Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1096345

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used?
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of huid disposa in natied offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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 III Approved by: Date:

	Page Two	1096345
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken Yes No Log			.og Formatio	n (Top), Depth an	d Datum	Sample	
Samples Sent to Geolog	·	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-	RECORD Ne		on, 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
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
	0	Iraulic fracturing treatment ex	ceed 350,000 gallons	? Yes		, question 3)	-
Was the hydraulic fracturing	g treatment informatio	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						ement Squeeze Record	Depth		
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F		No	
Date of First, Resumed	l Product	ion, SWD or ENH	۲.	Producing I		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSIT		248.			METHOD	OF COMPLE			PRODUCTION INT	
Vented Sole	d 🗌	Used on Lease		Open Hole	Perf.	UP COMPLE Dually (Submit)	Comp.	Commingled (Submit ACO-4)		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify)					

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Crosby 3318 1-26H
Doc ID	1096345

All Electric Logs Run

Final Boresight Depiction
5inMD Horiz
CML Impulse Shuttle Compact Photo Density Compensated Neutron
CML Impulse Shuttle Array Induction

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Crosby 3318 1-26H
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Tops

Name	Тор	Datum
Base Heebner Shale Marker	4322	
Lansing Ls/Shale Group	4505	
Big Lime	5056	
Oswego Ls Group	5074	
Cherokee Shale Marker	5137	
Miss Unconformity 1	5217	
Miss Unconformity 2	5230	
Mississippi 'Bedded'	5239	
Mississippi 'Solid'	5248	

Form	ACO1 - Well Completion
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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9566-9915	3737 bbls of water, 36 bbls acid, 75M lbs sand, 3773 TLTR	
5	9132-9481	4208 bbls of water, 36 bbls acid, 75M lbs sand, 8186 TLTR	
5	8698-9047	4171 bbls of water, 38 bbls acid, 75M lbs sand, 12523 TLTR	
5	8264-8613	4223 bbls of water, 36 bbls acid, 75M lbs sand, 16878 TLTR	
5	7830-8179	4157 bbls of water, 36 bbls acid, 75M lbs sand, 21157 TLTR	
5	7396-7745	4171 bbls of water, 36 bbls acid, 75M lbs sand, 25441 TLTR	
5	6962-7311	4109 bbls of water, 36 bbls acid, 75M lbs sand, 29649 TLTR	
5	6828-6877	4492 bbls of water, 36 bbls acid, 76M lbs sand, 34224 TLTR	
5	6094-6443	4172 bbls of water, 36 bbls acid, 75M lbs sand, 38468 TLTR	
5	6528-6877	4187 bbls of water, 36 bbls acid, 76M lbs sand, 42714 TLTR	

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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	90	Mid- Continent Conducgt or, LLC Grout	10	none
Surface	12.25	9.63	36	875	Halliburton Extendac em and Swiftcem Systems	445	3% Calcium Chloride, .25 lbm Poly-E- Flake
Intermedia te	8.75	7	26	5984	Halliburton Econocem and Halcem Systems	280	.4% Halad(R)- 9, 2 lbm Kol-Seal, 2% Bentonite
Liner	6.12	4.5	11.6	9999	Halliburton Econocem System	475	.4% halad (R)-9, 2 Ibm 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/

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

October 08, 2012

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

Re: ACO1 API 15-033-21670-01-00 Crosby 3318 1-26H SW/4 Sec.26-33S-18W Comanche County, Kansas

Dear Production Department:

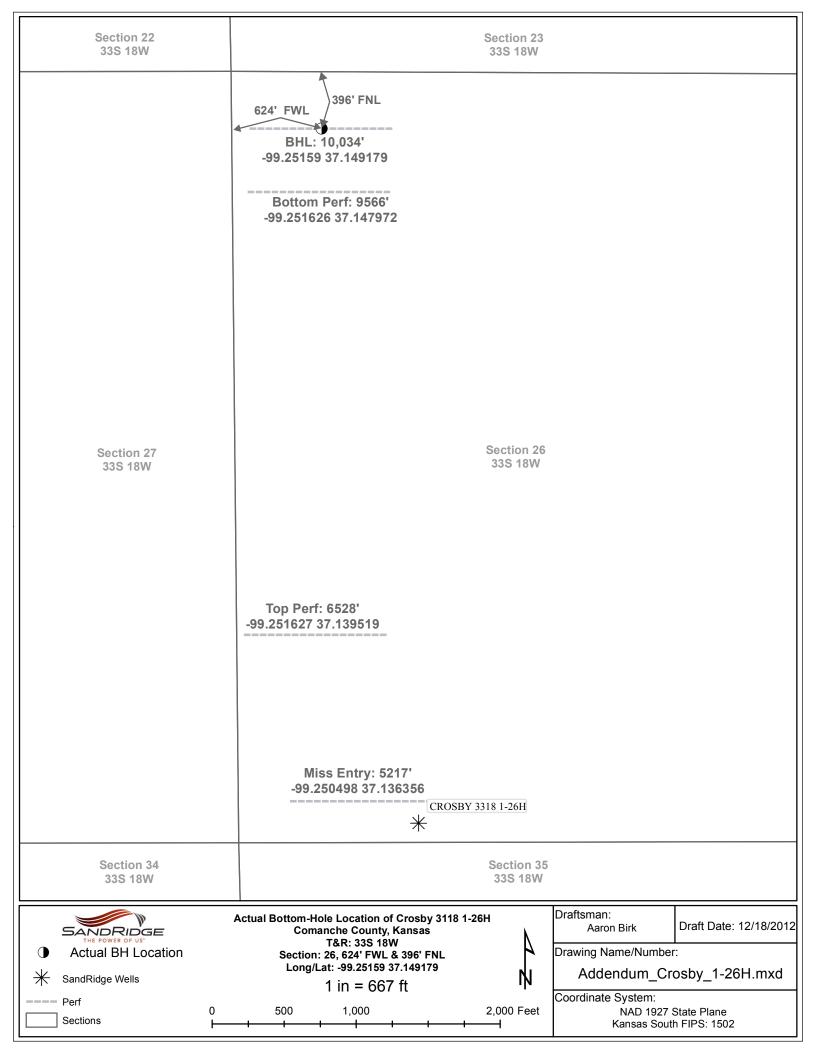
We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

