

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1105802

Form ACO-1 August 2013 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:			Sec	TwpS. R
Address 2:			Feet	from $\ \square$ North / $\ \square$ South Line of Section
City: Sta	ate: Ziŗ	D:+	Feet	from East / West Line of Section
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:
Phone: ()			□ NE □ NW	□ SE □ SW
CONTRACTOR: License #			GPS Location: Lat:	, Long:
Name:				. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27 NAD27	
Purchaser:			County:	
Designate Type of Completion:			Lease Name:	Well #:
New Well Re-	Entry	Workover	Field Name:	
	_		Producing Formation:	
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	☐ ENHR ☐ GSW	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:
CM (Coal Bed Methane)	G3W	Temp. Abd.	Amount of Surface Pipe Set a	and Cemented at: Feet
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co	
If Workover/Re-entry: Old Well Info				Feet
Operator:				nent circulated from:
Well Name:			, ,	w/sx cmt.
Original Comp. Date:			loot doparto.	W,
<u> </u>	_	NHR Conv. to SWD		
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the	
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbls
Dual Completion	Permit #:		Dewatering method used:	
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:
ENHR	Permit #:		On a water Manage	
GSW	Permit #:			L'acces II
				License #:
Spud Date or Date Rea	ched TD	Completion Date or		TwpS. R
Recompletion Date		Recompletion Date	County:	Permit #:

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								
Confidentiality Requested								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II Approved by: Date:								

Page Two



Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run		es No							
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottom								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.			mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Stagecoach 2925 1-14H
Doc ID	1105802

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9302-9618	4180 bbls water, 108 bbls acid, 75M lbs sd, 4180 TLTR	
5	8864-9224	4173 bbls water, 108 bbls acid, 75M lbs sd, 9026 TLTR	
5	8454-8788	4167 bbls water, 108 bbls acid, 75M lbs sd, 13517 TLTR	
5	8055-8394	4161 bbls water, 108 bbls acid, 75M lbs sd, 18046 TLTR	
5	7652-7960	4154 bbls water, 108 bbls acid, 75M lbs sd, 22431 TLTR	
5	7180-7536	4147 bbls water, 108 bbls acid, 75M lbs sd, 26749 TLTR	
5	6766-7096	4141 bbls water, 108 bbls acid, 75M lbs sd, 26809 TLTR	
5	6352-6720	4134 bbls water, 108 bbls acid, 75M lbs sd, 35297 TLTR	
5	5970-6293	4128 bbls water, 108 bbls acid, 75M lbs sd, 39448 TLTR	
5	5550-5894	4122 bbls water, 108 bbls acid, 75M lbs sd, 43384 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Stagecoach 2925 1-14H
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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	128	Pro Oilfield Services Cement	16	none
Surface	12.25	9.63	36	1183	Halliburton Extendac em and Swiftcem Systems	430	3% Calcium Chloride, .25 lbm Poly-E- Flake
Intermedia te	8.75	7	26	5832	Halliburton Econocem and Halcem System	300	.4% Halad(R)- 9, 2 lbm Kol-Seal, 2% Bentonite
Production	6.12	4.5	11.6	9735	Halliburton Econocem System	500	.4% Halad(R)- 9, 2 lbm Kol-Seal, 2% Bentonite

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

December 26, 2012

Tiffany Golay SandRidge Exploration and Production LLC 123 ROBERT S. KERR AVE OKLAHOMA CITY, OK 73102-6406

Re: ACO1 API 15-0

API 15-057-20857-01-00 Stagecoach 2925 1-14H SE/4 Sec.14-29S-25W Ford County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Tiffany Golay

