

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1215116

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:			SecTwpS. R					
Address 2:			Feet from North / South Line of Section					
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section			
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:			
Phone: ()			□ NE □ NW	V □SE □SW				
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:	W	/ell #:			
	e-Entry	Workover	Field Name:					
	_		Producing Formation:					
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth:					
	GSW	Temp. Abd.						
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet					
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No					
If Workover/Re-entry: Old Well I			If yes, show depth set: Feet					
Operator:			If Alternate II completion, c	cement circulated from:				
Well Name:			feet depth to:	w/	sx cmt.			
Original Comp. Date:								
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan				
☐ Plug Back	Conv. to G		(Data must be collected from the					
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls			
Dual Completion			Dewatering method used:					
SWD			Location of fluid disposal if	hauled offsite				
☐ ENHR								
GSW Permit #:			Operator Name:					
_ _			Lease Name:	License #:_				
Spud Date or Date R	eached TD	Completion Date or	QuarterSec	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 I II Approved by: Date:



Operator Name:			Lease Name: _					
Sec Twp	S. R	East West	County:					
open and closed, flow	ring and shut-in pressu	ormations penetrated. Eures, whether shut-in predict final chart(s). Attach	essure reached stati	c level, hydrosta	atic pressures, bott			
		otain Geophysical Data a or newer AND an image		gs must be ema	ailed to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log	
Drill Stem Tests Taker (Attach Additional S		Yes No		_og Formation (Top), Depth and Datum				
Samples Sent to Geo	logical Survey	Yes No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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	
	Donth		. CEMENTING / SQL	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives				
	ulic fracturing treatment o	n this well?		Yes	No (If No, ski	p questions 2 aı	nd 3)	
Does the volume of the to	otal base fluid of the hydr	aulic fracturing treatment ex submitted to the chemical	_	= :	No (If No, ski	p questions 2 at p question 3) out Page Three		
Shots Per Foot	PERFORATION Specify For	N RECORD - Bridge Plug ootage of Each Interval Per	s Set/Type forated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth				
				,				
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er B	bbls. G	as-Oil Ratio	Gravity	
DISPOSITIO	ON OF GAS:	Open Hole		Comp. Con	mmingled	PRODUCTIO	ON INTERVAL:	
(If vented, Sul	bmit ACO-18.)	Other (Specify)	(Submit)	400-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jeromy 3204 1-26H
Doc ID	1215116

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8512-8842	1500 gals 15% HCL Acid, 5268 bbls Fresh Slickwater, Running TLTR 5523	
5	8139-8426	1500 gals 15% HCL Acid, 5209 bbls Fresh Slickwater, Running TLTR 10897	
5	7687-8044	1500 gals 15% HCL Acid, 5196 bbls Fresh Slickwater, Running TLTR 16253	
5	7303-7634	1500 gals 15% HCL Acid, 5290 bbls Fresh Slickwater, Running TLTR 21681	
5	6890-7234	1500 gals 15% HCL Acid, 5353 bbls Fresh Slickwater, Running TLTR 27270	
5	5904-6122	1500 gals 15% HCL Acid, 5181 bbls Fresh Slickwater, Running TLTR 32546	
5	5532-5822	1500 gals 15% HCL Acid, 5367 bbls Fresh Slickwater, Running TLTR 38004	
5	5130-5439	1500 gals 15% HCL Acid, 4965 bbls Fresh Slickwater, Running TLTR 43034	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jeromy 3204 1-26H
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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	4842-5054	1500 gals 15% HCL Acid, 4975 bbls Fresh Slickwater, Running TLTR 48064	
5	4732-4789	1500 gals 15% HCL Acid, 3705 bbls Fresh Slickwater, Running TLTR 51798	
4	4274-4554	1500 gals 15% HCL Acid, 4358 bbls Fresh Slickwater, Running TLTR 56156	

