run:	Yes •	/ No	CONSERVATION DIVI WICHITA, KS
Date of First, Resumed shut in	Production, SWD or	Enhr.	Producing Met		✓ Flowin	g Pump	ing 🔲 G	as Lift Oth	her (Explain)
Estimated Production Per 24 Hours	Oil 0	Bbls.	Gas 150	Mcf	Wat	ter I	3bis.	Gas-Oil Ratio	Gravity 0
DISPOSITI	ON OF GAS:			METHOD O	F COMPL	ETION:		PRODUCT	ION INTERVAL:
☐ Vented	d Used on Lea		Open Hole [1	Perf.	Duali	y Comp. Co	mmingled		

TEGINOLOGY STIMULATION SERVICES

PREPARED FOR:

Team Resources, Inc. (BC Steel)
Burke Carlson
1/7/2009

Davis # 1
Sec_3 - Twp 325 - Rge 7E
Cowely County Kansas
Frac Treatment

SALES:

Neal Rupp 316-250-7057 OPERATIONS:

Rudy Anderson 316-778-2228

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Team Resources, Inc. (BC Steel)

Davis # 1 Cowely County Kansas Frac Treatment 7-Jan-09

FLUID SPECIFICATIONS

Fluid 1: Acid

Fluid 2: Pad

Fluid 3: Send

Fluid 4: Flush

Fluid 5: Tank Bottom

Fluid 6: Total Fluid Requirements

CHEMICAL

MOU

LOADING PER 1000 GALS.

Bio-5 Biocide
P - CSA - 5
Guar W-30
Non E-1
Liquid KCL Substitute
Aqua-Breaker
I-4 Low Temperature Inhibtor

Pound Gallon Pound Gallon Gallon Gallon

						<u> </u>
Fluid 1	Fluid 2:	Fluid 3:	Fluid 4:	Fluid 5.	Fluid 6:	[
150 gls.	7,000 gls	3,584 gls.	2,020 gis.	1,000 gls.	13,754 gls.	
	0.20	0.20	0.20			
	1.00	1.00	1.00	1.00		
	20.00	20.00	20.00	20.00		
	1.00	1.00	1.00	1.00		
	1.00	1.00	1.00	1.00		
	0.10					
1.00						

						·
						!

Fluid Requirements

Frac Tanks:

1

Total Bbis:

324

_	AA	ci ie-i	-	é ion	form	ation	

<u>vote: Actual Breaker</u>	Loadings	will be deter	mined by	pre-job	testing.
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Perfs:

Technology Stimulation Service does not Furnish water.

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FORMATION	Cleviand Sand		
	0.520	BHFP=	1,334
Fluid Hydrostatic Gradient	0.435	HH=	1,055
	2405	P _{f (perf)} =	170
Bottom Perf Depth	2,445	P f [pipe]=	218
Pipe Size	4 1/2	and the same of	Long Street, S
Pipe Volume Coefficient	0.01590		
	9		
Flush Volume	1,606		
Pipe Friction Pres. Grad.	90		
Perf Diameter	0.420	o o	
Perf Friction Pres. Grad.	70		

Stage	Slurry Rate	Gallons	Fluid Type	Proppant Type	Concentration	Stage Prop Total	Clean Bbls.	Cum. Bbls.	Slurry Bbls.	Stage 1 ime (min
Acid	6	150	Hcl		0.15	Dange / Top Total				Stage inne timi
Pad	.25	7000	AquaFrac-20				3.6	3.6	3.6	0.
Sand	25	1000	AquaFrac-20	16/30 Brady		1000	166.7	170.2	166.7	6.
Sand	25	750	AquaFrac-20	16/30 Brady		1000	23.8	194.0	24.9	1.
Sand	25	500	AquaFrac-20	16/30 Brady		1500	17.9	211.9	19.5	0.
Sand	25	1334	AquaFrac-20	12/20 Brady	3	1500	11.9	223.8	13.5	0.
Flush	25	1600	AquaFrac-20	12 20 Brady	- 3	4002	31,8	255.6	36.0	1.
Over Flush	15	420					38.1	293.7	38.1	1.
910111100		420	AquaFrac-20				10.0	10.0	10.0	0.
										
- 										
Totals		12754				8002	303.7		312.2	13.2

Chemicals

1112 1126 1201 1151	3.6 Pound 14.0 Gallon 273.0 Pound 14.0 Gallon	Bio-5 Biocide P-CSA - 5 Guar W-30 Non E-1 Liquid KCL Substitute
1121 1304	14.0 Gallon 1.0 Gallon	Liquid KCL Substitute Aque-Breaker
1451	1.0 Gallon	1-4 Low Temperature Inhibtor

Proppants/Diverters/Acid

1003	40 CWT	16/30 Brady
1004	40 CWT	12/20 Brady
1405	150 Gallon	15% HCL

Equipment .

5006	20 Each	Group Pump 1000 HP
2103	1.0 Each	21-30 BPM Blender
2403	1 C Per Job	AMU
5803	1.0 Each	4 IN, 5000 PSI Valve
2111	2.0 Hr	Mixing Time
2201	300.0 Mi	Heavy Equip. One Way
5505	60.0 MI	Light Equip. One Way
2204	120.0 TM	Sand Cartage
2805	1 O Each	Radioactive Densiometer
2505	1.0 Per Job	Acid Delivery Charge

JOB ESTIMATE:

We appreciate the opportunity to present this proposal to you. If you have any questions or would like to make any changes to this proposal, please do not hesitate to contact me~VV% look forward to working with you in the near future.

Thank you,

Neal Rupp

This technical data is presented in good fash, but no warrancy is given by and Technology Schridation Services assumes no liability for advice or recommendations made concerning casults to be obtained from the use of any product or review, the information presented is Technology Stimulation Services best estimate of the ectual results that may be achieved and chauld be used for comparison proposes rather than absolute values.

Prices quoted are estimates any and are good for 30 days from the date of issue Pricing does not include tederal state, or local taxes, or royalizes and stated price adjustments. Actual charges may vary depending upon time, equipment, and motorial ultimately required to perform these services. Decount rate is based on 30 days not permant terms or cash.

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