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

Respectfully, Tiffany Golay

Directional Survey	Measured Depth	Sub-Sea Incl.	Vertical Azim.	True Vert Depth	Northings (+) Southings (-)	Eastings (+) Westings (-)	Vert Section	DLS deg/100'	ENIL 1	501	E 144	
Calculations SHL	(ft) 0	(deg) 0.00	(ft) 0.00	(ft) 0.00	(ft) 0.00	(ft) 0.00	(ft) 0.00	(deg) 0.00	FNL 5156	FSL 200	FWL 1251	FEL 4022
BHL	10034	88.30	2.20	5314.51	4823.49	-674.00	4870.30	0.00	330	5024	637	4628
Miss Entry	5634	70.49	337.54	5248.78	444.41	-625.22	524.04	7.69	4710	645	631	4641
Top Perf Bottom Perf	5660 9915	71.20 88.61	339.63 2.01	5257.31	467.27 4704.64	-634.20 -678.80	547.88 4753.16	8.24 0.85	4687 449	668 4905	622 631	4650 4634
Bollom Pen	9910	00.01	2.01	5312.01	4704.04	-070.00	4755.10	0.65	449	4905	031	4034
Survey Points	SW Corne NE Corne	r XY Coord r XY Coord r XY Coord r XY Coord r XY Coord	X 1780403 1780470 1785667 1785743	Y 176893 171540 176908 171545		Surface XY	X 1781718	Y 171741	East South	Line slope Line slope	m 0.00284954 -0.0141712 0.00094823 -0.0125163	
	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	0 249	0.0 0.90	0 0.15	0 248.99	0 1.96	0 0.01	0 1.94	0 0.36	5156 5154	200 202	1251 1251	4022 4022
	497	0.50	0.13	496.97	4.99	0.01	4.94	0.16	5151	205	1251	4022
	745	0.30	0.14	744.96	6.72	0.02	6.65	0.08	5149	207	1251	4022
	873	0.70	0.15	872.96	7.83	0.02	7.76	0.31	5148 5147	208 209	1251 1251	4022 4022
	1029 1487	0.00 0.20	260.80 48.40	1028.96 1486.95	8.79 9.32	0.02 0.62	8.70 9.15	0.45 0.04	5147	209	1251	4022
	1964	0.40	103.30	1963.95	9.49	2.86	9.02	0.07	5146	209	1253	4019
	2441	0.40	162.90	2440.94	7.51	4.97	6.78	0.08	5148	207	1256	4017
	2916 3394	0.50 0.00	109.80 336.70	2915.93 3393.92	5.23 4.52	7.41 9.37	4.19 3.23	0.09 0.10	5151 5151	205 204	1258 1260	4015 4013
	3394	0.00	56.40	3869.92	4.98	10.07	3.59	0.10	5151	204	1200	4013
	4061	0.40	214.60	4060.92	4.61	9.96	3.24	0.31	5151	204	1261	4012
	4156	0.40	205.90	4155.92	4.04	9.63	2.72	0.06	5152	204	1260	4013
	4219 4251	0.20 0.20	181.10 240.90	4218.91 4250.91	3.74 3.65	9.53 9.48	2.43 2.35	0.37 0.62	5152 5152	204 203	1260 1260	4013 4013
	4283	1.90	312.40	4282.91	3.98	9.04	2.74	5.77	5152	204	1260	4013
	4315	3.70	329.70	4314.87	5.23	8.13	4.10	6.15	5151	205	1259	4014
	4346 4378	5.40 7.40	324.70 317.30	4345.77 4377.57	7.29 10.03	6.78 4.51	6.31 9.34	5.63 6.75	5148 5146	207 210	1257 1255	4015 4018
	4410	9.10	312.90	4409.24	13.27	1.26	12.98	5.66	5140	213	1253	4021
	4442	10.90	306.40	4440.75	16.79	-3.03	17.04	6.63	5139	217	1248	4025
	4474 4505	12.50 14.80	298.50 288.40	4472.09	20.23	-8.51	21.19	7.06	5135	220 223	1242 1236	4030 4037
	4505	16.80	288.40	4502.21 4533.01	23.09 25.23	-15.21 -23.64	24.91 28.17	10.66 9.04	5133 5130	225	1230	4037
	4569	18.50	277.90	4563.50	26.79	-33.21	30.99	5.94	5129	227	1218	4055
	4601	19.90	275.40	4593.72	28.00	-43.66	33.59	5.07	5128	228	1207	4065
	4632 4664	21.90 24.50	271.00 270.10	4622.68 4652.09	28.60 28.72	-54.70 -67.30	35.66 37.46	8.20 8.20	5127 5127	228 229	1196 1184	4077 4089
	4696	26.20	272.30	4681.01	29.01	-81.00	39.58	6.07	5127	229	1170	4103
	4728	28.00	273.80	4709.50	29.79	-95.55	42.30	6.02	5126	230	1155	4117