Well Name		Target Dire	ection	Slot	N/S	E/W	Hole Size	Calculation	n by	Date
Stagecoach	h 2925 1	1.22		Coordinate						2/26/13
Job Numbe	er	Type of Su	rvey	Tie-in Point				Directiona	al Co.	
0										
Meaured	Hole	Hole	Course	True Vertical	Vertical		Coordinate	Dogleg	Build Up	Walk/
Depth	Angle	Direction	Length	Depth	Section	N + / S -	E + / W -	Severity	°/100 ft	°/100 ft
0	0	0	0	0.00	0.00	2.00	0.00	<<	TIE-IN PC) N >>
0	0	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00
238	0	0	238	238.00	0.00	0.00	0.00	0.00	0.00	0.00
484	1	0	246	484.00	1.07	1.07	0.00	0.20	-0.08	
730	0	0	246 250	729.99 979.99	2.79 3.88	2.79 3.88	0.00	0.08	-0.08	0.00
980 1354	0	0 9	374	1,353.99	5.18	5.18	0.00	0.04	0.00	
1823	1	64	469	1,822.97	7.12	7.07	2.43	0.01	0.00	11.75
2294	0	294	471	2,293.97	8.25	8.15	4.64	0.13	-0.13	
2760	0	290	466	2,759.96	8.76	8.70	3.11	0.09	0.09	-0.92
3225	0	304	465	3,224.95	10.14	10.13	0.23	0.02	0.00	3.01
3695	1	274	470	3,694.93	11.17	11.26	-4.00	0.09	0.06	
4162	1	181	467	4,161.90	8.06	8.21	-6.88	0.23	0.02	-20.06
4351	1	179	189	4,350.89	5.59	5.74	-6.87	0.05	-0.05	
4412	1	180	61	4,411.88	4.84	4.99	-6.86	0.02	0.00	1.97
4443	1	183	31	4,442.88	4.46	4.61	-6.87	0.12	0.00	9.68
4474	0	123	31	4,473.88	4.25	4.39	-6.83	2.02	-1.61	-194.84
4506	2	352	32	4,505.88	4.63	4.78	-6.84	5.11	4.06	717.81
4537	3	349	31	4,536.85	5.93	6.08	-7.07	6.14	6.13	-9.35
4569	6	349	32	4,568.74	8.44	8.61	-7.55	7.50	7.50	0.00
4598	8	350	29	4,597.53	11.83	12.01	-8.16	7.25	7.24	3.10
4631	10	350	33	4,630.11	16.98	17.18	-9.06	7.58	7.58	-0.30
4661	13	349	30	4,659.50	22.87	23.09	-10.14	7.70	7.67	-3.33
4693	15	350	32	4,690.57	30.36	30.62	-11.54	7.21	7.19	2.19
4724	17	353	31	4,720.35	38.83	39.11	-12.84	7.52	7.10	9.03
4755	19	356	31	4,749.80	48.44	48.74	-13.81	7.21	6.45	10.32
4786	21	358	31	4,778.94	58.98	59.30	-14.39	5.32	4.84	6.45
4818	22	359	32	4,808.70	70.72	71.05	-14.75	5.41	5.31	2.81
4847	24	359	29	4,835.34	82.16	82.49	-14.99	5.87	5.86	0.69
4878	26	360	31	4,863.38	95.37	95.71	-15.17	7.47	7.42	1.94
4910	28	1	32	4,891.80	110.07	110.42	-15.16	6.11	5.94	########
4941	30	1	31	4,918.92	125.10	125.44	-14.97	4.58	4.52	1.61
4973	32	1	32	4,946.42	141.46	141.80 159.18	-14.62 -14.32	6.59 7.01	6.56 6.88	1.25 -2.50
5005 5037	34	1	32 32	4,973.28 4,999.54	158.84 177.12	177.46	-14.32	5.42	5.31	-1.88
5068	36 37	359	31	5,024.49	195.51	195.86	-14.23	4.71		1,159.03
5099	39	359	31	5,048.94	214.56	214.92	-14.66	5.57	5.48	-1.61
5131	41	359	32	5,073.43	235.13	235.50	-15.09	7.81	7.81	0.00
5163	45	359	32	5,096.75	257.01	257.40	-15.59	11.88	11.87	-0.62
5194	49	359	31	5,117.89	279.66	280.06	-15.98	12.40	12.26	2.58
5226	51	0	32	5,138.57	304.07	304.48	-16.04	5.73	5.31	
5258	51	Ō	32	5,158.83	328.83	329.25	-15.93	0.67	0.63	-0.31
5289	51	0	31	5,178.36	352.90	353.32	-15.85	0.97	0.97	0.00
5320	51	360	31	5,197.79	377.06	377.48	-15.83	0.99	0.65	1,160.32
5351	51	360	31	5,217.15	401.26	401.69	-15.87	0.32	0.32	0.00
5382	51	360	31	5,236.49	425.48	425.92	-15.95	0.50	0.00	-0.65
5414	52	360	32	5,256.35	450.57	451.01	-16.09	1.56	1.56	0.00
5446	54	359	32	5,275.58	476.13	476.58	-16.31	7.26	7.19	-1.25
5478	57	359	32	5,293.61	502.54	503.01	-16.68	9.39	9.38	-0.62
5509	60	359	31	5,309.88	528.91	529.40	-17.12	7.42	7.42	-0.32
5540	61	359	31	5,325.16	555.86	556.36	-17.59	6.13	6.13	0.00
5573	65	359	33	5,340.12	585.25	585.77	-18.02	10.03	10.00	0.91
5605	67	360	32	5,353.18	614.45	614.97	-18.30	7.55	7.50	0.94
5637	70	360	32	5,364.89	644.22	644.75	-18.54	9.07	9.06	-0.31
5669	73	358	32	5,374.93	674.56	675.12	-19.23	11.64	10.63	-5.00
5701	76	355	32	5,383.30	705.34	705.95	-21.07	11.98	9.06	-8.13
5733	80	355	32	5,389.78	736.49	737.16	-23.74	12.56	12.50	-1.25
5764	85	355	31	5,393.83	767.02	767.76	-26.58	14.25	14.19	-1.29