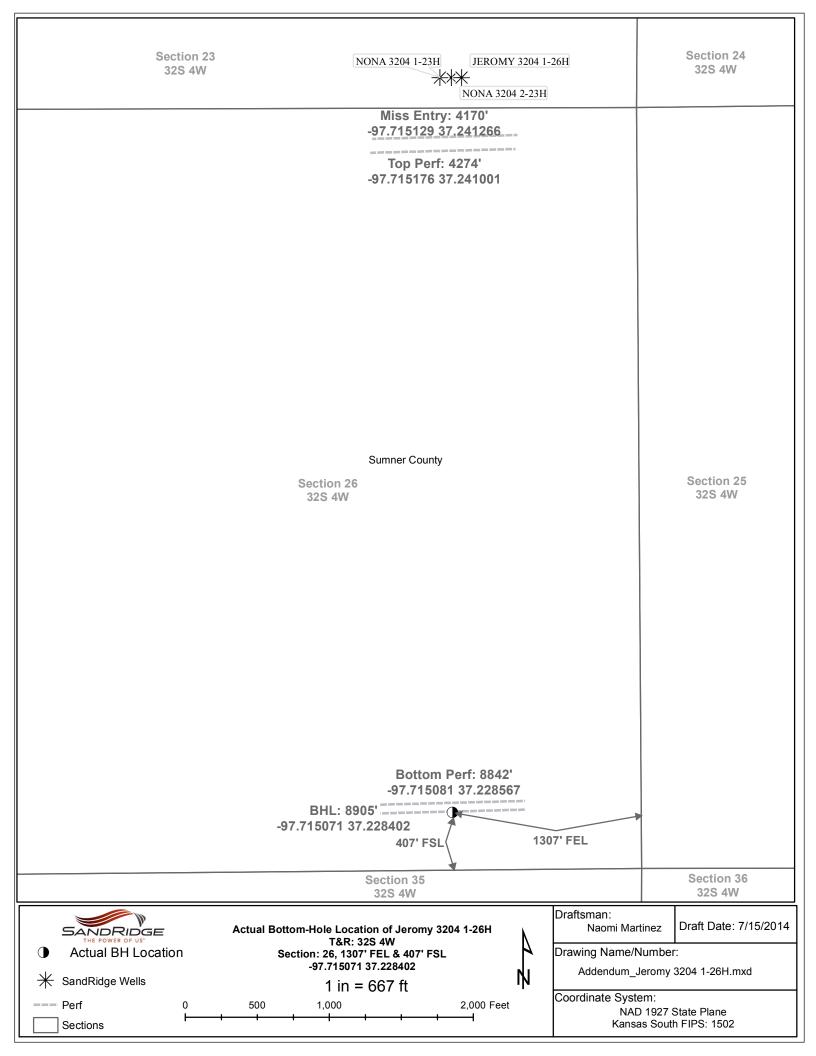
Form	ACO1 - Well Completion
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Casing

	Casing Set	Weight	Setting Depth	Type Of Cement	Sacks	Type and Percent Additives
30	20	75	90	Mid- Contint grout	13	none
12.25	9.63	36	262	O-Tex Premium Plus (Class C)	290	2% Calcium Chloride, 1/4 pps Cello- Flake
8.75	7	26	4698	50/50 Poz Premium/ premium		4% Gel, .2% FL- 17, .1% C- 51, .2% C- 20, .1% C- 37, .4% C- 41P
1	2.25	20 2.25 9.63	20 75 2.25 9.63 36	20 75 90 2.25 9.63 36 262	20 75 90 Mid-Contint grout	20 75 90 Mid-Contint grout 13