	4759 4791	30.80 33.60	275.50 276.30	4736.50 4763.58	31.03 32.79	-110.72 -127.67	45.56 49.57	9.42 8.85	5124 5123	231 233	1140 1123	4132 4149
	4823	35.80	278.30	4789.88	35.12	-145.74	54.29	7.74	5120	235	1105	4167
	4855	37.40	282.50	4815.58	38.57	-164.49	60.22	9.28	5117	239	1087	4186
	4887 4918	39.10 40.40	287.10 291.00	4840.71 4864.55	43.64 50.12	-183.63 -202.36	67.81 76.73	10.36 9.07	5112 5105	244 250	1067 1049	4205 4224
	4950	42.60	295.20	4888.52	58.45	-221.84	87.59	11.08	5097	258	1029	4243
	4982	46.00	296.60	4911.42	68.22	-241.94	99.96	11.06	5087	268	1009	4263
Top of Tangent	5013	49.60	297.70	4932.24	78.70	-262.37	113.08	11.91	5076	279	989	4283
@ 5030'	5045 5077	51.30 51.60	298.20 298.10	4952.61 4972.56	90.26 102.07	-284.16 -306.23	127.46 142.11	5.45 0.97	5065 5053	290 302	967 946	4305 4327
	5109	51.70	298.10	4992.41	113.89	-328.36	156.78	0.31	5041	314	924	4349
	5141	52.00	299.40	5012.18	126.00	-350.43	171.73	3.33	5029	326	902	4371
Btm of Tangent @ 5204'	5172 5204	52.40 53.40	300.80 302.80	5031.18 5050.48	138.28 151.73	-371.62 -393.30	186.74 202.97	3.79 5.88	5016 5003	338 352	881 859	4392 4413
0	5236	54.70	304.90	5069.27	166.16	-414.81	220.15	6.69	4988	366	838	4435
	5267	55.90	308.00	5086.92	181.30	-435.31	237.89	9.09	4973	382	817	4455
	5299 5331	56.50 58.00	310.60 313.80	5104.72 5122.04	198.15 216.22	-455.88 -475.81	257.33 277.92	7.01 9.63	4956 4938	398 416	797 777	4475 4495
	5363	60.10	317.20	5138.50	235.80	-495.03	299.89	11.23	4919	436	758	4514
	5394	62.30	319.80	5153.43	256.15	-513.02	322.46	10.22	4898	456	741	4532
	5426 5458	64.00 65.20	322.60 325.00	5167.89 5181.62	278.40 301.72	-530.91 -547.98	346.90 372.30	9.44 7.74	4876 4852	479 502	723 706	4549 4566
	5490	65.50	327.40	5194.96	325.89	-564.15	398.41	6.88	4828	526	690	4582
	5521	66.10	330.00	5207.67	350.05	-578.84	424.31	7.89	4804	550	676	4596
	5553	67.80	332.40	5220.20	375.85	-593.02	451.78	8.71	4778	576	662	4610
	5585 5617	69.20 70.00	334.10 336.00	5231.93 5243.09	402.43 429.63	-606.42 -619.07	479.92 508.56	6.60 6.10	4752 4724	603 630	649 637	4623 4635
	5648	70.90	338.80	5253.46	456.59	-630.29	536.78	8.99	4697	657	626	4646
	5680	71.70	341.00	5263.72	485.06	-640.70	566.38	6.98	4669	685	616	4656
	5712 5744	73.30 76.00	342.90 344.20	5273.35 5281.82	514.07 543.66	-650.16 -658.89	596.40 626.90	7.55 9.30	4640 4610	715 744	607 598	4665 4673
	5775	78.60	345.20	5288.63	572.83	-666.87	656.87	8.96	4581	773	591	4681
	5807	79.70	347.10	5294.66	603.34	-674.39	688.11	6.77	4550	804	584	4688
	5839 5871	80.60 81.80	348.70 350.10	5300.13 5305.03	634.17 665.25	-681.00 -686.82	719.55 751.13	5.67 5.72	4520 4489	835 866	577 572	4694 4700
	5902	81.80	350.10	5305.03	695.60	-686.82	751.13	5.72	4489 4458	866	572	4700
	5934	86.50	353.10	5311.51	727.18	-696.22	813.76	9.99	4427	928	563	4708
	5966	87.80	355.00	5313.10	758.97	-699.53	845.70	7.19	4395	959	560	4711
	6022 6052	88.70 88.80	354.90 355.10	5314.81 5315.46	814.72 844.60	-704.46 -707.08	901.62 931.58	1.62 0.75	4339 4309	1015 1045	556 554	4715 4717
	6083	89.20	356.20	5316.00	875.51	-709.43	962.52	3.78	4278	1076	552	4719