Well Name	h 2025 4	Target Dire	ection	Slot	N/S	E/W	Hole Size	Calculation	on by	Date 2/26/13
Stagecoac		1.22 Type of Su	IN/AV	Coordinate Tie-in Point				Directional Co.		2/20/13
0	31	Type or ou	1 V C y	1110-1111 01111				Dirodirone	., oo.	
Meaured	Hole	Hole	Course	True Vertical	Vertical	Total	Coordinate	Dogleg	Build Up	Walk/
Depth	Angle	Direction	Length	Depth	Section	N + / S -	E + / W -	Severity	°/100 ft	°/100 ft
0	0	0	0	0.00	0.00			,	TIE-IN PC	
5881	93	357	117	5,396.07	883.33	884.28	-35.55	7.42	7.18	
5912	92	356	31	5,394.59	914.18	915.19	-37.46	2.77	-2.26	-1.61
5944	91	357	32	5,393.55	946.06	947.11	-39.39	4.07	-3.44	2.19
5975	91	358	31	5,393.07	976.98	978.07	-40.90	3.23	-2.58	1.94
6006	91	358	31	5,392.77	1,007.92	1,009.04	-42.12	1.64	0.32	1.61
6038	90	359	32	5,392.54	1,039.88	1,041.03	-43.01	2.79	-1.25	2.50
6070	91	359	32	5,392.32	1,071.86	1,073.02	-43.57	1.77	1.25	1.25
6101	90	360	31	5,392.13	1,102.84	1,104.02	-43.81	2.77	-1.61	2.26
6133	90	1	32	5,392.13	1,134.84	1,136.02	-43.56	3.49		########
6165	88	2	32	5,392.61	1,166.84	1,168.00	-42.67	6.00	-4.69	3.75
6196	89	4	31	5,393.39	1,197.81	1,198.95	-41.13	4.30	0.97	4.19
6228	89	4	32	5,393.95	1,229.78	1,230.88	-39.04	2.44	1.88	1.56
6259	90	4	31	5,394.27	1,260.74	1,261.81	-37.01	1.74	0.65	-1.61
6290	90	3	31	5,394.52	1,291.72	1,292.76	-35.25	1.64	0.32	-1.61
6322	90	3	32	5,394.69	1,323.71	1,324.72	-33.66	1.13	0.63	-0.94
6353	90	2	31	5,394.71	1,354.70	1,355.69	-32.28	1.37	0.97	-0.97
6385	91	2	32	5,394.54	1,386.70	1,387.67	-31.02	1.56	1.25	-0.94
6416	91	3	31	5,394.22	1,417.68	1,418.63	-29.65	2.97	0.65	2.90
6448	91	3	32	5,393.77	1,449.67	1,450.59	-27.97	0.63	0.63	0.00
6480	91	3	32	5,393.16	1,481.65	1,482.54	-26.35	1.40	1.25	-0.63
6511	93	3	31	5,391.92	1,512.61	1,513.47	-24.76	6.52	6.45	0.97
6543	95	4	32	5,389.74	1,544.51	1,545.34	-22.92	3.95	3.75	1.25
6575	95	3	32	5,386.98	1,576.37	1,577.17	-21.03	2.88	2.81	-0.63
6606	95	2	31	5,384.14	1,607.23	1,608.00	-19.58	3.97	-0.97	-3.87
6638	94	1	32	5,381.71	1,639.13	1,639.90	-18.77	6.20	-4.69	-4.06
6670	93	360	32	5,379.98	1,671.08	1,671.85	-18.57	4.20	-3.13	
6702	93	360	32	5,378.39	1,703.03	1,703.81	-18.71	1.82	1.56 1.56	-0.94 0.00
6734 6765	94	360 0	32 31	5,376.52	1,734.96 1,765.91	1,735.76 1,766.71	-18.94 -18.96	1.56 3.68		#######
6796	93 93	1	31	5,374.82 5,373.36	1,785.91	1,797.67	-18.75	0.64	0.00	0.65
6828	92	1	32	5,372.02	1,828.84	1,829.64	-18.30	2.65	-1.87	1.88
6860	92	1	32	5,370.82	1,860.82	1,861.61	-17.66	0.44	0.31	0.31
6891	93	1	31	5,369.52	1,891.79	1,892.58	-17.04	1.33	1.29	-0.32
6923	93	1	32	5,367.96	1,923.75	1,924.54	-16.54	1.77	1.25	-1.25
6954	93	2	31	5,366.25	1,954.71	1,955.48	-15.91	3.06	0.97	2.90
6986	94	2	32	5,364.16	1,986.63	1,987.40	-14.88	3.22	2.81	1.56
7017	95	2	31	5,361.73	2,017.53	2,018.28	-13.75	1.94	1.94	0.00
7049	95	1	32	5,359.11	2,049.43	2,050.16	-12.80	2.57	-0.63	-2.50
7081	93	1	32	5,356.87	2,081.35	2,082.07	-12.08	3.75	-3.75	0.00
7112	93	2	31	5,355.22	2,112.30	2,113.02	-11.19	3.19	-2.26	2.26
7144	93	3	32	5,353.66	2,144.26	2,144.95	-9.91	1.97	0.63	1.87
7176	93	2	32	5,352.01	2,176.21	2,176.88	-8.57	1.29	0.31	-1.25
7207	94	3	31	5,350.15	2,207.14	2,207.79	-7.22	3.49	2.90	1.94
7239	93	2	32	5,348.33	2,239.08	2,239.71	-5.83	4.47	-4.06	-1.87
7271	92	1	32	5,346.97	2,271.05	2,271.67	-4.85	2.96	-0.94	-2.81
7302	94	1	31	5,345.34	2,302.01	2,302.62	-4.17	4.53	4.52	-0.32
7333	94	1	31	5,343.32	2,332.94	2,333.54	-3.50	0.46	0.32	0.32
7365	94	1	32	5,341.08	2,364.87	2,365.46	-2.75	1.29	1.25	0.31
7397	93	2	32	5,339.02	2,396.80	2,397.38	-1.88	3.26	-3.13	0.94
7429	92	2	32	5,337.65	2,428.77	2,429.33	-0.88	4.73	-4.69	0.62
7460	92	2	31	5,336.70	2,459.75	2,460.30	0.09	0.72	0.32	-0.65
7491	92	2	31	5,335.76	2,490.73	2,491.27	1.07	0.72	-0.32	0.65
7538	92	2	47	5,334.40	2,537.71	2,538.22	2.71	0.48	-0.21	0.43
7586	90	2	48	5,333.69	2,585.70	2,586.18	4.55	3.15	-3.13	0.42
7634	89	2	48	5,334.15	2,633.69	2,634.14	6.39	2.74	-2.71	-0.42
7681	87	2	47	5,335.88	2,680.65	2,681.08	7.91	3.97	-3.83	-1.06
7729	88	2	48	5,338.18	2,728.59	2,729.01	9.41	1.33	1.04	0.83