Directional	Measured	Sub-Sea	Vertical	True Vert	Northings (+)	Eastings (+) Westings (-)	Vert Section	DLS deg/100'				
Survey Calculations	Depth (ft)	Incl. (deg)	Azim. (ft)	Depth (ft)	Southings (-) (ft)	(ft)	(ft)	(deg)	FNL	FSL	FWL	FEL
SHL BHL	8905	0.00 89.30	0.00 178.40	0.00 4015.64	0.00 -5143.46	0.00 -195.00	0.00 5147.15	0.00	-200 4942	5477 334	4075 3887	1230 1417
Miss Entry	4170	72.14	189.43	3962.38	-417.58	-127.16	422.14	10.72	217	5060 4959	3948 3933	1357 1372
Top Perf Bottom Perf	4274 8840	82.87 89.34	187.78 178.40	3983.37 4014.88	-518.06 -5078.49	-142.65 -196.81	523.14 5082.30	6.49 0.95	317 4877	399	3886	1419
1			Х	Y							m	
Survey Points		XY Coord	2224623	210375			X	Υ		Line slope	0.0035815	
		XY Coord	2224615 2229928	205088 210394		Surface XY	2228698	210590		Line slope Line slope	0.0015172 0.0062205	
		XY Coord	2229920	205121						Line slope	0.0015131	
	Measured	Sub-Sea	Vertical	True Vert	Northings (+)	Eastings (+)	Vert	DLS				
	Depth	Incl.	Azim.	Depth	Southings (-)	Westings (-) (ft)	Section (ft)	deg/100' (deg)	FNL	FSL	FWL	FEL
	(ft) 0	(deg) 0,0	(ft) 0	(ft) 0	(ft) 0		0	0	-200	5477	4075	1230
	250	0.42	294.5	249.998	0.38	-0.83	-0.34782	0.168	-201	5477	4074	1231
	406	0.4	294.5	405.994	0.84	-1.85	-0.77156		-201	5477	4073	1232
	498	0.3	282.7	497.992	1.03	-2.38	-0.93739	0.1334	-201 -204	5478 5480	4072 4071	1233 1234
	956 1414	0.5 0.2	3.5 2.1	955.984 1413.97	3.29 6.08	-3.42 -3.27	-3.15394 -5.95116		-204	5483	4071	1234
	1888	0.2	12.6	1887.96	9.73	-2.61	-9.62626		-210	5486	4072	1233
	2363	0.9	6.1	2362.91	16.27	-1.58	-16.2019		-217	5493	4073	1232
	2648	2.6	356.1	2647.77	24.95	-1.78	-24.8633	0.6038	-225	5502	4073	1232
	2742	4	337	2741.61	30.10	-3.21	-29.9505	1.8742	-231	5507	4071	1234
	2837	8.2	349.9	2836.06	39.82	-5.69	-39.5731		-240	5516	4069	1236
	3027	6.9	347.8	3024.41	64.32	-10.48	-63.8682		-265	5541	4064	1241
	3091	6.4	344.8	3087.98	71.52	-12.23	-70.9959		-272	5548	4062 4061	1243 1244
	3122	5.1 3.9	331.9 290.2	3118.82 3149.73	74.40 75.98	-13.33 -14.97	-73.8347 -75.3508	10.94	-275 -276	5551 5553	4060	1244
	3153 3185	3.9	246.5	3181.66	75.91	-17.02	-75.2033		-276	5553	4058	1247
	3216	5.6	220.6	3212.56	74.33	-18.99	-73.5491		-275	5551	4056	1249
	3248	8.4	213.9	3244.32	71.20	-21.31	-70.3365		-272	5548	4053	1252