Measured Depth	Sub-Sea Incl.	Vertical Azim.	True Vert Depth	Northings (+) Southings (-)	Eastings (+) Westings (-)	Vert Section	DLS deg/100'				
(ft)	(deg)	(ft)	(ft)	(ft)	(ft) -711.05	(ft)	(deg)	FNL	FSL 1107	FWL 551	FEL 4720
6114 6144	89.60 90.00	357.80 358.50	5316.33 5316.43	906.46 936.45	-711.05	993.41 1023.26	5.32 2.69	4247 4217	1137	550	4720
6175	90.00	357.80	5316.43	967.43	-713.02	1054.10	2.26	4186	1168	550	4722
6206	89.90	359.40	5316.46	998.42	-713.78	1084.91	5.17	4155	1199	549	4722
6237 6267	89.60	0.10 359.50	5316.60 5316.75	1029.42 1059.42	-713.91 -714.02	1115.65 1145.39	2.46 2.11	4124 4094	1230 1260	549 550	4722 4721
6298	89.80 90.00	359.50	5316.81	1039.42	-714.02	1145.39	0.65	4054	1200	550	4721
6329	90.60	359.60	5316.64	1121.42	-714.53	1206.90	1.96	4032	1322	550	4721
6360	91.20	0.30	5316.16	1152.41	-714.56	1237.62	2.97	4001	1353	550	4720
6391	91.50	0.50	5315.43	1183.40	-714.34	1268.31	1.16	3970	1384	551	4720 4719
6421 6452	91.70 91.70	0.60 0.80	5314.59 5313.67	1213.39 1244.37	-714.05 -713.67	1297.99 1328.64	0.75 0.64	3940 3909	1414 1445	552 552	4719
6483	91.80	0.60	5312.72	1275.36	-713.29	1359.29	0.72	3878	1476	553	4717
6514	92.10	0.20	5311.67	1306.34	-713.08	1389.97	1.61	3847	1507	554	4717
6544	92.40	0.30	5310.49	1336.31	-712.95	1419.66	1.05	3817	1537	554	4716
6575 6605	91.20 90.60	0.20 0.60	5309.52 5309.05	1367.30 1397.29	-712.81 -712.60	1450.35 1480.04	3.88 2.40	3786 3756	1568 1598	555 555	4716 4715
6636	90.90	1.00	5308.64	1428.29	-712.17	1510.70	1.61	3725	1629	556	4714
6667	91.20	1.20	5308.07	1459.28	-711.58	1541.33	1.16	3694	1660	557	4713
6698	90.10	1.70	5307.72	1490.26	-710.79	1571.94	3.90	3663	1691	558	4712
6730 6762	90.30 90.50	2.40 2.00	5307.61 5307.38	1522.24 1554.22	-709.65 -708.42	1603.48 1635.00	2.28 1.40	3631 3600	1723 1755	560 562	4710 4709
6794	89.50	2.00	5307.38	1586.19	-707.16	1666.52	3.49	3568	1787	563	4707
6826	87.90	3.90	5308.11	1618.13	-705.38	1697.93	6.64	3536	1819	565	4705
6858	87.70	3.80	5309.34	1650.04	-703.23	1729.26	0.70	3504	1851	568	4702
6890	89.50	3.70	5310.12	1681.96	-701.14	1760.62	5.63	3472	1882	570	4700
6922 6954	91.00 91.20	5.20 5.30	5309.98 5309.37	1713.86 1745.72	-698.65 -695.73	1791.90 1823.08	6.63 0.70	3440 3408	1914 1946	573 577	4697 4693
6985	91.00	4.60	5308.77	1776.60	-693.05	1853.33	2.35	3377	1940	580	4690
7017	91.30	4.60	5308.13	1808.49	-690.49	1884.59	0.94	3345	2009	583	4687
7049	89.80	4.10	5307.82	1840.39	-688.06	1915.88	4.94	3313	2041	585	4684
7081	89.40	4.10	5308.05	1872.31	-685.77	1947.21	1.25	3281	2073	588	4681
7113 7145	89.60 90.10	4.10 4.50	5308.32 5308.41	1904.23 1936.14	-683.48 -681.08	1978.53 2009.83	0.62 2.00	3250 3218	2105 2137	591 594	4679 4676
7177	90.70	4.30	5308.19	1968.04	-678.63	2041.12	1.98	3186	2169	597	4673
7209	90.50	3.40	5307.85	1999.97	-676.48	2072.47	2.88	3154	2200	599	4670
7241	90.20	3.20	5307.65	2031.92	-674.64	2103.89	1.13	3122	2232	601	4668
7273 7304	90.80 91.40	3.90 3.70	5307.38 5306.78	2063.85 2094.78	-672.66 -670.60	2135.27 2165.65	2.88 2.04	3090 3059	2264 2295	604 606	4666 4663
7336	91.50	2.10	5305.97	2126.73	-668.99	2105.05	5.01	3027	2327	608	4661
7368	92.00	1.40	5304.99	2158.70	-668.01	2228.64	2.69	2995	2359	610	4660
