



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1214279
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1214279

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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 <i>(Amount and Kind of Material Used)</i>	Depth

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

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Myra 3406 4-8H
Doc ID	1214279

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	4898-4900	Kiel Slickwater Frac - See Report	4898-9084
5	4998-5000		
5	5098-5100		
5	5313-5315		
5	5376-5378		
5	5436-5438		
5	5540-5542		
5	5593-5595		
5	5668-5670		
5	5738-5740		
5	5793-5795		
5	5850-5852		
5	5880-5882		
5	5968-5970		
5	6030-6032		
5	6098-6100		
5	6153-6155		
5	6233-6235		
5	6298-6300		
5	6360-6362		
5	6406-6408		
5	6478-6480		
5	6603-6605		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Myra 3406 4-8H
Doc ID	1214279

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6676-6678		
5	6792-6794		
5	6862-6864		
5	6930-6933		
5	7013-7015		
5	7068-7070		
5	7141-7143		
5	7202-7204		
5	7322-7324		
5	7403-7405		
5	7470-7472		
5	7533-7535		
5	7700-7702		
5	7796-7798		
5	7814-7816		
5	7906-7908		
5	7916-7918		
5	8038-8040		
5	8136-8138		
5	8208-8210		
5	8272-8274		
5	8330-8332		
5	8433-8435		
5	8500-8502		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Myra 3406 4-8H
Doc ID	1214279

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8570-8572		
5	8628-8630		
5	8685-8687		
5	8738-8740		
5	8798-8800		
5	8876-8878		
5	8970-8972		
5	9030-9032		
5	9082-9084		

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/28/2014
Job End Date:	5/1/2014
State:	Kansas
County:	Harper
API Number:	15-077-22030-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Myra 3406 4-8H
Longitude:	-97.98603000
Latitude:	37.10817000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	4,619
Total Base Water Volume (gal):	2,758,392
Total Base Non Water Volume:	0



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
Water	Operator	Carrier					
			Water	7732-18-5	100.00000	95.76595	
Sand, Brown (40/70)	Baker Hughes	Proppant					
			Crystalline Silica: Quartz (SiO2)	14808-60-7	100.00000	3.09663	
HCl, 10.1 - 15%	Baker Hughes	Acidizing					
			Water	7732-18-5	85.00000	0.62616	SmartCare Product
			Hydrochloric Acid	7647-01-0	15.00000	0.11050	SmartCare Product
Preferred Garnet RC 40/70	Baker Hughes	Proppant					
			Crystalline Silica (Quartz)	14808-60-7	100.00000	0.17672	
			Castor Oil	8001-79-4	5.00000	0.00884	
FRW-15A, tote	Baker Hughes	Friction Reducer					
			Contains non-hazardous ingredients that are shown in the non-MSDS section of this report.	NA	100.00000	0.07232	SmartCare Product
NE-900, tote	Baker Hughes	Non-emulsifier					
			Methanol	67-56-1	30.00000	0.01337	SmartCare Product
			Nonyl phenyl polyethylene glycol ether	9016-45-9	10.00000	0.00446	SmartCare Product
Scaletrol 7208, 330 gal tote	Baker Hughes	Scale Inhibitor					
			Ethylene Glycol	107-21-1	30.00000	0.00752	

Ferrotrol 300L (Totes)	Baker Hughes	Iron Control					
			Citric Acid	77-92-9	60.00000	0.00223	SmartCare Product
CI-27 (260 gal tote)	Baker Hughes	Corrosion Inhibitor					
			Methanol	67-56-1	60.00000	0.00032	
			Polyoxyalkylenes	Trade Secret	30.00000	0.00016	
			Fatty Acids	Trade Secret	30.00000	0.00016	
			Thiourea Polymer	68527-49-1	30.00000	0.00016	
			Propargyl Alcohol	107-19-7	10.00000	0.00005	
			Olefin	Trade Secret	5.00000	0.00003	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					
			Water	7732-18-5		0.03751	
			Copolymer of Acrylamide and Sodium Acrylate	25987-30-8		0.02893	
			Hydrotreated Light Distillate	64742-47-8		0.02170	
			Copolymer	Trade Secret		0.01782	
			Sorbitan Monooleate	1338-43-8		0.00362	
			Nonyl Phenol Ethoxylate	127087-87-0		0.00362	
			Diethylene Glycol	111-46-6		0.00125	
			Sodium Chloride	7647-14-5		0.00000	
			Formaldehyde	50-00-0		0.00000	
			Calcium Chloride	10043-52-4			
			Polyacrylate	Trade Secret			
			2-Propenoic, Polymer with Sodium Phosphinate, Sodium Salt	71050-62-9			
			Potassium Chloride	7447-40-7			