	3279	11	215.2	3274.87	66.91	-24.28	-65.9293	8.4163	-267	5544	4050	1255
	3311	13.3	214.8	3306.15	61.39	-28.14	-60.2677		-262	5538	4046	1259
	3343	15.3	213.3	3337.16	54.84	-32.56	-53.5516		-255	5532	4042	1263
	3374	16.9	211.9	3366.94	47.59	-37.19	-46.1356		-248	5524	4037	1268 1272
	3406	17.9	208.5	3397.48	39.32 30.25	-41.99 -46.55	-37.687 -28.452	5.108	-240 -231	5516 5507	4033 4028	1272
	3438 3470	19.1 19.6	205 202.3	3427.83 3458.02	20.54	-50.80	-18.5855		-221	5497	4024	1281
	3502	20.2	200.5	3488.11	10.40	-54.77	-8.30018		-211	5487	4020	1285
	3533	21.1	196.9	3517.12	0.05	-58.27	2.17875		-201	5477	4016	1289
	3565	22.7	193.2	3546.81	-11.47	-61.35	13.8121	6.6008	-189	5466	4013	1292
	3597	23.9	188.4	3576.2	-23.90	-63.71	26.3189		-177	5453	4011	1294
	3628	25	185.2	3604.42	-36.64	-65.22	39.1042		-164	5440	4010	1295
	3660	26.5	185.6	3633.24	-50.48	-66.53	52.9842		-150	5427	4008	1297
	3691 3723	28.5 31.1		3660.74 3688.51	-64.70 -80.47	-68.10 -70.19	67.2606 83.0914		-136 -120	5412 5397	4007 4005	1298 1300
	3755	34.1	189.2	-		-72.81	100.218		-103	5380	4002	1303
	3786	37.1	189.6	3740.66		-75.75	118.118		-85	5362	3999	1306
	3817	40.2	189.2	3764.87		-78.91	137.325	10.032	-66	5343	3996	1309
	3850	42.9		3789.57		-82.41	159.047		-45	5321	3992	1312
	3882	45.4		3812.52		-86.04	181.161		-23	5299	3989	1316
	3913	48.1	189.6			-89.78	203.552		0	5277	3985	1320
	3945	51.3		3854.46		-93.98	227.733 253.037		24 49	5253 5228	3981 3977	1324 1328
	3977 4008	54.7 57.1		3873.71 3891.09		-98.51 -102.92	278.473	7.906	74	5203	3972	1333
	4040	59		3908.03		-107.49	305.391		101	5176	3968	1337
	4072	61.3		3923.95		-112.22	332.899		128	5148	3963	1342
	4103	64.9	189.8	3937.97	-356.09	-116.92	360.297		155	5121	3958	1347
	4135	68.4		3950.66		-121.79	389.43		184	5092	3953	1352
	4166	71.6		3961.26		-126.52	418.33		213	5064	3949	1356
	4198	75.9		3970.21		-131.59	448.794		243	5033	3944	1361
	4235	80.4		3977.81		-137.25	484.741		279 310	4998 4966	3938 3934	1367 1371
	4267 4299	82.5 84.2		3982.56 _{3986.27}		-141.71 -146.00	516.215 547.849		310 342	4935	3934	1371
	4330	85.7	187.8		-573.26	-150.16	578.583		372	4904	3925	1380
	4362	86.2		3991.26		-154.52	610.347		404	4873	3921	1384
				_								