Well Name		Target Dire	ection	Slot	N/S	E/W	Hole Size	Calculation	on by	Date
Stagecoad		1.22 Type of Su	IN COLU	Coordinate Tie-in Point				Directiona	al Co	2/26/13
0	e/	Type or Su	rvey	TIE-III POITI				Directions	ar CO.	
Meaured	Hole	Hole	Course	True Vertical	Vertical	Total	Coordinate	Dogleg	Build Up	Walk/
Depth	Angle	Direction	Length	Depth	Section	N + / S -	E + / W -	Severity		°/100 ft
0	0	0	0	0.00	0.00	11 1 7 0			TIE-IN PC	
7776	89	3	47	5,339.78	2,775.55	2,775.94	11.38	2.89		
7824	90	4	48	5,340.28	2,823.52	2,823.86	14.02	3.64	3.33	1.46
7885	91	3	61	5,339.54	2,884.48	2,884.76	17.37	2.00	1.64	-1.15
7934	92	3	49	5,338.21	2,933.45	2,933.69	19.64	1.55		-0.61
7979	90	1	45	5,337.31	2,978.43	2,978.66	21.01	4.71	-3.33	-3.33
8029	89	1	50	5,337.74	3,028.43	3,028.65	21.93	3.61	-3.60	0.20
8074	90	1	45	5,338.41	3,073.42	3,073.63	22.63	2.60	2.44	-0.89
8124	90	1	50	5,338.63	3,123.42	3,123.63	23.50	1.22	0.20	1.20
8169	90	1	45	5,338.83	3,168.42	3,168.62	24.33	1.13		-1.11
8219	89	1	50	5,339.52	3,218.41	3,218.60	25.29	2.33		1.20
8264	90	1	45	5,340.23	3,263.41	3,263.59	26.23	1.99	1.78	-0.89
8313	88	2	49	5,341.34	3,312.39	3,312.56	27.39	3.56		1.43
8358	88	2	45	5,343.07	3,357.36	3,357.51	28.68	0.50	-0.44	-0.22 -0.20
8408	88	2	50	5,344.90	3,407.33	3,407.45	30.03	0.82	0.80	3.56
8453 8503	87	3	45	5,346.83	3,452.27 3,502.17	3,452.38	31.84 35.06	4.31 2.78	-2.44 1.40	2.40
8550	88 90	4 5	50 47	5,349.14	3,549.08	3,502.22 3,549.06	38.79	5.63		1.06
	92	5	49	5,349.96 5,349.14	3,549.06	3,549.00	42.97	2.68	2.65	0.41
8 <u>5</u> 99 8645	93	5	46	5,349.14	3,643.84	3,643.67	46.90	2.43	2.39	-0.43
8694	91	6	49	5,346.05	3,692.71	3,692.45	51.29	4.71	-4.49	1.43
8741	89	6	47	5,346.09	3,739.56	3,739.21	56.00	2.57	-2.34	1.06
8789	90	6	48	5,346.43	3,787.39	3,786.95	61.02	0.83	0.83	0.00
8835	90	6	46	5,346.43	3,833.22	3,832.68	65.99	1.23	0.87	0.87
8884	90	6	49	5,346.21	3,882.03	3,881.39	71.28	0.84	0.20	-0.82
8930	91	6	46	5,345.73	3,927.88	3,927.15	75.97	1.46	1.30	-0.65
8979	91	6	49	5,345.13	3,976.72	3,975.90	80.88	0.84	-0.82	0.20
9075	88	4	96	5,346.72	4,072.48	4,071.50	89.33	3.40	-3.02	-1.56
9123	87	4	48	5,349.03	4,120.37	4,119.33	92.63	2.06	-1.46	-1.46
9170	88	3	47	5,351.20	4,167.29	4,166.21	95.25	2.56	1.91	-1.70
9217	89	2	47	5,352.64	4,214.26	4,213.14	97.13	2.86	1.91	-2.13
9266	90	0	49	5,353.15	4,263.25	4,262.13	98.03	4.19	2.86	-3.06
9311	91	0	45	5,352.60	4,308.24	4,307.13	98.23	2.68	2.67	-0.22
9360	91	360	49	5,351.53	4,357.22	4,356.11	98.14	1.24		733.47
9405	93	0	45	5,349.92	4,402.17	4,401.08	98.03	3.94	3.78	-798.89
9455	94	360	50	5,347.09	4,452.08	4,451.00	97.89	1.72	1.40	719.00
9500	94	359	45	5,344.06	4,496.94	4,495.89	97.15	2.68	1.11	-2.44
9550 9597	93	359	50 47	5,341.10	4,546.81	4,545.79	96.06 95.32	2.97 3.64	-2.80 -3.62	1.00 0.43
9645	91 90	359 359	48	5,339.58 5,339.08	4,593.75 4,641.71	4,592.76 4,640.75	94.44	1.97	-1.67	-1.04
9691	91	359	46	5,338.76	4,687.66	4,686.74	93.36	0.90	0.87	-0.22
9728	91	358	37	5,338.31	4,724.62	4,723.72	92.36	0.97	0.54	-0.22
9780	91	358	52	5,337.49	4,776.53	4,775.69	90.68	0.69	0.38	-0.58
0	0	0	02	5,337.49	4,776.53	4,775.69	90.68	0.00	0.00	0.00
0	0	o i		5,337.49	4,776.53	4,775.69	90.68			
0	0	o		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0 [5,337.49	4,776.53	4,775.69	90.68			

