Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1103416

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 # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2:
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Tiffany Golay
Phone: (405) 429-6543
CONTRACTOR: License # 33596
Name: Unit Petroleum Company
Wellsite Geologist: Tammy Alcorn
Purchaser: Atlas (gas) NCRA (oil)

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

11/14/2012	12/1/2012	12/27/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21893-01-00
Spot Description:
S2 - S2 - SE - SW Sec. 32 Twp. 34 S. R. 8 ☐ East ☑ West
200 Feet from ☐ North / ☑ South Line of Section
1980 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Harper
Lease Name: Lanie 3408 Well #: 1-32H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1240 Kelly Bushing: 1262
Total Vertical Depth: 9129 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 735 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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: 03/11/2013
☑ **Confidential Release Date:** 03/11/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ I ☐ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/11/2013

1103416

Operator Name: SandRidge Exploration and Production LLC Lease Name: Lanie 3408 Well #: 1-32H

Sec. 32 Twp. 34 S. R. 8 ☐ East ☑ West County: Harper

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
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Attached

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Base Heebner	3478	
Lansing	3848	
Cottage Grove	4112	
Oswego Limestone	4432	
Cherokee Group	4544	
Verdigris Limestone	4575	
Mississippi Lime	4722	

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 1/29/2013

Producing Method: ☐ Flowing ☐ Pumping ☑ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lanie 3408 1-32H
Doc ID	1103416

All Electric Logs Run

Boresight
R1D1 Nuclear Final
Resisitivity
Mudlog

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lanie 3408 1-32H
Doc ID	1103416

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8662-9018	5191 bbls of water, 36 bbls acid, 74M lbs sd, 5227 TLTR	
5	8198-8576	3482 bbls of water, 36 bbls acid, 46M lbs sd, 8909 TLTR	
5	7732-8101	4227 bbls of water, 36 bbls acid, 75M lbs sd, 13295 TLTR	
5	7276-7633	4342 bbls of water, 36 bbls acid, 74M lbs sd, 17793 TLTR	
5	6844-7196	4194 bbls of water, 36 bbls acid, 75M lbs sd, 22113 TLTR	
5	6340-6762	4196 bbls of water, 36 bbls acid, 75M lbs sd, 26408 TLTR	
5	5601-6048	4184 bbls of water, 36 bbls acid, 75M lbs sd, 30628 TLTR	
5	4983-5478	4418 bbls of water, 36 bbls acid, 85M lbs sd, 35152 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Lanie 3408 1-32H
Doc ID	1103416

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	30	20	75	90	Edge Services Grade A Cement	11	none
Surface	12.25	9.63	36	735	Halliburton Extendacem and Swiftcem Systems	400	3% Calcium Chloride, .25 lbm Poly-E-Flake
Intermediate	8.75	7	26	5232	Halliburton Econocem and Halcem Systems	310	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite
Liner	6.12	4.5	11.6	9129	50/50 Poz Standard	750	2% Bentonite, 10 lbm Kol-Seal, .4% Halad(R)-9, .25 lbm Poly-E-Flake, .2% CFR-3

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

Kansas
Corporation Commission

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

December 03, 2012

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

Re: ACO1
API 15-077-21893-01-00
Lanie 3408 1-32H
SW/4 Sec.32-34S-08W
Harper 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 Calculations	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
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5109	200	1980	3319
BHL	9129	89.11	356.89	4712.63	4767.55	-162.31	4769.71	0.00	340	4969	1905	3365
Miss Entry	4958	64.75	357.98	4721.26	608.28	-19.93	608.54	10.37	4500	808	1971	3324
Top Perf	4983	67.74	358.54	4731.21	631.19	-20.60	631.46	11.79	4478	831	1971	3324
Bottom Perf	9018	89.36	357.19	4711.11	4656.72	-156.55	4658.79	2.10	451	4858	1908	3362

Survey Points		X	Y		X	Y		m
	NW Corner XY Coord	2082045	139904				North Line slope	0.008164
	SW Corner XY Coord	2082142	134593	Surface XY	2084118	134812	East Line slope	-0.0243259
	NE Corner XY Coord	2087312	139947				South Line slope	0.0096245
	SE Corner XY Coord	2087441	134644				West Line slope	-0.018264