	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)	(ft)	(deg)	FNL	FSL	FWL	FEL
	4407	86.8	187.2	3994	-649.41	-160.42	655.067	2.0466	448	4828	3915	1390
	4456	87.5	187.2	3996.44	-697.96	-166.56	703.819	1.4286	497	4780	3909	1396
	4501	88	187		-742.58	-172.11	748.619	1.1966	542	4735	3904	1401
	4552	88.7	187.1		-793.17	-178.37	799.414	1.3865	592	4685	3898	1407
	4583	89.1	187		-823.93	-182.18	830.297	1.33	623	4654	3894	1411
	4615	90	186.7			-185.99		2.9646	655	4622	3890	1415
	4647	90.5	185.1			-189.28	894.122	5.2384	686	4590	3887	1418
	4677	90.9	183.2			-191.45		6.4717	716	4560	3885	1420
	4761	90.7	180.2		-1001.40	-193.94	1008.08		800	4476	3882	1423
	4793	91	180.3		-1033.39	-194.08		0.9882	832	4444	3882	1423
	4887	91.1	179.5		-1127.38	-193.92		0.8575	926	4350	3882	1423
Top of Tangent	4982	90.9	179		-1222.35	-192.68		0.5668	1021	4255	3884	1421
@ 4320'	5077	91.6	179.3		-1317.32	-191.27		0.8016	1116	4160	3885	1420
	5172	91.2	180.9		-1412.29	-191.43	1418.57		1211	4066	3885	1420
	5266	88.5	179.2		-1506.27	-191.51		3.3942	1305	3972	3885	1420
	5362 5456	88.2	178.6 178.1	NOTE OF THE PART OF THE	-1602.22	-189.67		0.6985	1401	3876	3887	1418
	5547	90.3 90.6	176.1		-1696.16 -1787.06	-186.97 -182.84	1702.07		1495	3782	3890	1415
Bim of Tangent	5639	91.1	178.4		-1878.97	-178.91	1792.75 1884.43		1586 1678	3691 3599	3895 3899	1410 1406
@ 4629'	5731	91.3	180.2		-1970.94	-177.78	1976.29		1770	3507	3900	1405
@ 4020	5822	92.3	180.9		-2061.89	-178.66	2067.21	1.3412	1861	3416	3899	1405
	5913	90.6	180.3		-2152.85	-179.61	2158.14	1.981	1952	3325	3898	1407
	6004	90.4	180.7		-2243.84	-180.40		0.4914	2043	3234	3898	1407
	6095	91.5	180.5		-2334.82	-181.35	2340.05		2134	3143	3897	1408
	6187	89.9	182.1		-2426.78	-183.44	2432.02		2226	3051	3895	1410
	6278	89.5	182.4	3982.72		-187.01	2523.02		2317	2960	3891	1413
	6371	88.4	182.3		-2610.62	-190.83	2616.01		2410	2867	3888	1417
	6462	89	179		-2701.58	-191.86	2706.94		2500	2776	3887	1418
	6553	87.6	177.6	3989.19		-189.16	2797.68		2591	2685	3890	1415
	6645	86.5	178.7	3993.92		-186.19	2889.33		2683	2593	3893	1412
	6738	88.1	180.2		-2977.21	-185.30	2982.11	2.357	2776	2501	3894	1411
	6829	88.7	179.8	4000.84	-3068.17	-185.30	3073.01	0.7923	2867	2410	3894	1411
	6923	87.6	180	4003.88	-3162.12	-185.14	3166.89	1.1894	2961	2316	3894	1411
	7019	87.9	180	4007.65	-3258.04	-185.14	3262.74	0.3125	3057	2220	3894	1410
	7113	87.5	179.8	4011.42	-3351.97	-184.98	3356.59	0.4757	3151	2126	3895	1410
	7208	90.2	181.7	4013.33		-186.22	3451.53	3.4749	3246	2031	3894	1411
	7303	90.7	181.6	4012.58		-188.95	3546.52	0.5367	3341	1936	3891	1414
	7398	91.8	181.2	4010.51_		-191.28	3641.49	1.232	3436	1841	3889	1416
	7493	90.2	180.8	4008.85		-192.93	3736.45	1.736	3531	1746	3887	1418
	7587	90	181.6	4008.68_		-194.90	3830.43		3625	1652	3886	1419
	7683	89.1	180.9	-	-3921.75	-197.00	3926.42		3721	1556	3884	1421
	7803	88.6	181	4011.85	Mary supplies Biologic	-198.98	4046.36		3841	1436	3882	1423
	7898	87.4		4015.16_		-200.23	4141.27		3936	1341	3881	1424
	7992	90.7		4016.72		-200.56	4235.19		4029	1247	3881	1424
	8086	90.7		4015.57	-4325	-200	4329.08		4123	1153	3881	1424
	8181 8276	90.2		4014.83	-4420	-199	4423.99		4218	1058	3882	1423
	8276 8371	90.1		4014.58	-4515 4610	-201	4518.96		4313	963	3881	1424
	8371 8466	90 89.6	181.1	4014.49	-4610	-202	4613.94		4408	868	3879	1426
	8560	89.6	180.1	4014.83 4015.48	-4705	-203	4708.89 4802.8	1.736	4503	773	3879	1426
	8655	90.7		4015.48	-4799 -4894	-203 -202			4597	679	3879	1426
	8750	90.2		4015.25	-4989	-202	4897.69 4992.5	0.674	4692 4787	584 489	3880 3883	1425 1422
	8844	89.3	178.4	4014.49	-5082	-199	5086.29		4881	395	3886	1422
	8905	89.3		4015.64	-5143	-195	5147.15	0.9374	4942	334	3887	1419
					0110	100	211110	0	1012	007	0001	1-111