Well Name		Target Dire	ection	Slot	N/S	E/W	Hole Size	Calculation	on by	Date
Stagecoacl	h 2925 1	1.22		Coordinate						2/26/13
Job Numbe	ə <i>r</i>	Type of Su	rvey	Tie-in Point				Directiona	al Co.	
0										
Meaured	Hole	Hole	Course	True Vertical	Vertical	Total	Coordinate	Dogleg	Build Up	Walk/
Depth	Angle	Direction	Length	Depth	Section	N+/S-	E+/W-	Severity	°/100 ft	°/100 ft
0	0	0	0	0.00	0.00			<<	TIE-IN PC	INT >>
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53					
0	0	0		5,337.49	4,776.53	4,775.69				
0	0	0		5,337.49	4,776.53					
O	0	0		5,337.49	4,776.53					
O	0	0		5,337.49	4,776.53	4,775.69				
O	0	0		5,337.49	4,776.53	4,775.69	90.68			
O	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
0	0	0		5,337.49	4,776.53	4,775.69	90.68			
								V 181 V 2		
										li .



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P.O. BOX 3660 HOUMA, LA 70361-3660

Customer: SAN400

BILL TO:

SANDRIDGE ENERGY 123 ROBERT S KERR AVENUE OKLAHOMA CITY, OK 73102-6406 PHONE: (405) 753-5500 FAX: ()

Division : Delivery Ticket : Delivery Date : Office :

0701 3146 11/20/2012 12/1/1901

Ordered By:
Lease/Well: STAGECOACH 2925 1-14H
Rig Name/Number: LARIAT 3
AFE Number:
Site Contact:

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	STAGECOACH 2925 1-14H	\$24,570.00	\$0.00	\$24,570.00	11/14/2012 11/14/2012	\$24,570.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	4
75	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
16	CEMENT	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	8' HAY FEEDER	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
1	PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE	\$0.00	\$0.00	\$0.00	11/14/2012 11/14/2012	
	Sub Total:	\$24,570.00	\$0.00			\$24,570.00

Print Name Signature

11/20/2012 12:34:13 PM

Cementing Job Summary

The Road to Excellence Starts with Safety Sales Order #: 900056064 Ship To #: UNKNOWN Quote #: **Sold To #**: 305021 Customer Rep: Hill, Richard Customer: SANDRIDGE ENERGY INC EBUSINESS API/UWI #: 15-057-20857 Well Name: Stagecoach 2925 Well #: 1-14H City (SAP): UNKNOWN County/Parish: Ford State: Kansas Legal Description: Section 14 Township 29S Range 25W Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Srvc Supervisor: WADE, STEPHEN MBU ID Emp #: 490458 Sales Person: NGUYEN, VINH Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# **HES Emp Name** 531492 442596 WADE, STEPHEN 7.5 490458 GARCIA, ADAM Joe 7.5 MENDOZA, VICTOR 7.5 Bruce 491916 WIFA. HENRY 7.5 Neniebari Equipment Distance-1 way HES Unit# Distance-1 way HES Unit# Distance-1 way HES Unit# Distance-1 way HES Unit # 10244148 85 mile 10741245 85 mile 10866807 85 mile 10924982 85 mile 85 mile 11804860 85 mile 12064455 11138994 85 mile 11149169 85 mile Job Hours On Location Operating Date On Location Operating Date On Location Operating Date Hours Hours Hours Hours Hours Hours 12/6/2012 7.5 3 TOTAL Total is the sum of each column separately Job Job Times **Formation Name** Date Time Time Zone Bottom Called Out 06 - Dec - 2012 02:00 CST Formation Depth (MD) Top 06 - Dec - 2012 08:00 CST Form Type BHST On Location CST Job Depth TVD 06 - Dec - 2012 13:01 1188. ft 1183. ft Job Started Job depth MD Wk Ht Above Floor 06 - Dec - 2012 14:04 CST Water Depth 4. ft Job Completed 06 - Dec - 2012 15:30 CST Perforation Depth (MD) From Departed Loc To Well Data Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** MD TVD TVD Used pressure lbm/ft ft in in ft ft ft psig 12.25" Open Hole 12.25 850. 12.25" Open 850. 1150. 12.25 Hole-Lower 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 1150. Casing n **Tools and Accessories** Make Depth Type Qty Make Depth Type Size Qty Type Size Qty Make Size **Guide Shoe** Packer Top Plug **Bottom Plug** Bridge Plug Float Shoe SSR plug set Float Collar Retainer Plug Container Insert Float Centralizers Stage Tool Miscellaneous Materials Surfactant Conc Acid Type Qty Conc % Gelling Agt Conc Inhibitor Conc Sand Type Size Qty Treatment Fld Conc

		Flui	d Data				
Sta	age/Plug #: 1						
Fluid #	Stage Type	Fluid Name	,	. ,	ixing Yield ensity ft3/sk	Mix Fluid Gal/sk	 Total Mix Fluid Gal/sk
				lbr	n/gal	30.480 (2006) 100°C40	