* 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%

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)



SandRidge Energy
Myra #3406 4-8-H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well Myra #3406 4-8-H Intermediate Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3000 psi. After a successful test we began the job by pumping 30 bbls of preflush spacer. We then mixed and pumped the following cements:

60 Bbls (240 sacks) of 13.6 ppg Lead slurry:
50:50 Class A:Poz Blend - 1.4 Yield
2.0% Gel
0.4% FL-160
0.1% SA-51

21Bbls (100 sacks) of 15.6 ppg Tail slurry:
Class A - 1.18 Yield
0.8% FL-160
0.2% CD-31

The top plug was then released and displaced with 201.75 of fresh water. The plug bumped and pressured up to 1500 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



SandRidge Energy
Myra #3406 4-8H
Harper County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you for the award of the provision of cementing products and services on the well Myra #3406 4-8 H Surface Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3000 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

70 Bbls (210 sacks) of 12.7 ppg Lead slurry:
65:35 Class A:Poz Blend - 1.87 Yield
6.0% Gel
2.0%cc
¼# Floseal

32 Bbls (215 sacks) of 15.6 ppg Tail slurry:
Class A - 1.20 Yield
2.0%cc
¼# Floseal

The top plug was then released and displaced with 108 of fresh water. The plug bumped and pressured up to 1100 psi. Pressure was released and floats held. 90 sacks of cement circulated to surface.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestion are greatly appreciated, to help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs

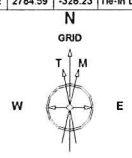
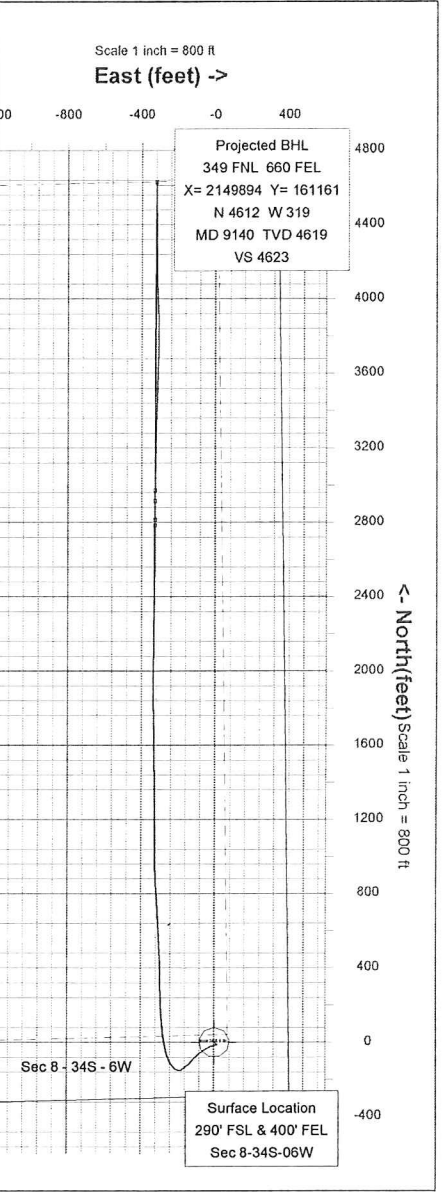
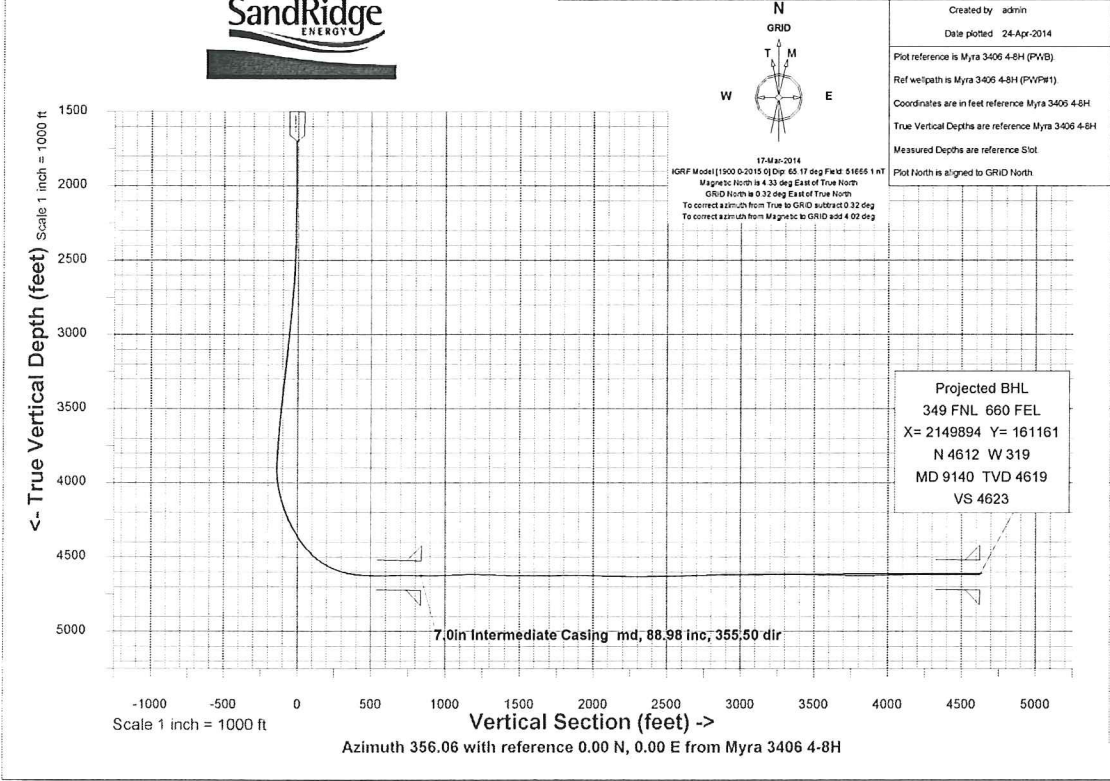
Sandridge