Mid-Continent Conductor, LLC

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	

Invoice

Date	Invoice #
4/4/2014	2568

	Ordered By	Terms	Date of Service		Lease N	lame/Legal Desc.	Drilling Rig			
	John Fortune	Net 30		4/4/2014	Jeromy 3204	1-26H, Sumner Cnty KS	Lariat 40			
	Item	Quantity		Description						
20" P Mous 16" P Cellar 6' X 6 Mud a Trans Grout Grout Fence Welde	e Hole ipe r Hole r Hole r Tinhorn and Water port Truck - Conductor & Trucking Pump Panels er & Materials emoval Plate		90 80 80 1 1 1 1 13 1 1 1 1	Furnished grout p Furnished and set Furnished welder Labor and equipn Furnished cover p Permits AF We Co Am Co Co	of 20 inch conducts hole. of 16 inch mouse hole. to 6x6 tinhorn. of water to locate dis of grout and to bump. safety panels an and materials. nent for dirt remolates. El Number: de: 3300	ion. rucking to location. round holes. oval. DC1366	20 041-26 A ledy			
					Subt	otal	\$18,700.0	0		
					Sales	Tax (0.0%)	\$0.00	0		
						Total	\$18,700.00	\exists		

.10	OB SUMN	IAR'	Y			PROJECT NUMBI	3602		TICKET DATE	04/09/14	a	
JOB SUMMARY COUNTY STATE COMPANY Sumner Oklahoma dridge Exploration & Produc						CUSTOMER REP Jackie Kennedy						
LEASE NAME Well No.	JOB TYPE	OB TYPE					EMPLOYEE NAME					
Jeromy 3204 1-26H	Surface											
Louis Arney 0			Г	T								
Vontray Watkins												
Ron Derry												
0.00				L			·	Ш				
Form. NameType:	· ·		ICa	lled Out		On Location	on	Joh	Started	Job Co	ompleted	
##Set At		Date	-	4/9/2014		4/9/20			4/9/2014		9/2014	
Bottom Hole Temp. 80 Pressu Retainer Depth Total D		Time		0600		1100			1844	21	030	
Tools and Accessorie		Time		0000		Well D	Data		1044		730	
Type and Size Qty	Make			New/U	sed	Weight	Size G	rade	From	To	Max. Allow	
Auto Fill Tube 0	IR	Casing				36#	95/8"		Surface	300	1,500	
Insert Float Va 0 Centralizers 0	IR IR	Liner						_				
Top Plug 0	IR	Tubing	1				0	_				
HEAD 0	IR	Drill Pi										
Limit clamp 0	IR III	Open I					121/4	"	Surface	300	Shots/Ft.	
Weld-A 0 Texas Pattern Guide Shoe 0	IR IR	Perfora Perfora			-			-				
Cement Basket 0	İŘ	Perfora	ation	าร				_				
Materials Mud Type WBM Density	9 Lb/Gall			Location	7	Operating			Descript	ion of Job)	
	9 Lb/Gal 8.33 Lb/Gal	Dat 4/9		Hours 9.5	-	4/9	Hour 0.6		Surface			
Spacer type resh Wate BBL. 10	8.33				1							
Spacer type BBL.	0,		_]				-			
Acid Type Gal. Acid Type Gal.	%				1			-				
Surfactant Gal	ln				1							
NE Agent Gal. Fluid Loss Gal/Lb	-ln				-							
Fluid Loss	In				\mathbf{H}			-				
Fric. Red. Gal/Lb	in				_							
MISC. Gal/Lb	_ln	Total		9.5	J	Total	0,6					
Perfpac BallsQty.	•					Pre	essures					
Other MAX												
Other Other		MAX		6 BPM		Average AVG		ı BP 4	M			
Other		IVIAX		O DI W	-	Cement			1			
Other		Feet		43		Reason	SHOE	JÒI	NT			
		C	omo	ent Data					(4)			
Stage Sacks Cement		Additive	s						W/Rq.	Yield	Lbs/Gal	
1 190 Premium Plus (Class C)	2% Calcium Chlori	de - ¼pp	s Ce	llo-Flake					6.32	1.32	14.80	
2 *100 Premium Plus (Class C) 3 0 0	*2% Calcium Chlor	ide on si	de t	o use if nec	essa	iry			*6.32 0 0.00	*1.32 0.00	*14.8 0.00	
							0		0.00	0.00	0.00	
Desfinale		Su	mm			DDI	48	00	—	F1	107-4	
Preflush Type: Breakdown MAXIM	/UM 1.	500 PSI		Preflush: Load & Bk	dn:	BBI Gal - BBI	N.	.00 /A	Type: Pad:BbT		Water N/A	
Lost Re	eturns-1 N	O/FULL		Excess /R	etun		1	7	Calc.Dis	p Bbl	17	
Actual Average Bump		IRFACE 1,200		Calc. TOC Final Circ.		PSI:	SURI 2		EActual D		17.00	
IS:P 5 Min 10 Min				Cement S	lurry			5.0		-		
		_/		Total Volu	me	BBI	72.	.00				
	/	_		1				\mathcal{A}				
CUSTOMER REPRESENTATIV	F	-01	1		1	me	-0	1				
SOUTH THE THE SELVENT	194	CF	4	7	~	SIGNATURE						