Summit Version: 7.3.0045

Cementing Job Summary

1	Fresh W	ater					10.00	bbl	8.33	.0	.0	.0			
2	Lead Cei	ment	EXTENDACEM (TM) SYSTEM (452981)			52981)	255.0	sacks	12.4	2.11	11.57		11.57		
	3 %		CAL	CIUM CHLORIDE	, PELLET, S	50 LB (1	01509387)							
	0.25 lbm	ĺ	POL	Y-E-FLAKE (1012	216940)										
	11.571 G	al	FRE	SH WATER											
3	Tail Cem	ent	SWIFTCEM (TM) SYSTEM (452990)				175.0	sacks	15.6	1.2	5.32		5.32		
	2 %		CAL	CIUM CHLORIDE	, PELLET, 5	50 LB (1	01509387)							
	0.125 lbn	n	POL	Y-E-FLAKE (1012	(16940)			*							
	5.319 Ga	ıl	FRE	SH WATER											
4	Displace	ment					86.00	bbl	8.33	.0	.0	.0			
(Calculated	Values	-	Pressur	es	Volumes									
Displ	acement	88.1		Shut In: Instant		Lost Re	eturns	turns 0 Cement Slurry			133	Pad			
Гор (Of Cement	SURFA	CE	5 Min		Cemen	t Returns	30	Actual Displacement		t 88	Treatn	nent		
rac	Gradient			15 Min		Spacer	cers Load and Breakdown Total Job						lob		
						R	ates								
Circ	Circulating 5 Mixing 5				Displacement 7 Avg. Job						5				
Ce	ment Left Ir	n Pipe	Amo	ount 47.27 ft Rea	son Shoe	Joint									
Frac	Ring #1@	2	ID	Frac ring # 2	@ 1	D	Frac Rin	g # 3 @		D Fr	ac Ring	#4@	ID		
T	he Inforn	nation	Stat	ted Herein Is C	Correct	Custom	ner Represe	entative S	Signature			•			

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Sales Order #: 900074096 Ship To #: UNKNOWN Quote #: Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: Well Name: Stagecoach 2925 Well #: 1-14H API/UWI #: 15-057-20857 City (SAP): UNKNOWN County/Parish: Ford State: Kansas Field: Legal Description: Section 14 Township 29S Range 25W Job Purpose: Cement Intermediate Casing Well Type: Development Well Job Type: Cement Intermediate Casing Sales Person: NGUYEN, VINH Srvc Supervisor: AGUILERA, FABIAN MBU ID Emp #: 442123 Job Personnel **HES Emp Name** Exp Hrs **HES Emp Name HES Emp Name** Exp Hrs Emp# Emp# Exp Hrs Emp# AGUILERA, FABIAN HEIDT, JAMES 13 442123 GARCIA, ADAM Joe 13 531492 13 517102 Nicholas Equipment HES Unit # Distance-1 way HES Unit# Distance-1 way HES Unit # Distance-1 way HES Unit # Distance-1 way Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 12/13/2012 12/14/2012 1.5 2 11 TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone 13 - Dec - 2012 Formation Depth (MD) Top Bottom Called Out 17:00 CST 13 - Dec - 2012 Form Type BHST On Location 21:00 CST Job depth MD 5832.8 ft Job Depth TVD 5832.8 ft 14 - Dec - 2012 09:09 CST Job Started Water Depth Wk Ht Above Floor 5. ft Job Completed 14 - Dec - 2012 10:21 CST Perforation Depth (MD) From 14 - Dec - 2012 12:00 CST Departed Loc To Well Data Description New / Max ID Weight Thread Grade Top MD Bottom **Bottom** Size Top Used pressure in lbm/ft MD TVD TVD in ft psig ft ft ft 8.75" Open Hole 5824. 8.75 1150. 7" Intermediate Unknow LTC P-110 7. 6.276 26. 5824. Casing n 9.625" Surface Unknow 9.625 8.921 36. LTC J-55 1150. Casing n Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier PLUG, CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS EΑ 1 **Tools and Accessories** Type Size Qty Make Depth Type Size Qty Make Depth Type Size Make Qty Guide Shoe Packer Top Plug Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Miscellaneous Materials **Gelling Agt** Conc Surfactant Conc Acid Type Qty Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty Fluid Data

Summit Version: 7.3.0045

Stage/Plug #: 1

Cementing Job Summary

Fluid	Stage	Туре		Fluid	Name		Qty	Qty	Mixing		Mix Fluid		Total Mix
#				,				uom	Density Ibm/gal	ft3/sk	Gal/sk	bbl/min	Fluid Gal/sk
1	Rig Sup Gel Spac					30.00	bbl	8.33	.0	.0	.0		
2	Lead Co	ement	ECO	ECONOCEM (TM) SYSTEM (4529			200.0	sacks	13.6	1.53	7.24		7.24
	0.4 %		HALA	D(R)-9, 50 LB (100001617)						50 000 000 000 000 000 000 000 000 000		
	2 lbm		KOL-	SEAL, 50 LB BA	G (1000642	32)							
	2 %		BENT	ONITE, BULK (100003682)								
	7.24 Ga	al	FRES	SH WATER									
3	Tail Cer	nent	HALC	HALCEM (TM) SYSTEM (452986)			100.0	sacks	15.6	1.19	5.08		5.08
	0.4 %		HALA	D(R)-9, 50 LB (100001617)								
	2 lbm		KOL-	SEAL, 50 LB BA	32)						1		
	5.076 G	al	FRES	SH WATER									
4	Displac	ement					219.00	bbl	8.33	.0	.0	.0	
Ca	alculated	Values	3	Pressu	res				V	olumes		Salaria	
Displa	cement	219 E	BL S	hut In: Instant		Lost R	eturns	0	Cement S	STREET, STREET	75 BB	L Pad	
Top Of	f Cement	3145.83	2 FT. 5	Min		Cemer	nt Returns		Actual Displacement				ent
Frac G	radient		1.	5 Min		Spacei	rs		Load and Breakdown			Total J	
			- 105			F	Rates					N. F. C.	
Circu	Circulating 5 Mixing 6						Displacement 6 Avg. Job				5		
Cem	ent Left I	n Pipe	Amou	int 42 ft Re	ason Shoe	Joint							
Frac F	Ring # 1 (@	ID	Frac ring # 2	2 @ 1	D	Frac Rin	g # 3 @	ID	Fr	ac Ring	# 4 @	ID
Th	ne Infor	mation	State	d Herein Is	Correct	Custor	mer Represe	entative S	Signature	'			,