	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	0.0	0	0	0	0	0	0	5109	200	1980	3319
	20	0.00	0.00	20.00	0	0	0.00		5109	200	1980	3319
	250	1.00	213.56	249.99	-2	-1	-1.65	0.43	5111	198	1979	3320
	500	2.00	213.56	499.90	-7	-5	-7.04	0.40	5116	193	1975	3324
	735	2.00	213.56	734.76	-14	-9	-13.79	0.00	5123	186	1970	3329
	816	0.17	213.56	815.74	-15	-10	-15.05	2.26	5124	185	1970	3329
	1001	0.24	314.10	1000.74	-15	-11	-15.00	0.17	5124	185	1969	3330
	1185	3.39	325.24	1184.62	-10	-14	-10.20	1.71	5119	190	1966	3333
	1276	5.18	322.71	1275.36	-5	-18	-4.65	1.98	5114	195	1962	3337
	1368	4.34	318.64	1367.05	1	-23	1.35	0.98	5108	201	1957	3342
	1460	2.15	319.10	1458.89	5	-26	5.33	2.38	5104	205	1954	3345
	1550	0.51	321.47	1548.87	6	-28	6.94	1.82	5102	207	1953	3346
	1642	0.28	186.89	1640.86	7	-28	7.05	0.80	5102	207	1952	3347
	1734	0.31	147.41	1732.86	6	-28	6.61	0.22	5103	206	1952	3346
	1828	0.47	351.99	1826.86	6	-28	6.78	0.81	5102	207	1952	3346
	1923	0.18	171.64	1921.86	7	-28	7.02	0.68	5102	207	1952	3346
	2018	0.25	44.22	2016.86	7	-28	7.01	0.41	5102	207	1953	3346
	2113	0.19	95.81	2111.86	7	-27	7.14	0.21	5102	207	1953	3346
	2208	0.34	231.14	2206.86	6	-27	6.95	0.52	5102	207	1953	3346
	2303	0.22	215.26	2301.86	6	-28	6.63	0.15	5103	206	1953	3346
	2397	0.24	162.22	2395.86	6	-28	6.30	0.22	5103	206	1952	3346
	2492	0.14	315.73	2490.86	6	-28	6.19	0.39	5103	206	1952	3346
	2587	0.10	20.86	2585.86	6	-28	6.35	0.14	5103	206	1952	3346
	2682	0.44	2.05	2680.86	6	-28	6.79	0.37	5102	207	1952	3346
	2777	0.29	41.71	2775.86	7	-27	7.33	0.30	5102	207	1953	3346
	2967	0.38	346.69	2965.85	8	-27	8.30	0.17	5101	208	1953	3346
	3156	0.48	57.44	3154.85	9	-27	9.33	0.27	5100	209	1953	3345
	3251	1.23	8.97	3249.84	10	-26	10.54	1.03	5099	210	1954	3345
	3346	0.67	345.15	3344.82	12	-26	12.08	0.71	5097	212	1954	3345
	3441	0.21	239.88	3439.82	12	-27	12.54	0.79	5097	212	1954	3345
	3536	0.19	242.18	3534.82	12	-27	12.38	0.02	5097	212	1953	3345
	3631	0.07	150.72	3629.82	12	-27	12.26	0.21	5097	212	1953	3346
	3726	0.22	126.41	3724.82	12	-27	12.10	0.17	5097	212	1953	3345
Top of Tangent	3820	0.69	66.27	3818.82	12	-26	12.21	0.65	5097	212	1954	3345
@ 4612'	3852	1.77	28.01	3850.81	12	-26	12.71	4.06	5096	212	1954	3344
	3883	4.44	19.26	3881.76	14	-25	14.26	8.72	5095	214	1955	3344
	3915	7.46	15.83	3913.59	17	-24	17.41	9.50	5092	217	1956	3343
	3947	9.83	14.59	3945.22	22	-23	22.03	7.43	5087	222	1958	3341
Btm of Tangent	3978	11.07	15.01	3975.71	27	-21	27.44	4.01	5082	227	1959	3340
@ 4802'	4010	12.27	15.34	4007.04	33	-20	33.65	3.76	5075	233	1961	3338
	4042	13.51	16.04	4038.24	40	-18	40.49	3.91	5069	240	1963	3336
	4073	15.36	16.32	4068.26	48	-16	47.87	5.97	5061	248	1965	3333
	4105	17.28	16.03	4098.97	56	-13	56.46	6.01	5053	256	1968	3331
	4137	19.69	16.00	4129.31	66	-10	66.16	7.53	5043	266	1971	3328
	4168	22.71	16.23	4158.21	77	-7	76.87	9.75	5032	277	1974	3324
	4200	25.97	14.97	4187.36	89	-4	89.50	10.32	5019	289	1978	3320
	4232	29.35	12.69	4215.70	104	0	103.86	11.07	5005	304	1982	3317
	4263	31.22	10.73	4242.47	119	3	119.11	6.82	4990	319	1985	3313
	4295	32.50	9.57	4269.65	136	6	135.68	4.43	4973	336	1988	3310
	4327	31.92	8.14	4296.73	153	9	152.48	2.99	4956	353	1991	3307
	4359	32.22	5.82	4323.84	170	11	169.30	3.96	4939	369	1994	3304
	4390	33.99	3.17	4349.81	186	12	186.15	7.37	4923	386	1995	3302
	4422	35.83	1.06	4376.05	205	13	204.43	6.88	4904	405	1996	3301
	4454	37.38	359.16	4401.74	224	13	223.51	6.00	4885	424	1997	3301
	4485	39.45	357.42	4426.03	243	12	242.76	7.53	4866	443	1997	3301
	4517	42.47	355.81	4450.19	264	11	263.72	10.00	4845	464	1996	3302
	4549	45.07	355.00	4473.30	286	9	285.81	8.31	4823	486	1994	3303
	4580	47.68	354.90	4494.69	308	7	308.19	8.42	4801	508	1993	3304
	4612	49.75	354.51	4515.80	332	5	332.17	6.53	4777	532	1991	3306
	4676	50.55	354.08	4556.81	381	0	381.14	1.35	4728	581	1987	3310
	4771	50.74	353.50	4617.05	454	-8	454.30	0.51	4655	654	1980	3316
	4802	50.70	353.94	4636.68	478	-11	478.20	1.11	4631	678	1978	3318
	4834	52.60	354.49	4656.53	503	-13	503.20	6.09	4606	703	1976	3320
	4865	55.04	355.26	4674.83	528	-15	528.16	8.12	4581	728	1974	3321
	4897	58.47	356.37	4692.37	555	-17	554.88	11.10	4554	755	1973	3323