7400	92.20	0.80	5303.82	2190.67	-667.39	2260.25	1.98	2963	2391	611	4659
7432	91.60	1.10	5302.76	2222.65	-666.86	2291.86	2.10	2931	2423	611	4658
7464 7496	91.30 90.60	1.20 1.10	5301.95 5301.42	2254.63 2286.62	-666.22 -665.58	2323.47 2355.09	0.99 2.21	2899 2867	2455 2487	613 614	4656 4655
7528	90.90	0.90	5301.00	2318.61	-665.02	2386.72	1.13	2835	2519	615	4654
7560	90.50	1.10	5300.61	2350.60	-664.46	2418.35	1.40	2803	2551	615	4653
7592	89.20	0.70	5300.69	2382.60	-663.96	2449.99	4.25	2771	2583	616	4652
7655 7719	89.00 89.70	359.20 359.50	5301.68 5302.41	2445.59 2509.58	-664.02 -664.74	2512.42 2575.94	2.40 1.19	2708 2644	2646 2710	617 617	4652 4651
7783	89.20	0.10	5303.02	2573.58	-664.96	2639.39	1.13	2580	2774	618	4651
7847	89.20	1.20	5303.92	2637.57	-664.24	2702.71	1.72	2516	2838	619	4649
7910	89.30	0.80	5304.74	2700.55	-663.14	2764.98	0.65	2453	2901	621	4647
7942 8006	89.30 89.70	0.30 360.00	5305.13 5305.69	2732.55 2796.54	-662.83	2796.64	1.56	2421 2357	2933 2997	622 623	4646 4645
8006	89.70	360.00 0.10	5305.69	2796.54 2860.54	-662.66 -662.61	2860.04 2923.46	0.78 0.16	2357	3061	623	4645
8102	90.00	0.20	5306.11	2892.54	-662.53	2955.16	0.99	2261	3093	624	4644
8166	90.20	359.70	5306.00	2956.54	-662.58	3018.59	0.84	2197	3157	625	4643
8230	89.30	359.80	5306.28	3020.54	-662.86	3082.06	1.41	2133	3221	625	4642
8293 8389	88.90 89.10	359.50 359.60	5307.27 5308.94	3083.53 3179.51	-663.25 -664.00	3144.53 3239.75	0.79 0.23	2070 1974	3284 3380	626 626	4642 4641
8485	89.60	358.80	5310.03	3275.50	-665.34	3335.05	0.23	1878	3476	626	4641
8581	89.80	358.30	5310.53	3371.46	-667.77	3430.48	0.56	1782	3572	625	4642
8677	90.20	357.90	5310.53	3467.41	-670.95	3525.99	0.59	1686	3668	623	4644
8772	90.20	357.40	5310.20	3562.33 3658.23	-674.85	3620.58	0.53	1591	3763	620	4647
8868 8964	90.50 90.40	357.40 357.80	5309.62 5308.86	3658.23	-679.20 -683.22	3716.20 3811.79	0.31 0.43	1496 1400	3859 3955	617 614	4650 4652
9059	89.40	357.90	5309.03	3849.07	-686.79	3906.35	1.06	1305	4050	612	4654
9155	88.70	358.10	5310.62	3945.00	-690.14	4001.86	0.76	1209	4145	610	4656
9211	88.50	357.40	5311.99	4000.94	-692.33	4057.59	1.30	1153	4201	608	4658
9243 9274	89.00 89.80	358.00 359.00	5312.69 5313.01	4032.91 4063.89	-693.62 -694.43	4089.44 4120.26	2.44 4.13	1121 1090	4233 4264	607 607	4659 4659
9274	90.20	0.10	5313.01	4003.89	-694.68	4120.20	3.66	1090	4204	607	4659
9338	90.30	0.90	5312.87	4127.89	-694.40	4183.68	2.52	1026	4328	608	4658
9402	91.30	1.70	5311.98	4191.87	-692.95	4246.89	2.00	962	4392	610	4656
9466	90.90	1.80	5311.53	4255.85	-691.39	4310.08	0.85	898	4456	612	4653
9530 9594	90.10 90.00	1.40 1.60	5310.97 5310.92	4319.82 4383.80	-689.60 -687.92	4373.24 4436.42	1.40 0.35	834 770	4520 4584	615 617	4651 4648
9657	90.80	1.30	5310.92	4303.00	-686.33	4498.62	1.36	707	4647	620	4646
9753	90.00	1.60	5309.81	4542.74	-683.90	4593.40	0.89	611	4743	623	4642
9848	89.10	1.80	5310.55	4637.69	-681.08	4687.12	0.97	516	4838	627	4638
9943 9980	88.40 88.30	2.10 2.20	5312.62 5312.91	4732.62 4769.55	-677.85 -676.07	4780.76 4817.13	0.80 0.38	421 384	4933 4970	632 634	4633 4631
	00.00	2.20	0012.91	4709.00	-070.07	4017.13	0.50	004	4010	034	4001



Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570 Woodward, OK 73802

Phone: (580)254-5400 Fax: (580)254-3242

Bill To

SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

ĺ	Ordered By	Terms	Da	ate of Service	Lease N	ame/Legal Desc.	Drilling Rig
	Carl Miller	Net 45		9/15/2012		26H, Comanche Cnty.,	Lariat 19
	Item	Quantity				Description	
20" P Mous 16" P Cellar 6' X 6 Mud a Mud, Grout Grout Welde	e Hole ipe ' Tinhorn and Water Water, & Trucking & Trucking Pump er & Materials temoval Plate		90 80 1 1 1 1 1 10 1 1 1 1 1	Drilled 90 ft. cor Furnished 90 ft. Drilled 80 ft. mo Furnished 80 ft. Drilled 6x6 cella Furnished and se Furnished mud a Transport mud a Furnished 10 yar Furnished grout Furnished grout Furnished welde Labor & Equip. : Furnished cover Permits	of 20 inch condu use hole. of 16 inch mouse r hole. et 6x6 tinhorn. nd water. nd water to locat rds of grout and t pump. r and materials. for dirt removal.	hole pipe.	
					Subt	otal	\$17,800.00
					Sale	s Tax (0.0%)	\$0.00
						Total	\$17,800.00

 Date
 Invoice #

 9/15/2012
 1485

Cementing Job Summary

				_		e Road t					ith S	Safet	y							
Sold To #:	30502	21		Ship	To #	: 295238	34		Quo	te #:					Sa	ales	Order	· #:	98269	73
Customer:	SAN	DRIDG	E ENE	RGY II	NC E	BUSINE	SS		Cust	tomer	Re	p: M	ills, ⁻	Гim						
Well Name:	Cros	by 331	8			W	ell #:	1-26H						API/	UWI	#:				
Field:			Cit	y (SAI): C	OLDWA-	TER 0	County	Pari	ish: C	oma	anch	е		S	tate:	Kans	as		
Contractor	Lari	at				Rig/Plat														
Job Purpos			Surfac	e Casi		5														
Well Type:					-	Job Typ	e: Ce	ment Si	Irfac	e Cas	sina				7					
Sales Perso				н		Srvc Su							M	BU ID	Em	n #·	4478	16		
Calco I croc		.0012	,			0110 04		Job Per				(OL		0010	E 111	p // .	1110	10		
HES Em	n Nan		Exp Hrs	Emp	#	HES	Empl			p Hrs	E	mp #		HES	Em	o Nar	ne	Fx	p Hrs	Emp #
DALRYMPI			10.5	4562		GALVAN				0.5		7816		IASH, J				_	0.5	524600
Kieth							,							lark						
RAMIREZ,	JORG	EM.	10.5	4984	81															
			a -0 - , , , , , , , , , , , ,					Equip	men	t										
HES Unit #	Dis	tance-	1 wav	HES U	Jnit #	Dista	nce-1			S Unit	#	Dist	ance	-1 way	IF	IES I	Jnit #	E	Distan	ce-1 way
																		1		
								Job H	ours									_		
Date	On	Locatio	on O	peratin	α	Date	0	On Locat			erati	ina	T	Date		On	Locat	ion	O	perating
		Hours		Hours	5	Duto		Hours			loui	-		Duto			Hours			Hours
09-20-2012		10.5		1																
TOTAL		10.5		1					stalic	the		ofoo		lumn s	onor	atoly				
TOTAL	Sile In	. idegala		Job	in the second			//	Jans		umc	Jiea	SH CO	and the part of the local database	and a local de	Time		10.3%		
Formation N	amo			300					PERC			125			ate	1 mile	Tin	20	Tir	ne Zone
	prmation Depth (MD) Top					Botto	m			Calle	4 01	14	_	19 - Se		012	22:			CST
Form Type	cpui (F	BHST	Done				On Lo				20 - Se			06:			CST
Job depth M	D	28	390.4 m			epth TVD		2890.4	1 m	Job S				20 - Se			13:			CST
Water Depth	-					Above F		9.8 r		Job C				20 - Se			14:			CST
Perforation D	Depth	(MD) F	rom			То				Depa				20 - Se			16:			CST
		<u> </u>						Well [Data											
Descriptio	on	New /	Ma	x	Size	ID	Weigl			nread			Gra	de '	Гор I	VID	Botto	m	Тор	Bottom
		Used	press	ure	nm	mm	kg/m								m		MD		TVD	TVD
			MP	a													m		m	m
12.25" Open	Hole					12.25											600.			
12.25" Open Hole- Lower						12.25									600).	900.	<		
9.625" Surfac	9	Unknow		9	625	8.921	36.		1	LTC			J-5	5			900.	+		
Casing		n	*	5	020	0.321	50.			_10			0-0		·		300.			
	North Frank		Carl and			Sa	les/R	ental/3	^d Pa	rtv (H	ES)	No. 19 A			Sec. 1	1948	a star		S. S. S.	
				De	scrip					· · / (· ·	/		Qty	Qty u	om	Dep	th		Supp	lier
PLUG,CMTG,	TOP,	9 5/8,H	NE,8.16										1	EA						
SUGAR - GR			•										100	LB						
	19.25				Dia Asia		Tools	and A	ces	sorie	S	and a	1		1.127.5	ile a	and a second			
Туре	Size	Qty	Make	Dept	1	Туре	Size	and the second se		lake	1	pth		Туре		S	ize	(Qty	Make
Guide Shoe	0.110		mano	Dope		ker	0120	dity		iano	00		Top	Plug		0	120		acy	mane
Float Shoe						dge Plug			-					om Plu	a					
Float Collar						ainer								plug s	-					
Insert Float														Conta						
Stage Tool														ralizer						
	0.000					N	lisce	llaneou	s Ma	ateria	ls			2022			10- 15- P			
Gelling Agt			Co			Surfac				Con				І Туре			Qty			onc %
Treatment Flo	k		Co	nc		Inhibit	or			Con	IC		San	d Type			Siz	e	G	Qty

Fluid Data

Stage/Plug #: 1 Summit Version: 7.3.0040

Thursday, September 20, 2012 14:51:00

Cementing Job Summary

Fluid #	Stage `	Туре			Fluid N	ame		Qty	Qty uom	Mixing Density kg/m3	Yield m3/sk	Mix Fluid m3/ tonne	d Rate m3/min	Total Mix Fluid m3 tonne
1	Fresh Wa	ater						10	bbl	8.33	.0	.0	.0	
2	Lead Cer	nent	EXT	FEND	ACEM (TM)	SYSTEM (4	52981)	285	sacks	12.4	2.12	11.68		11.68
	3 %		CAL	CIUN	I CHLORIDE	, PELLET,	50 LB (1	01509387)					
	0.25 lbm		POI	_Y-E-	FLAKE (1012	16940)								
	11.676 Ga	al	FRE	ESH \	WATER	-								
3	Tail Cem	ent	SW	IFTC	EM (TM) SYS	TEM (4529	90)	160	sacks	15.6	1.2	5.32		5.32
2 % CALCIUM CHLORIDE, PELLET,							50 LB (1	01509387)					
	0.125 lbm	า	POL	Y-E-	FLAKE (1012	16940)								
	5.319 Ga	I	FRE	SH V	VATER									
4	Displace TBC)	ment						74.06	bbl	8.33	.0	.0	.0	
Ca	Iculated	Values		5945 A	Pressur	es	a spece		angle and	V	olumes			
Displa	cement	64.	5	Shut	In: Instant		Lost Re	eturns		Cement S	lurry	141	Pad	
op Of	Cement	SURF	ACE	5 Mir	า		Cemen	t Returns	35	Actual Di	splacem	ent 63	Treatm	ent
rac G	radient			15 M	in		Spacer	S	10	Load and	Breakdo	wn	Total J	ob
							R	lates						
Circulating Mixing 5					5	Displac	ement	5		Avg. J	ob	5		
Cem	ent Left In	n Pipe	Am	ount	42 ft Rea	son Shoe	e Joint							
Frac F	Ring # 1 @	2	ID	1	Frac ring # 2	@	D	Frac Rin	g#3@	10)	Frac Ring	#4@	ID
Th	e Inform	nation	Sta	ted	Herein Is C	Correct	Custon	ner Represe	entative S	Signature				