WELL PROFILE DATA

Location	Kansas	Slot	Myra 3406 4-8H
Field	Sec 8 - 34S - 6W	Well	Myra 3406 4-8H
Installation	Myra 3406 4-8H	Wellbore	Myra 3406 4-8H (PWB)
Installation Data			
Name	Latitude	Longitude	Northing
Myra 3406 4-8H	N37 5 40.88	W97 59 1.08	156268.00
Coordinate System			
Kansas State Planes, Southern Zone			
Slot Data			
Name	North [ft]	East [ft]	Latitude
Myra 3406 4-8H	280.99 N	-403.99 E	N37 5 43.68
Elevation Data			
Slot - Mean Sea Level [ft]	Mean Sea Level - Mudline/Ground level [ft]	Slot - Mudline/Ground level [ft]	
1346.00	-1328.00	18.00	

Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
KOP	7312.00	91.70	359.70	4621.12	2784.59	-326.23	0.00	2800.43
Target Hold Section	7342.44	91.40	0.23	4620.30	2815.02	-326.25	2.00	2830.79
Target Drop w/ 2" BRN	7442.00	91.40	0.23	4617.87	2914.55	-325.85	0.00	2930.05
Target Hold Section	7499.50	90.25	0.23	4617.04	2972.04	-325.62	2.00	2987.39
T.D. & Target PBHL Myra	9158.32	90.25	0.23	4609.75	4628.83	-318.99	0.00	4639.81

MD	Inc	Azi	TVD	North	East	Name	Position
9158.32	90.25	0.23	4609.75	4628.83	-318.99	PBHL Myra 3406 4-8H	2149894.00 East : 161178.00 North
7499.50	90.25	0.23	4617.04	2972.04	-325.62	Hold Section	2149887.37 East : 159521.15 North
7442.00	91.40	0.23	4617.87	2914.55	-325.85	Drop w/ 2" BRN	2149887.14 East : 159463.65 North
7342.44	91.40	0.23	4620.30	2815.02	-326.25	Hold Section	2149886.74 East : 159364.12 North
-	-	-	4621.12	2784.59	-326.23	Tie-In Drop & Turn w/ 2" BRN	2149886.76 East : 159333.69 North