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
4929	61.84	357.17	4708.29	582	-19	582.61	10.75	4526	783	1972	3324
4961	65.05	358.06	4722.60	611	-20	611.22	10.34	4498	811	1971	3324
4992	68.84	358.73	4734.74	639	-21	639.74	12.39	4469	840	1971	3324
5024	71.90	357.92	4745.49	670	-22	669.87	9.86	4439	870	1971	3324
5055	74.70	358.08	4754.39	699	-23	699.56	9.05	4409	899	1970	3325
5087	78.19	357.93	4761.89	730	-24	730.66	10.92	4378	931	1970	3325
5119	81.13	357.56	4767.63	762	-25	762.13	9.26	4347	962	1969	3325
5150	83.83	357.69	4771.69	793	-26	792.85	8.72	4316	993	1968	3326
5182	86.71	357.74	4774.33	824	-28	824.73	9.00	4284	1025	1967	3326
5220	90.28	358.07	4775.33	862	-29	862.71	9.43	4246	1063	1967	3327
5271	90.89	358.14	4774.81	913	-31	913.70	1.20	4195	1114	1966	3327
5317	90.87	358.19	4774.10	959	-32	959.69	0.12	4149	1160	1965	3328
5413	90.68	357.51	4772.80	1055	-36	1055.66	0.74	4053	1256	1964	3329
5508	91.48	358.57	4771.01	1150	-39	1150.63	1.40	3958	1350	1962	3330
5603	91.83	358.58	4768.27	1245	-41	1245.59	0.37	3864	1445	1961	3330
5698	91.51	358.34	4765.50	1340	-44	1340.54	0.42	3769	1540	1961	3330
5793	91.08	357.42	4763.35	1435	-47	1435.50	1.07	3674	1635	1959	3331
5888	90.92	357.27	4761.69	1530	-52	1530.45	0.23	3579	1730	1956	3334
5984	91.68	358.51	4759.52	1626	-55	1626.40	1.51	3483	1826	1954	3335
6078	91.08	358.93	4757.25	1720	-57	1720.37	0.78	3389	1920	1954	3335
6173	90.80	359.00	4755.69	1815	-59	1815.36	0.30	3294	2015	1954	3334
6268	91.32	359.00	4753.94	1910	-61	1910.35	0.55	3199	2110	1954	3333
6363	91.39	359.54	4751.69	2005	-62	2005.32	0.57	3104	2205	1955	3332
6458	90.74	359.98	4749.92	2100	-62	2100.29	0.83	3009	2300	1956	3330
6553	92.50	359.73	4747.24	2194	-63	2195.24	1.87	2914	2395	1957	3328
6648	92.94	359.21	4742.73	2289	-64	2290.13	0.72	2819	2490	1958	3327
6742	93.03	359.42	4737.84	2383	-65	2384.00	0.24	2725	2584	1959	3326
6806	90.46	359.67	4735.89	2447	-65	2447.96	4.03	2661	2648	1959	3325
6869	89.52	359.56	4735.90	2510	-66	2510.95	1.50	2598	2711	1960	3323
6932	89.04	358.37	4736.69	2573	-67	2573.95	2.04	2535	2774	1960	3323
7027	90.15	356.16	4737.36	2668	-71	2668.90	2.60	2440	2869	1957	3325
7122	91.32	356.94	4736.14	2763	-77	2763.80	1.48	2345	2964	1953	3329
7217	90.84	0.01	4734.35	2858	-80	2858.77	3.27	2250	3059	1953	3329
7312	90.74	357.64	4733.04	2953	-81	2953.75	2.50	2155	3154	1952	3329
7407	90.03	356.59	4732.40	3048	-86	3048.70	1.33	2061	3248	1949	3331
7502	90.00	356.76	4732.38	3142	-92	3143.62	0.18	1966	3343	1946	3334
7558	90.19	356.82	4732.29	3198	-95	3199.58	0.36	1910	3399	1943	3336
7622	90.28	358.60	4732.02	3262	-97	3263.57	2.78	1846	3463	1942	3337
7716	90.00	357.38	4731.79	3356	-101	3357.55	1.33	1752	3557	1941	3338
7811	89.97	357.02	4731.82	3451	-105	3452.50	0.38	1657	3652	1938	3340
7906	91.05	359.17	4730.97	3546	-109	3547.48	2.53	1562	3747	1936	3341
8001	91.46	358.73	4728.89	3641	-110	3642.46	0.63	1467	3842	1936	3341
8096	90.77	359.15	4727.04	3736	-112	3737.44	0.85	1372	3937	1936	3340
8191	90.68	358.39	4725.84	3831	-114	3832.43	0.81	1277	4032	1936	3340
8286	91.02	357.11	4724.43	3926	-118	3927.40	1.39	1182	4127	1934	3341
8381	91.60	357.10	4722.26	4021	-123	4022.32	0.61	1087	4222	1931	3344
8476	91.73	356.89	4719.50	4116	-128	4117.23	0.26	992	4317	1928	3346
8571	91.08	357.50	4717.17	4210	-132	4212.15	0.94	897	4412	1925	3349
8666	90.93	356.20	4715.50	4305	-137	4307.07	1.38	803	4507	1921	3352
8761	91.33	357.22	4713.63	4400	-143	4401.98	1.15	708	4601	1917	3355
8856	90.74	357.30	4711.91	4495	-147	4496.92	0.63	613	4696	1915	3357
8951	90.62	356.13	4710.79	4590	-153	4591.84	1.24	518	4791	1911	3360
9046	88.83	357.64	4711.24	4685	-158	4686.77	2.47	423	4886	1907	3363
9087	89.11	356.89	4711.98	4726	-160	4727.74	1.95	382	4927	1906	3364
9129	89.11	356.89	4712.63	4768	-162	4769.71	0.00	340	4969	1905	3365
9129	89.11	356.89	4712.63	4768	-162	4769.71	0.00	340	4969	1905	3365