Summit Version:

7.3.0045

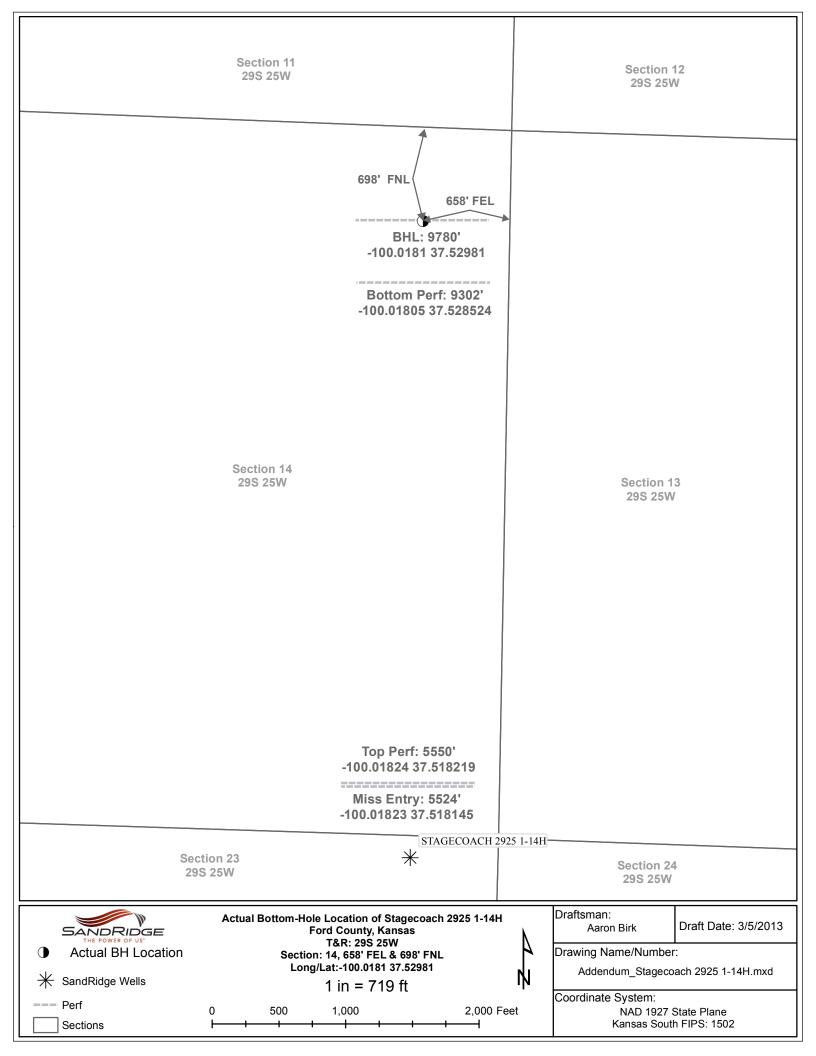
Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305021 Ship To #: 2966933 Quote #: Sales Order #: 900096430 Customer: SANDRIDGE ENERGY INC EBUSINESS Customer Rep: ., RONNIE Well Name: Stagecoach 2925 Well #: 1-14H API/UWI #: 15-057-20857 Field: City (SAP): BLOOM County/Parish: Ford State: Kansas Legal Description: Section 14 Township 29S Range 25W Contractor: LARIAT Rig/Platform Name/Num: Lariat 3 Job Purpose: Cement Production Liner Well Type: Development Well Job Type: Cement Production Liner Sales Person: NGUYEN, VINH Srvc Supervisor: VILLARREAL, MBU ID Emp #: 106127 ARTURO Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Emp# **HES Emp Name** Exp Hrs Exp Hrs Emp# ADAMS, JAMES 16 535153 DALRYMPLE, BRIAN 16 456242 ORNELAS, KARIM 16 506950 Cody Kieth STONESTREET, 16 511911 VILLARREAL, 16 106127 DANNY **ARTURO** Equipment HES Unit # Distance-1 way HES Unit # Distance-1 way HES Unit # Distance-1 way HES Unit# Distance-1 way 11027051 85 mile 11515116 85 mile 11515195 85 mile 11689692 85 mile 11700017 85 mile 11706673 85 mile 11715921 85 mile Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 12-23-12 10 12-24-12 3 TOTAL Total is the sum of each column separately Job **Job Times Formation Name** Date Time Time Zone Formation Depth (MD) Top Bottom Called Out 23 - Dec - 2012 09:45 CST Form Type BHST On Location 23 - Dec - 2012 14:00 CST Job depth MD 9826. ft Job Depth TVD 9826. ft Job Started 23 - Dec - 2012 00:00 CST Water Depth Wk Ht Above Floor 20. ft Job Completed 23 - Dec - 2012 02:00 CST Perforation Depth (MD) From To Departed Loc 23 - Dec - 2012 00:00 CST Well Data Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft ft MD TVD TVD psig ft ft ft 6.125" Open Hole 6 125 5824. 9786. 4.5" Production Unknow 11.6 LTC 4.5 4. P-110 5420. 9786. Liner n 7" Intermediate Unknow 7. 6.276 26 LTC P-110 5824. Casing n 4" Drill Pipe Unknow 4. 3.34 14. Unknown 5420. n **Tools and Accessories** Type Size Qty Make Depth Size Qtv Make Depth Type Size Type Qtv Make Guide Shoe Packer Top Plug Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Miscellaneous Materials Gelling Agt Conc Surfactant Conc Acid Type Qtv Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty Fluid Data