Company:	Sandridge	Customer Rep	Position	Directional Driller	MWD Operator
Well Name:	Myra 3406 4-8H			Mike Foster	
Legals:	Sec: 8 Township: 34S Range:			Scott Graham	
County/State:	Harper KS				
Rig Name:	Lariat 20				

Myra 3406 4-8H Surveys												
Type	M Depth	Incl.	Azimuth	TVD	North	East	V Section	Dogleg	B Rate	T Rate	Clos Azi	Clos Dist
TieInPoint	0	0	0	0	0	0	0	0	0	0	0	0
Survey	708	0.5	95.7	707.99	-0.31	3.07	-0.52	0.07	0.07	13.52	95.77	3.09
Survey	959	0.9	134.1	958.97	-1.79	5.58	-2.17	0.24	0.16	15.3	107.79	5.86
Survey	1179	1.1	137.9	1178.94	-4.56	8.24	-5.12	0.1	0.09	1.73	118.96	9.42
Survey	1463	0.9	120.8	1462.9	-7.72	11.98	-8.52	0.13	0.07	6.02	122.8	14.25
Survey	1737	0.6	102.1	1736.87	-9.12	15.23	-10.14	0.14	0.11	6.82	120.91	17.75
Survey	2014	0.5	110.3	2013.86	-9.85	17.78	-11.05	0.05	0.04	2.96	118.99	20.33
Survey	2105	0.4	134.9	2104.86	-10.21	18.38	-11.45	0.24	0.11	27.03	119.05	21.03
Survey	2198	1.7	225.3	2197.84	-11.41	17.63	-12.59	1.88	1.4	97.2	122.91	21
Survey	2290	3.2	249.6	2289.76	-13.26	14.25	-14.21	1.95	1.63	26.41	132.94	19.47
Survey	2381	5	257.4	2380.52	-15.01	8	-15.52	2.07	1.98	8.57	151.94	17.01
Survey	2473	6.4	254.6	2472.07	-17.25	-0.86	-17.15	1.55	1.52	3.04	182.85	17.27
Survey	2564	8.7	247.6	2562.27	-21.22	-12.11	-20.34	2.72	2.53	7.69	209.71	24.43
Survey	2655	10.9	241.7	2651.94	-27.92	-26.05	-26.06	2.65	2.42	6.48	223.02	38.19
Survey	2746	10.7	239.4	2741.33	-36.3	-40.9	-33.4	0.52	0.22	2.53	228.41	54.69
Survey	2837	9.9	236.8	2830.86	-44.89	-54.72	-41.02	1.02	0.88	2.86	230.64	70.78
Survey	2931	9.4	233.3	2923.53	-53.9	-67.63	-49.13	0.82	0.53	3.72	231.45	86.48
Survey	3025	9.1	231.8	3016.31	-63.08	-79.63	-57.46	0.41	0.32	1.6	231.62	101.59
Survey	3119	9.2	229.7	3109.12	-72.54	-91.2	-66.1	0.37	0.11	2.23	231.5	116.53
Survey	3214	8.7	223.8	3202.96	-82.64	-101.97	-75.44	1.1	0.53	6.21	230.98	131.25
Survey	3308	8.1	221.1	3295.95	-92.76	-111.24	-84.9	0.76	0.64	2.87	230.18	144.84
Survey	3403	10.2	223.7	3389.74	-103.89	-121.46	-95.3	2.25	2.21	2.74	229.46	159.83
Survey	3498	9.4	228.1	3483.35	-115.15	-133.04	-105.74	1.15	0.84	4.63	229.12	175.95
Survey	3592	9.3	234.6	3576.11	-124.68	-144.95	-114.43	1.13	0.11	6.91	229.3	191.2
Survey	3687	8.4	229	3669.98	-133.68	-156.44	-122.61	1.31	0.95	5.89	229.49	205.78
Survey	3781	8.7	239.9	3762.94	-141.75	-167.78	-129.89	1.75	0.32	11.6	229.81	219.64
Survey	3812	8.2	238.4	3793.6	-144.08	-171.69	-131.94	1.76	1.61	4.84	230	224.14
Survey	3844	7.8	238	3825.29	-146.43	-175.47	-134.03	1.26	1.25	1.25	230.15	228.54
Survey	3875	8.3	246.3	3855.98	-148.44	-179.3	-135.77	4.08	1.61	26.77	230.38	232.77
Survey	3907	9	259.3	3887.62	-149.83	-183.88	-136.84	6.47	2.19	40.63	230.83	237.19
Survey	3938	9.6	271.3	3918.22	-150.23	-188.85	-136.9	6.53	1.94	38.71	231.5	241.32
Survey	3970	10.7	280.5	3949.72	-149.62	-194.44	-135.91	6.11	3.44	28.75	232.42	245.34
Survey	4001	12.2	291	3980.11	-147.93	-200.32	-133.82	8.27	4.84	33.87	233.56	249.02