EDGE SERVICES
580-254-3216
Woodward, OK

INVOICE

DATE	INVOICE #
11/16/2012	3581

BILL TO
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

REMIT TO
EDGE SERVICES, INC. BILLING DEPARTMENT PO BOX 4201 OKLAHOMA CITY, OK 73113

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
HARPER, KS	11/14/2012	2912	UNIT 310	LANIE 3-08 1-32H	Due on rec...

Description
DRILLED 90' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 90' OF 20" CONDUCTOR PIPE FURNISHED 1 LOAD(S) MUD FURNISHED WELDER AND MATERIALS FURNISHED 11 YARDS OF GRADE A CEMENT FURNISHED GROUT PUMP DRILL MOUSE HOLE FURNISHED 80' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE TOTAL BID $ 17,000.00

Sales Tax (6.3%)	$295.48
TOTAL	$17,295.48

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2964628	**Quote #:**	**Sales Order #:** 900014907
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Webster, John	
Well Name: Lanie 3408	**Well #:** 1-32H		**API/UWI #:**
Field:	**City (SAP):** WALDRON	**County/Parish:** Harper	**State:** Kansas
Legal Description: Section 32 Township 34S Range 8W			
Contractor: UNIT	**Rig/Platform Name/Num:** 310		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** TORRES, DIEGO	**MBU ID Emp #:** 390647	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CRESS, JOHNNY Leneil	6	511390	STILL, ERIC Dean	6	523897	TORRES, DIEGO Lopez	6	390647

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 Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11-21-12	6	2						
TOTAL			*Total is the sum of each column separately*					

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	739. ft	**Job Depth TVD**	739. ft		
Water Depth		**Wk Ht Above Floor**	4. ft		
Perforation Depth (MD)	**From**		**To**		

Job Times

	Date	Time	Time Zone
Called Out	21 - Nov - 2012	03:00	CST
On Location	21 - Nov - 2012	08:00	CST
Job Started	21 - Nov - 2012	00:00	CST
Job Completed	21 - Nov - 2012	02:00	CST
Departed Loc	21 - Nov - 2012	00:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12.25" Surface Open Hole	Unknown		.	19.124				.	765.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	765.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug		1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container		1	
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

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	HLC STANDARD	EXTENDACEM (TM) SYSTEM (452981)	200.0	sacks	12.4	2.11	11.64		11.64
3 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
0.25 lbm		POLY-E-FLAKE (101216940)							
11.637 Gal		FRESH WATER							
3	STANDARD	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	15.6	1.2	5.32		5.32
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
0.125 lbm		POLY-E-FLAKE (101216940)							
5.319 Gal		FRESH WATER							
4	Displacement		54.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	54	Shut In: Instant		Lost Returns	NO	Cement Slurry	128	Pad	
Top Of Cement	735	5 Min		Cement Returns	40	Actual Displacement	54	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	192

Rates							
Circulating	4	Mixing	4	Displacement	4	Avg. Job	4

Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint

Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @		ID		Frac Ring # 4 @		ID	

The Information Stated Herein Is Correct	Customer Representative Signature

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	**Ship To #:** 2964628	**Quote #:**	**Sales Order #:** 900026806
Customer: SANDRIDGE ENERGY INC EBUSINESS		**Customer Rep:** Webster, John	
Well Name: Lanie 3408	**Well #:** 1-32H		**API/UWI #:**
Field:	**City (SAP):** WALDRON	**County/Parish:** Harper	**State:** Kansas
Legal Description: Section 32 Township 34S Range 8W			
Contractor: Unit Drilling *	**Rig/Platform Name/Num:** Unit 310		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	**Job Type:** Cement Intermediate Casing		
Sales Person: NGUYEN, VINH	**Srvc Supervisor:** VILLANUEVA, EDUARDO	**MBU ID Emp #:** 341956	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GARCIA, DAVID F	13	519312	LANGLEY, HIRAM J	13	532099	VILLANUEVA, EDUARDO	13	341956