Monday, December 24, 2012 04:15:00

Cementing Job Summary

Fluid #	Stage T	уре	Fluid Name					Qty	Qty uom	Mixing Density Ibm/gal	CO-85 -000 (100) - 30		x Fluid al/sk	Rate bbl/min	Total Fluid G	
1	Rig Supp Gel Spacer						3	30.00	bbl	8.3	.0		.0	.0		
2	Primary C	ement	ECONOCEM (TM) SYSTEM (4529			2992	2) 5	500.0	sacks	13.6	1.53		7.24		7.2	4
	0.4 %		HALAD	(R)-9, 50 LB (1	00001617)		·									
	2 lbm		KOL-SI	EAL, BULK (10	0064233)											
	2 %		BENTO	NITE, BULK (1	00003682)											
	7.24 Gal			IWATER												
3	Displacen	nent					1	15.00	bbl	8.33	.0	T	.0	.0		
C	alculated \	/alues		Pressur	es	164		15.00			Volume	3	La dilate			No.
Displa	cement	116	Sh	ut In: Instant		Lost Returns		no	Cement Slurry			136 Pad				
Тор О	f Cement	423	5 N	lin		Ce	ment R	eturns		Actual Displacement			116 Treatm		ent	
Frac G	radient		15	Min		Spa	acers		30	·						
							Rate	es			19.00				Sec. 11.	
Circu	Circulating Mixing 5			5					5 A			Avg. Job				
Cem	ent Left In	Pipe	Amour		son Shoe	e Joi							. 3			
Frac	Ring # 1 @		ID	Frac ring # 2	@	ID	Fr	ac Rin	g # 3 @		D	Frac	Ring	# 4 @	ID	
Tł	ne Inform	ation	Stated	l Herein Is (Cı			entative S					<u> </u>		-



Hydraulic Fracturing Fluid Product Component Information Disclosure

3	1/26/2013	Fracture Date
3	KS	State:
1	Ford	County:
7	15-057-20857	API Number:
SandRidge Exlp. & Prod., LLC		Operator Name:
Stagecoach 2925 1-14H		Well Name and Number:
3	-100.0166	Longitude:
	37.5177	Latitude:
7	NAD27	Long/Lat Projection:
Ī	Oil	Production Type:
<u>'</u>	5,337	True Vertical Depth (TVD):
3	1,789,858	Total Water Volume (gal)*:

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
HCL 15, Slickwater	Schlumberge r	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Biocide, Surfactant, Acid, Diverting Agent, Iron Control Agent, Propping Agent	Water (Including Mix Water Supplied by Client)*	-		94.77281%	
			Crystalline silica	14808-60-7	91.25953%	4.77031%	
			Hydrochloric acid	7647-01-0	7.55365%	0.39484%	
			Methanol	67-56-1	0.41231%	0.02155%	
			Distillates (petroleum), hydrotreated light	64742-47-8	0.37325%	0.01951%	
			Alcohol, C9-C11, Ethoxylated	68439-46-3	0.28056%	0.01467%	
			Alcohol, C11 linear, ethoxylated	34398-01-1	0.28056%	0.01467%	
			Glutaraldehyde	111-30-8	0.05646%	0.00295%	
			Sodium erythorbate	6381-77-7	0.05340%	0.00279%	
			Ethane-1,2-diol	107-21-1	0.03111%	0.00163%	
			Trisodium ortho phosphate	7601-54-9	0.03111%	0.00163%	
			Aliphatic acids	Proprietary	0.02826%	0.00148%	
			Aliphatic alcohols, ethoxylated #2	Proprietary	0.02826%	0.00148%	
			Aliphatic alcohol glycol ether	Proprietary	0.01866%	0.00098%	
			Alkyl(c12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.01008%	0.00053%	
			Prop-2-yn-1-ol	107-19-7	0.00942%	0.00049%	
			Ethanol	64-17-5	0.00121%	0.00006%	
			Organic polymer	Proprietary	0.00059%	0.00003%	
			Aliphatic ester	Proprietary	0.00006%	< 0.00001%	
			2-propenamid	79-06-1	< 0.00001%	< 0.00001%	

^{*} Total Water Volume sources may include fresh water, produced water, and/or recycled water

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

^{**} Information is based on the maximum potential for concentration and thus the total may be over 100%

Remarks

Tiffany Golay 02/27/013 09:33 am	Conductor weight= 94 lbs/ft
Tiffany Golay 02/18/013 01:12 pm	TVD= 5,337'