JOB SUMMARY						SOK 3632 04/16/14				l		
Sumner Kansas Sandridge Exploration & Production					CUSTOMER REP Jackie Kennedy							
LEASE NAME Jeromy 3204	Wel No.		IOB TYPE				EMPLOYEE NAME					
Jeromy 3204 1-26H Intermediate Bryan Douglas												
Bryan Douglas	1 10	-										
Rocky Anthis	- "			-				\dashv				
Flo Helkena	-+-			-				\dashv	74			
Paul Thomas								\dashv				
Form. Name	Type:											
Packer Type	Set At	4,048'	Date		1 Out /16/2014	On Locatio 4/16/2	on		Started		mpleted	
Bottom Hole Temp. 15			Date	~	10/2014	4/ 10/2	014	-	4/16/2014	4/	16/2014	
Retainer Depth	Total [Depth ~4,735'	Time		1400	1700			1900	2	100	
Tools and	Accessorie					Well I						
Type and Size Auto Fill Tube	Qty	Make	0		New/Used	Weight		ade	From	То	Max. Allow	
Insert Float Val	0	IR IR	Casing Liner			26#	7"	+	Surface		5,000	
Centralizers	0	IR IR	Liner		-			+				
Top Plug	0	İR	Tubing				0	+				
HEAD	0	IR	Drill Pip	е			<u> </u>	+				
Limit clamp	0	IR	Open H				83/4"		Surface	~4,735'	Shots/Ft.	
Weld-A Texas Pattern Guide Shoe	0	IR IR	Perfora									
Cement Basket	0	IR IR	Perfora Perfora					\perp				
Mater			Hours (ation	Operating	Hours		Descrin	tion of Job	İ	
Mud Type WBM	Density	9 Lb/Gal	Date		Hours	Date	Hours	5	Interme			
Disp. Fluid Fresh Water Spacer type GEL BB	Density	8.33 Lb/Gal 8.33	4/16	-	4.0	4/16	2.0			2003002-708-000		
Spacer type BB	L	0.55	_	\dashv				\dashv	1 BBL B	BACK		
Acid Type Gal		%		\dashv				\dashv			•	
Acid Type Gal		%										
Surfactant Gal NE Agent Gal		In		-				\Box				
		In In		+				\dashv				
Gelling Agent Gal	/Lb	In —		\dashv				\dashv				
Fric. RedGal	/Lb	In										
MISCGal	/Lb	In	Total		4.0	Total	2.0					
Perfpac Balls	Oh					Due						
Other			MAX	5.	000 PSI	AVG.	essures 30	n				
Other						Average I						
Other			MAX	{	BPM		6					
Other					0.0		Left in P		_			
Other			Feet		90	Reason	SHUE J	OINI				
			Ce	ment	Data							
Stage Sacks Ceme	ent		Additives						W/Rg.	. Yield	Lbs/Gal	
1 220 50/50 POZ P	REMIUM	4% Gel - 0.2% FL-	17 - 0.1% (-51 -	0.2% C-20 - 0	.1% C-37 - 0).4% C-41	P	6.93	1.43	13,60	
2 100 Premi 3 0 0	um	0.2% FL-17 - 0.1%	C-51 - 0.1	% C-2	0 - 0.4% C-41	P			5.19	1.19	15.60	
3 0 0									0.00	0.00	0.00	
									-			
			Sum	mary								
Preflush 30	Type:		3el		eflush:	BBI I	30.0	Ú	Type:	Gel Sr	pacer	
Breakdown	MAXIM		000 PSI	Lo	ad & Bkdn:	Gal - BBI	N/A		Pad:Bbl	-Gal	N/A	
	Lost Re		0/FULL 1,992		cess /Return lc. TOC:	BBI .	N/A		_ Calc.Dis		177	
Average		Plug PSI:	1,400			PSI:	1,99		_Actual D _Disp:Bbi		176.68 1 76.6 8	
ISIP5 Min	10 Min	15 Min		Ce	ment Slurry:	BBI	17.2	2]		3100	
	1			To	tal Volume	BBI	283.9	00				
				//	<u> </u>							
CUSTOMER REPRES	SENTATIV	IE_fran	eng e	X	wy)							
					4 :	SIGNATURE						