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10012808C	70 mile	10804587	70 mile	10825440	70 mile	10866495	70 mile
11706682	70 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11-25-12			11-26-12	9	5			
TOTAL					*Total is the sum of each column separately*			

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type		BHST	
Job depth MD	5537. ft	Job Depth TVD	
Water Depth		Wk Ht Above Floor	
Perforation Depth (MD)	From		To

Job Times

	Date	Time	Time Zone
Called Out	25 - Nov - 2012	19:00	CST
On Location	26 - Nov - 2012	02:00	CST
Job Started	26 - Nov - 2012	07:00	CST
Job Completed	26 - Nov - 2012	09:00	CST
Departed Loc	26 - Nov - 2012	11:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
8.75" Intermediate Open Hole				8.75				765.	5211.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5211.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	765.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	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		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

Fluid Data

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	.0	
2	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	120.0	sacks	13.6	1.53	7.24		7.24
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.24 Gal	FRESH WATER							
3	Premium	HALCEM (TM) SYSTEM (452986)	190.0	sacks	15.6	1.19	5.08		5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement		197.00	bbl	8.33	.0	.0	.0	

Calculated Values		Pressures		Volumes					
Displacement	197	Shut In: Instant		Lost Returns	PRTAL	Cement Slurry	73	Pad	
Top Of Cement	2800	5 Min		Cement Returns		Actual Displacement	197	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	

Rates

Circulating	4	Mixing	5	Displacement	6	Avg. Job	5

Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint

Frac Ring # 1 @		ID		Frac ring # 2 @		ID		Frac Ring # 3 @		ID		Frac Ring # 4 @		ID	

The Information Stated Herein Is Correct	Customer Representative Signature

API No.
OTC/OCC Operator No.

CEMENTING REPORT
To Accompany Completion Report

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000-2000
Oklahoma City, Oklahoma 73152-2000
OAC 165:10-3-4(h)

Form 1002C
Rev. 1996

ATTENTION: IMPORTANT REGULATORY DOCUMENT
Retain for your records and file with appropriate agency.

All operators must include this form when submitting the Completion Report, (Form 1002A). The signature on this statement must be that of qualified employees of the cementing company and operator to demonstrate compliance with OAC 165:10-3-4(h). It may be advisable to take a copy of this form to location when cementing work is performed.

TYPE OR USE BLACK INK ONLY

*Field Name			OCC District	
*Operator	SANDRIDGE ENERGY INC EBUSINESS		OCC/OTC Operator No	
*Well Name/No.	Lanie 3408 1-32H		County	Harper
*Location 1/4 1/4 1/4 1/4	Sec 32	Twp 34S	Rge 8W	

Cement Casing Data	Conductor Casing	Surface Casing	Alternative Casing	Intermediate Casing	Production String	Liner
Cementing Date						12/2/2012
*Size of Drill Bit (Inches)						6.125
*Estimated % wash or hole enlargement used in calculations						50
*Size of Casing (inches O.D.)						4.5
*Top of Liner (if liner used) (ft.)						4837
*Setting Depth of Casing (ft.) from ground level						9129
Type of Cement (API Class) In first (lead) or only slurry						50/50 POZ Standard
In second slurry						
In third slurry						
Sacks of Cement Used In first (lead) or only slurry						750
In second slurry						
In third slurry						
Vol of slurry pumped (Cu ft)(14.X15.) in first (lead) or only slurry						1192.5
In second slurry						
In third slurry						
Calculated Annular Height of Cement behind Pipe (ft)						4297
Cement left in pipe (ft)						95.27

*Amount of Surface Casing Required (from Form 1000)	ft.

*Was cement circulated to Ground Surface? ☐ Yes ☑ No	*Was Cement Staging Tool (DV Tool) used? ☐ Yes ☑ No
*Was Cement Bond Log run? ☐ Yes ☑ No (If so, Attach Copy)	*If Yes, at what depth? ft

CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE OF FORM

* Designates items to be completed by Operator.
Items **not** so designated shall be completed by the Cementing Company.