Survey	4033	14.2	299.9	4011.26	-144.76	-206.88	-130.2	8.89	6.25	27.81	235.02	252.5
Survey	4064	16.2	306.9	4041.18	-140.26	-213.64	-125.25	8.75	6.45	22.58	236.71	255.57
Survey	4096	18.3	314.6	4071.74	-134.06	-220.79	-118.57	9.68	6.56	24.06	238.73	258.3
Survey	4127	18.5	320.9	4101.16	-126.82	-227.36	-110.9	6.44	0.65	20.32	240.85	260.34
Survey	4159	18.6	325.6	4131.5	-118.67	-233.44	-102.35	4.68	0.31	14.69	243.05	261.87
Survey	4190	20.4	329.3	4160.72	-109.94	-238.99	-93.26	7.04	5.81	11.94	245.3	263.06
Survey	4222	21.4	335.5	4190.62	-99.83	-244.26	-82.81	7.58	3.13	19.37	247.77	263.87
Survey	4253	22.8	339.4	4219.34	-89.06	-248.72	-71.76	6.54	4.52	12.58	250.3	264.18
Survey	4285	24.2	344.2	4248.69	-76.95	-252.69	-59.41	7.41	4.38	15	253.06	264.15
Survey	4317	25.3	346.7	4277.75	-63.98	-256.05	-46.24	4.74	3.44	7.81	255.97	263.92
Survey	4348	26.6	346.7	4305.62	-50.78	-259.17	-32.85	4.19	4.19	0	258.91	264.1
Survey	4380	29.4	347.8	4333.88	-36.13	-262.48	-18.01	8.9	8.75	3.44	262.16	264.95
Survey	4411	32.3	349	4360.49	-20.56	-265.67	-2.26	9.56	9.35	3.87	265.57	266.46
Survey	4443	35	349.9	4387.12	-3.13	-268.91	15.35	8.58	8.44	2.81	269.33	268.93
Survey	4475	38.5	350.6	4412.76	15.74	-272.15	34.4	11.02	10.94	2.19	273.31	272.6
Survey	4506	41.9	352	4436.43	35.52	-275.16	54.34	11.35	10.97	4.52	277.36	277.44
Survey	4538	44.3	353.4	4459.8	57.2	-277.94	76.16	8.07	7.5	4.38	281.63	283.76
Survey	4569	47.5	354.3	4481.37	79.33	-280.32	98.4	10.53	10.32	2.9	285.8	291.33
Survey	4601	50.7	354.9	4502.32	103.41	-282.59	122.58	10.1	10	1.88	290.1	300.92
Survey	4632	54.1	355.4	4521.23	127.88	-284.66	147.14	11.04	10.97	1.61	294.19	312.07
Survey	4664	57.4	356.5	4539.24	154.26	-286.53	173.58	10.7	10.31	3.44	298.3	325.42
Survey	4695	61.1	357.3	4555.08	180.86	-287.96	200.22	12.14	11.94	2.58	302.13	340.05
Survey	4727	64.5	358.4	4569.71	209.3	-289.03	228.67	11.06	10.63	3.44	305.91	356.85
Survey	4759	67.5	358.9	4582.72	238.52	-289.71	257.86	9.48	9.38	1.56	309.46	375.26
Survey	4791	71.2	358.4	4594.01	268.45	-290.42	287.77	11.65	11.56	1.56	312.75	395.49
Survey	4823	74.9	358.5	4603.33	299.04	-291.25	318.35	11.57	11.56	0.31	315.76	417.43
Survey	4854	78.9	358.4	4610.36	329.22	-292.06	348.51	12.91	12.9	0.32	318.42	440.1
Survey	4886	81.3	358.5	4615.86	360.73	-292.92	380	7.51	7.5	0.31	320.92	464.68
Survey	4917	83.1	358.7	4620.07	391.43	-293.67	410.68	5.84	5.81	0.65	323.12	489.35
Survey	4949	85.9	358.1	4623.13	423.27	-294.56	442.51	8.95	8.75	1.87	325.17	515.68
Survey	4980	87.6	358.5	4624.89	454.2	-295.47	473.43	5.63	5.48	1.29	326.95	541.85
Survey	5012	89.2	357.5	4625.79	486.17	-296.59	505.4	5.9	5	3.12	328.61	569.5
Survey	5043	89.9	357.4	4626.03	517.14	-297.97	536.39	2.28	2.26	0.32	330.05	596.84
Survey	5075	90	358.9	4626.06	549.1	-299.56	568.39	1.59	0.31	1.56	331.39	625.5
Survey	5107	90.4	356.8	4625.94	581.05	-301.32	600.38	1.29	1.25	0.31	332.59	654.53