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Hydraulic Fracturing Fluid Product Component Information Disclosure

5/12/2014	Job Start Date:
5/14/2014	Job End Date:
Kansas	State:
Sumner	County:
15-191-22727-01-00	API Number:
SandRidge Energy	Operator Name:
,	Well Name and Number:
-97.71430000	Longitude:
37.24230000	Latitude:
NAD27	Datum:
NO	Federal/Tribal Well:
4,016	True Vertical Depth:
54,626	Total Base Water Volume (gal):
0	Total Base Non Water Volume:







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
Sand (Proppant)	Archer	Proppant					
			Silica Substrate	NA	100.00000	45.24027	None
Water	Archer	Carrier/Base Fluid					
			Water	7732-18-5	100.00000	28.47626	None
DiKlor	Sabre Energy Services	Oxidizer					
			Water	7732-18-5	99.90000	3.84963	
			Chlorine Dioxide	10069-04-4	0.40000	3.84963	
Hydrochloric Acid (15%)	Archer	Acidizing					
			Hydrochloric Acid	7647-01-0	15.00000	1.38469	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.06197	None
			Methyl Alcohol	67-56-1	80.00000	0.01142	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00214	None
AIC	Archer	Liquid Acid Iron Control					
			Acetic Acid	64-19-7	50.00000		
			Citric Acid	77-92-9	30.00000	0.01532	None
Chemflush	Archer	Enviro-Friendly Chemical Flush					
			Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.01569	None

		Alcohol Ethoxylate Surfactants	NA	10.00000	0.00158None
Ingredients shown above are subject to 29 CF	R 1910.1200(i) and app	pear on Material Safety Data She	ets (MSDS). Ingredie	ents shown below are N	Ion-MSDS.
	Other Chemicals				
		Water	7732-18-5		0.48555
		WATER	7732-18-5		0.37181
		TRADE SECRET	N/A		0.24787
		Anionic Polymer	N/A		0.24277
		Aliphatic Hydrocarbon	64742-47-8		0.24277
		Water	7732-18-5		0.12920
		ISOPROPANOL	67-63-0		0.06197
		METHANOL	67-56-1		0.06197
		Oxyalkylated Alcohol	68002-97-1		0.04046
		Polyol Ester	N/A		0.04046
		Sodium Salt of Phosphate Ester	68131-72-6		0.02153
		Acrylic Polymer	28205-96-1		0.02153
		Water	7732-18-5		0.01787
		Polyglycol Ester	N/A		0.00809
		Alcohol Ethoxylate Surfactants	N/A		0.00214
		n-olefins	N/A		0.00114
		Propargyl Alcohol	107-19-7		0.00086
		Tetrasodium Ethylenediaminetetraacetate	64-02-8		0.00081
		Cinnamic Aldehyde	104-55-2		
		Surfactant	N/A		
		Water	7732-18-5		
		Acetic Acid	64-19-7		
		Buffer	N/A		

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

^{*} Total Water Volume sources may include fresh water, produced water, and/or recycled water ** Information is based on the maximum potential for concentration and thus the total may be over 100%