Remarks

Stage #1/Slurry #1: Rig Supplied Gel Spacer

Stage #1/Slurry #2: 50/50 POZ STANDARD (w/ 2% extra gel) w/ ECONOCEM (TM) SYSTEM, 2 % Bentonite, 10 lbm Kol-Seal, 0.4 % Halad(R)-9, 2 % Bentonite, 0.25 lbm Poly-E-Flake, 0.2 % CFR-3.

Stage #1/Slurry #3: Displacement

Stage #1/Slurry #4: Optional Liner Top Squeeze 50/50 POZ STANDARD (w/ 2% extra gel) w/ ECONOCEM (TM) SYSTEM, 2 % Bentonite, 10 lbm Kol-Seal, 0.4 % Halad(R)-9, 2 % Bentonite, 0.25 lbm Poly-E-Flake, 0.2 % CFR-3.

*Remarks

CEMENTING COMPANY

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the cementing of casing in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing data only.

Signature of Cementer or Authorized Representative

Name & Title Printed or Typed

SCOTTY WALTON, Service Supervisor

Halliburton Energy Services

Address

701 Dispensary RD.

City

Burns Flat

State: **Oklahoma** | Zip: **73624**

Telephone (AC) Number

580-562-1500

Date

12/2/2012

OPERATOR

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well data and information presented herein.