Survey	5138	91.1	356.4	4625.54	611.99	-303.16	631.37	2.6	2.26	1.29	333.65	682.96
Survey	5170	91	356.5	4624.95	643.92	-305.14	663.36	0.44	0.31	0.31	334.64	712.56
Survey	5201	90.3	356.6	4624.6	674.87	-307	694.37	2.28	2.26	0.32	335.54	741.42
Survey	5232	90.2	356.5	4624.47	705.81	-308.87	725.36	0.46	0.32	0.32	336.37	770.43
Survey	5264	90.7	357.3	4624.21	737.76	-310.6	757.36	2.95	1.56	2.5	337.17	800.48
Survey	5284	90.1	357.3	4624.07	757.74	-311.54	777.36	3	3	0	337.65	819.28
Survey	5307	88.8	356.6	4624.29	780.71	-312.76	800.36	6.42	5.65	3.04	338.17	841.03
Survey	5371	89.1	354.8	4625.46	844.51	-317.56	864.33	2.85	0.47	2.81	339.39	902.24
Survey	5464	91.6	358.9	4624.9	937.35	-322.67	957.31	5.16	2.69	4.41	341	991.33
Survey	5553	92.8	0.5	4621.48	1026.27	-323.14	1046.05	2.25	1.35	1.8	342.52	1075.94
Survey	5646	91.2	359	4618.23	1119.21	-323.54	1138.8	2.36	1.72	1.61	343.88	1165.04
Survey	5738	89.2	359.5	4617.91	1211.2	-324.75	1230.65	2.24	2.17	0.54	344.99	1253.98
Survey	5828	88.5	359.8	4619.72	1301.18	-325.3	1320.46	0.85	0.78	0.33	345.96	1341.23
Survey	5922	88	359.2	4622.59	1395.13	-326.12	1414.24	0.83	0.53	0.64	346.84	1432.74
Survey	6013	88.5	359.3	4625.37	1486.08	-327.31	1505.06	0.56	0.55	0.11	347.58	1521.7
Survey	6106	89.6	359.3	4626.91	1579.06	-328.44	1597.9	1.18	1.18	0	348.25	1612.86
Survey	6199	92.4	358.8	4625.29	1672.02	-329.98	1690.74	3.06	3.01	0.54	348.84	1704.27
Survey	6290	90.6	359.1	4622.91	1762.97	-331.65	1781.59	2.01	1.98	0.33	349.35	1793.89
Survey	6382	88.7	359.2	4623.47	1854.95	-333.01	1873.45	2.07	2.07	0.11	349.82	1884.6
Survey	6473	89.5	359.4	4624.9	1945.93	-334.12	1964.29	0.91	0.88	0.22	350.26	1974.41
Survey	6564	87.9	0.8	4626.96	2036.91	-333.96	2055.04	2.34	1.76	1.54	350.69	2064.11
Survey	6655	87.8	0.8	4630.38	2127.83	-332.7	2145.66	0.11	0.11	0	351.11	2153.68
Survey	6745	89.2	0.5	4632.73	2217.79	-331.67	2235.34	1.59	1.56	0.33	351.49	2242.45
Survey	6840	90.6	0.9	4632.9	2312.78	-330.51	2330.02	1.53	1.47	0.42	351.87	2336.28
Survey	6934	91.5	0.7	4631.18	2406.76	-329.2	2423.69	0.98	0.96	0.21	352.21	2429.17
Survey	7028	92.4	0.6	4627.98	2500.7	-328.14	2517.34	0.96	0.96	0.11	352.52	2522.14
Survey	7123	91.2	1.1	4624.99	2595.64	-326.73	2611.96	1.37	1.26	0.53	352.83	2616.12
Survey	7218	90.9	359.9	4623.25	2690.62	-325.9	2706.65	1.3	0.32	1.26	353.09	2710.29
Survey	7312	91.7	359.7	4621.12	2784.59	-326.23	2800.42	0.88	0.85	0.21	353.32	2803.63