Cementing Job Summary

						e Road t		celle			vith Sa	afety							
Sold To #:						#: 29523				ote #:	_			S	ales	Order	#: 98	39132	-
Customer:				ERGY	NC E					stome	r Rep	: Mills,							
Well Name	: Cro	sby 33					ell #:						API/				21670		
Field:						OLDWA				rish: (Coma	nche		S	tate:	Kansa	as		
Legal Dese			ction 2	6 Tow	nship		-	_							λ.				
Contractor	r: Lar	iat				Rig/Plat	form	Na	me/Nur	n: 19									
Job Purpo	se: C	ement	t Intern	nediate	Casi	ing													
Well Type:	Deve	lopme	nt Wel			Job Typ	e: Ce	eme	nt Inter	mediat	te Cas	sing							
Sales Pers	on: N	IGUYE	EN, VII	١H		Srvc Su EDUARI	pervi	-					IBU ID	Em	p #: :	37126	33		
								Job	Perso	nnel									
HES Em		ne	Ехр Ні				Emp		ne E	Exp Hrs	s Em	p#	HES	Em	p Nam	ne	Exp H	rs E	Emp #
CARRILLO		lo	9.5	3712	63	LUNA, J	OSE A	٩		9.5	480		IASH, J Clark	IONA	ATHAN	١	9.5	52	24600
								Ec	quipme	nt									
HES Unit #		stance-	1 way	HES			nce-1	wa	y He	S Unit	t# I	Distance	e-1 way	ŀ	IES U	nit #	Dist	ance-	1 way
107442980	100	0 mile		10988	832	100 mi	le		109	98524	1	00 mile		1	11336	99	100 1		
11715799	100) mile																	
								.10	b Hou	rs							I		
Date	On	Locati	on	peratir	al	Date	1		ocatior		oeratir	a I	Date		On	Locati	ion	Oner	ating
		Hours		Hours	9	Duto			lours		Hours	~	Date			Hours			urs
9-26-2012		3.5		1		9-27-201	2		6.5		2				· · ·	Touro		110	
TOTAL									Total	is the s	sum of	each co	lumn se	epar	ately				
	HE REAL	A section		Job	L. Fr			i de la	the sea		States .	5 98 19	5. 82		Time	S	A LEY	Gran N	1.14
ormation N	lame										h			ate		Tim	ne	Time	Zone
Formation D	Depth ((MD) 1	Гор			Botto	m			Calle	ed Out		26 - Se		012	14:0		CS	
orm Type			- ·	1	BHST			Τ			ocatio		26 - Se			21:0		CS	
Job depth N	1D	:	5984. fl		lob D	epth TVD		1	5984. ft		Starte		27 - Se			02:5		CS	
Nater Depth	า			h	Vk Ht	t Above F	loor		5. ft	Job	Comp		27 - Se			04:4		GN	
Perforation	Depth	(MD) F	rom			То					arted L	.oc	27 - Se	p - 2	012	06:1	10	CS	ST.
									/ell Dat	а									
Descripti	on	New / Used	pres	sure	Size in	ID in	Weig Ibm/		1	「hread		Gra	de 1	Гор I ft		Bottor MD	TV	D	otton TVD
8.75" Open I	Hole		ps	ig		8.75								000		ft 5905.	f		ft
7" Intermedia Casing		Unknov n	N		7.	6.276	26.			LTC		P-1	10	900).	5905. 5905.			
9.625" Surfa Casing	се	Unknov n	N	9	.625	8.921	36.			LTC		J-5	55			900.			
	A LAND	II CARLON	The line is	ALT ANY		Sa.	les/P	ent	al/3 rd P	arty (L	IES)	State States	and the second second		AN AND		1. 2. 5.	all and the	
A PARA PARA		and the second second	A REAL	De	scrip		100/11	ont		1119 11		Qty	Qty uc	m	Dept	h	Ç.	pplie	<u>16.786000</u>
LUG,CMTG	,TOP,	7,HWE	,5.66 M			CS	-					1	EA		Dept		50	phile	
T	0:	0	84.1	C. A. M.		and the second second second second	1		d Acce		-		1 4 10						
Type	Size	Qty	wake	Dept		Туре	Size	•	Qty	Make	Dep		Туре		Siz		Qty		Vlake
uide Shoe Ioat Shoe						cker dae Blua							Plug		7		1		Н
loat Shoe						dge Plug tainer							om Plu						
isert Float					Rei	lamer		_					plug se				-		
tage Tool								_					Contai						
tage 1001		1201212	and the second		STATISTICS.	17.1 S. ()	lines	llar		loto-!-	and address	Cen	ralizers	5	and the second	Nego y Cours	Same and	1.18.00.00	a na se a se
elling Agt	and the		0	onc		Surfac		nan	eous M		The second se	14-1	1 T		1.22			10	- 01
reatment Fl	Ч			onc		Inhibit				Cor Cor			d Type			Qty		Con	ic %
sourcent FI	u -					րուսու	01			COL		San	d Type			Size	3	Qty	