Signature of Operator or Authorized Representative

*Name & Title Printed or Typed

*Operator

*Address

*City

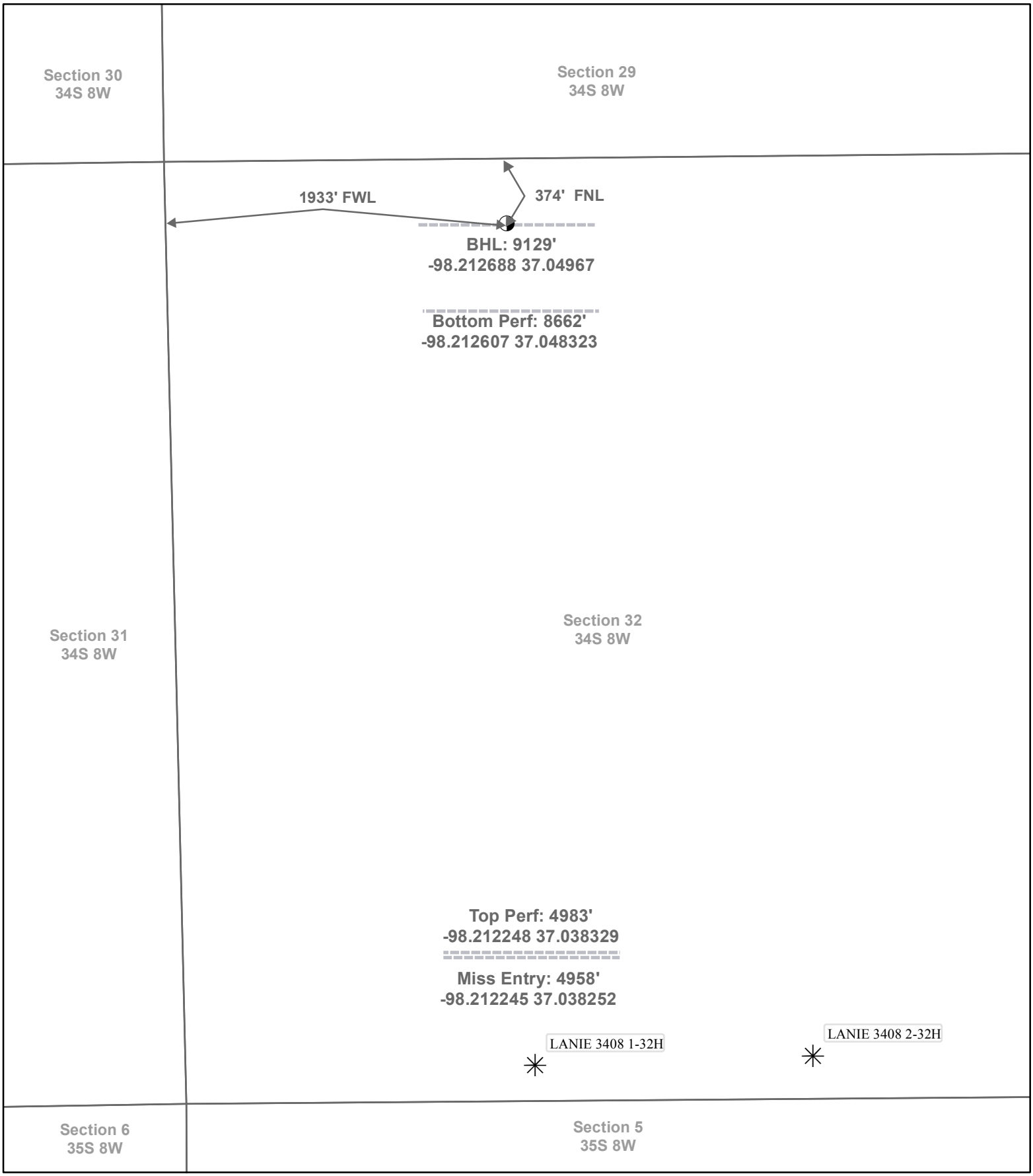
*State | *Zip

*Telephone (AC) Number

*Date

INSTRUCTIONS

1. A) This form shall be filed by the operator, at the O.C.C. office in Oklahoma City, as an attachment to the Completion Report (Form 1002A) for a producing well or a dry hole.
   B) An original of this form shall be filed as an attachment to the Completion Report, (Form 1002A), for each cementing company used on a well.
   C) The cementing of different casing strings on a well by one cementing company may be consolidated on one form.
2. Cementing Company and Operator shall comply with the applicable portions of OAC 165:10-3-4(h).
3. Set surface casing 50 feet below depth of treatable water to be protected and cement from casing shoe to ground surface or as allowed by OAC 165:10-3-4(h).
4. **IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, BE SURE TO FOLLOW CORPORATION COMMISSION RULES.**



SANDRIDGE
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Lanie 3408 1-32H
Harper County, Kansas
T&R: 34S 8W
Section: 32, 1933' FWL & 374' FNL
Long/Lat:-98.212688 37.04967

1 in = 719 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 3/5/2013
Drawing Name/Number: Addendum_Lanie 3408 1-32H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date	12/23/2012
State:	KS
County:	Harper
API Number:	15-077-21893
Operator Name:	SandRidge Expl. & Prod., LLC