Survey	7382	92.2	359.8	4618.74	2854.55	-326.54	2870.24	0.73	0.71	0.14	353.47	2873.17
Survey	7477	92	0.3	4615.26	2949.49	-326.46	2964.95	0.57	0.21	0.53	353.68	2967.5
Survey	7570	89.7	1.2	4613.88	3042.46	-325.24	3057.62	2.66	2.47	0.97	353.9	3059.79
Survey	7666	89.3	1.4	4614.72	3138.43	-323.06	3153.21	0.47	0.42	0.21	354.12	3155.01
Survey	7760	89.6	1.7	4615.62	3232.39	-320.52	3246.77	0.45	0.32	0.32	354.34	3248.24
Survey	7854	89.3	1.9	4616.52	3326.34	-317.57	3340.3	0.38	0.32	0.21	354.55	3341.47
Survey	7949	89	1.6	4617.93	3421.29	-314.66	3434.82	0.45	0.32	0.32	354.75	3435.73
Survey	8043	88.5	1.9	4619.98	3515.22	-311.79	3528.34	0.62	0.53	0.32	354.93	3529.02
Survey	8138	88.3	1.7	4622.64	3610.13	-308.81	3622.82	0.3	0.21	0.21	355.11	3623.31
Survey	8233	89.3	0.7	4624.63	3705.09	-306.82	3717.42	1.49	1.05	1.05	355.27	3717.77
Survey	8328	89.7	0.3	4625.46	3800.08	-305.99	3812.12	0.6	0.42	0.42	355.4	3812.38
Survey	8424	91.4	358.1	4624.53	3896.06	-307.33	3907.97	2.9	1.77	2.29	355.49	3908.16
Survey	8518	91.2	358.5	4622.4	3989.99	-310.12	4001.87	0.48	0.21	0.43	355.56	4002.02
Survey	8613	91.8	358.2	4619.91	4084.92	-312.85	4096.76	0.71	0.63	0.32	355.62	4096.88
Survey	8708	90.1	359.7	4618.34	4179.88	-314.59	4191.62	2.39	1.79	1.58	355.7	4191.7
Survey	8802	90	359.5	4618.26	4273.88	-315.25	4285.44	0.24	0.11	0.21	355.78	4285.49
Survey	8897	89.5	359.5	4618.67	4368.88	-316.08	4380.27	0.53	0.53	0	355.86	4380.3
Survey	8992	90.3	359.2	4618.84	4463.87	-317.16	4475.11	0.9	0.84	0.32	355.94	4475.12
Survey	9087	89.7	359.3	4618.84	4558.86	-318.4	4569.96	0.64	0.63	0.11	356	4569.97
PrjCalcPnt	9140	89.7	359.3	4619.12	4611.86	-319.05	4622.88	0	0	0	356.04	4622.88



INVOICE

DATE	INVOICE #
3/19/2014	4634

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

REMIT TO
EDGE SERVICES, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
HARPER, KS	3/17/2014	3529	LARIAT 20	MYRA 3406 4-8H	Due on rec...

Description			
DRILLED 80' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 80' OF 20" CONDUCTOR PIPE FURNISHED WELDER AND MATERIALS FURNISHED 8 YARDS OF 10 SACK GROUT FOR CONDUCTOR HOLE FURNISHED 4 YARDS OF 10 SACK GROUT FOR MOUSE HOLE DRILL MOUSE HOLE FURNISHED 80' OF 16" CONDUCTOR PIPE TOTAL BID \$17,158.79			
<table border="1"> <tr> <td>Sales Tax (6.15%)</td> <td>\$158.79</td> </tr> </table>		Sales Tax (6.15%)	\$158.79
Sales Tax (6.15%)	\$158.79		

TOTAL	\$17,158.79
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