Fluid Data

Cementing Job Summary

S	tage/Plu	ıg #: 1	A SPERSE	Mark Asserted	a starter with	Contract.	Charles William	here have		(The sealing	i area			State and
Fluid #	Stag	е Туре		Fluid I	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	1000	tal Mix d Gal/s
1	Rig Su Gel Spa						30.00	bbl	8.33	.0	.0	.0		
2	Lead C	ement	ECON	OCEM (TM) SY	STEM (452	992)	180.0	sacks	13.6	1.54	7.36		1	7.36
	0.4 %)	HALA	D(R)-9, 50 LB (100001617)									
	2 lbm	1	KOL-S	EAL, 50 LB BA	G (1000642	32)								
2 % BENTONITE, BULK (10000368)														
	7.356 0	Gal	FRESH	WATER										
3	Tail Ce	ment	HALCI	IALCEM (TM) SYSTEM (452986) 100.0 sacks 15.6 1.18 5.2										5.2
	0.4 %)		D(R)-9, 50 LB (Sector Sector Sector (1997)			
	5.197 0	Gal		WATER										
4	Displac	ement					224.00	bbl	8.33	.0	.0	.0		
Ca	alculate	d Value	s	Pressu	res		ipoliticada	Star Stra	V	olumes			and the second	
Displa	cement	22	5 Sh	ut In: Instant		Lost R	eturns	0	Cement S	AND A REPORT OF A	70	Pad		
op O	f Cemen	t 23	72 5 M	/lin		Cemen	t Returns	0	Actual Dis		ent 225	Treatm	nent	
rac G	radient		15	Min		Spacer	'S	30	Load and			Total J	lob	325
		A State			a first of the		Rates	and the second		and the second sec			State C	
Circu	Circulating 6 Mixing						Displac	ement	6	Ang-Sternando har b	Avg. Jo	b		6
Cem	ent Left	In Pipe	Amou	nt 42 ft Rea	ason Shoe	Joint			1					
Frac F	Ring #1	@	ID	Frac ring # 2	2.@	D	Frac Rin	g # 3 @			Frac Ring	#4@		ID
Tł	ne Infor	matior	State	d Herein Is (Correct	Custon	ner Represe	entative S	Signature					

Cementing Job Summary

						24		Auch					0-1	0	4.0000	DOOF	
		EENIE			: 295238			Quote			-			s Order	#: 9859	9925	
Cros			RGYIN	IC E	BUSINE			Custo	omer	Rep:	owe	ery, Mark					
	by 33'						1-26H					API/L		15-033-			
					OLDWA ⁻			/Paris	sh: C	omanc	he		State	: Kansa	as		
		ction 26	Town	ship	33S Ra	nge 1	BW										
Lari	at				Rig/Plat	form	Name/I	Num:	19								
e: C	ement	Produc	ction Lir	ner										3			
Devel	lopmei	nt Well			Job Typ	e: Ce	ment P	roduct	tion L	iner							
n: N	IGUYE	N. VIN	Н								AR	/IBU ID I	Emp #:	44212	5		
						-				-,							
Nam	ne	Exp Hrs	Emp	#	HES					Emp	#	HES	Emp Na	ame	Exp Hr	s Fn	nn #
		10			HEIDT, J	AMES									10		600
7		10	44212	5	Nicholas												
		10	44212	5													
							Fauin	ment									
Dis	tance-	1 wav	HES U	nit #	Dista	nce-1					tanc	e.1 wav	HES	Unit #	Dieta	100-1	wav
		. thuy		17	Dista		y	HL0	Sinti		and	c-i way	1120	Sint #	Distdi	106-1	vvay
							Joh II										
On	Locati	on O	norating		Data	-		and a second second	0	motion	-	Data					
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Stage/Plug #: 1

Fluid Data

Cementing Job Summary

Fluid #	Stage	Туре		Fluid N	ame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Flu Gal/sł			tal Mix d Gal/sk
1	Rig Sup Gel Spac	· · · · · · · · · · · · · · · · · · ·					30.00	bbl	8.5	.0	.0	.0		
2	Primary	Cement	EC	ONOCEM (TM) SY	STEM (452	992)	475.0	sacks	13.6	1.54	7.36		7	7.36
	0.4 %		HA	LAD(R)-9, 50 LB (1	00001617)		-II							
	2 lbm KOL-SEAL, BULK (100064233													
	2 %		BE	NTONITE, BULK (1	00003682)				1					
	7.356 G	al		ESH WATER										
3	Displac (TBC)	ement					104.00	bbl	8.33	.0	.0	.0		
Ca	alculated	Values	5	Pressur	es	all mos		14.13	V	olumes				Join his
Displa	cement	104	4	Shut In: Instant		Lost R	eturns		Cement S	lurry	13	0 Pad		
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Circulating 5 Mixing							Displac	ement	6		Avg.	Job	1	5
Cem	ent Left	n Pipe	Am	ount 87.94 ft Rea	son Shoe	Joint			-1					
Frac I	Ring #1 (0	ID	Frac ring # 2	@	D	Frac Rin	g # 3 @	10	D F	Frac Rin	g#4@		ID
Tł	ne Infor	mation	Sta	ited Herein Is C	orrect	Custon	ner Represe	entative S	ignature					

Remarks	
Tiffany Golay 12/27/012 03:01 pm	Conductor weight= 94 lbs/ft set with 10 yds of grout Liner depth= 10034 ft
Tiffany Golay 10/08/012 09:23 am	TMD= 10,034'