Well Name and Number:	Lanie 3406 1-32H
Longitude:	-98.2118
Latitude:	37.0365
Long/Lat Projection:	NAD27
Production Type:	Oil
True Vertical Depth (TVD):	4,712
Total Water Volume (gal)*:	1,434,197

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	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Biocide, Surfactant , Acid, Iron Control Agent, Propping Agent	Water (Including Mix Water Supplied by Client)*	-		95.16316%	
			Crystalline silica	14808-60-7	95.69950%	4.62883%	
			Hydrochloric acid	7647-01-0	2.86276%	0.13847%	
			Methanol	67-56-1	0.48286%	0.02336%	
			Distillates (petroleum), hydrotreated light	64742-47-8	0.42097%	0.02036%	
			Alcohol, C11 linear, ethoxylated	34398-01-1	0.26589%	0.01286%	
			Alcohol, C9-C11, Ethoxylated	68439-46-3	0.26589%	0.01286%	
			Aliphatic acids	Proprietary	0.09567%	0.00463%	
			Aliphatic alcohols, ethoxylated #2	Proprietary	0.09567%	0.00463%	
			Glutaraldehyde	111-30-8	0.07884%	0.00381%	
			Prop-2-yn-1-ol	107-19-7	0.03189%	0.00154%	
			Sodium erythorbate	6381-77-7	0.02712%	0.00131%	
			Trisodium ortho phosphate	7601-54-9	0.02675%	0.00129%	
			Ethane-1,2-diol	107-21-1	0.02675%	0.00129%	
			Aliphatic alcohol glycol ether	Proprietary	0.02105%	0.00102%	
			Alkyl(c12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.01408%	0.00068%	
			Ethanol	64-17-5	0.00169%	0.00008%	
			2-propenamid	79-06-1	< 0.00001%	< 0.00001%	

* 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%

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