



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1157160
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: _____



1157160

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

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. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Myra 3406 3-8H
Doc ID	1157160

All Electric Logs Run

Final Mud Log
Prizm Log
Resistivity
Porosity
Boresight

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Myra 3406 3-8H
Doc ID	1157160

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8713-8956	36 bbls 15% HCL, 5719 bbls slickwater, TLTR 6592 bbls	
5	8275-8614	36 bbls 15% HCL, 5767 bbls slickwater, TLTR 12417 bbls	
5	7970-8200	36 bbls 15% HCL, 5747 bbls slickwater, TLTR 17539 bbls	
5	7632-7896	36 bbls 15% HCL, 5743 bbls slickwater, TLTR 22408 bbls	
5	7270-7534	36 bbls 15% HCL, 5562 bbls slickwater, TLTR 27511 bbls	
5	6897-7178	36 bbls 15% HCL, 5630 bbls slickwater, TLTR 32874 bbls	
5	6598-6846	36 bbls 15% HCL, 5581 bbls slickwater, TLTR 38202 bbls	
5	6250-6520	36 bbls 15% HCL, 5656 bbls slickwater, TLTR 43586 bbls	
5	5762-6150	36 bbls 15% HCL, 5600 bbls slickwater, TLTR 48779 bbls	
5	5388-5676	36 bbls 15% HCL, 4827 bbls slickwater, TLTR 53259 bbls	

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

September 04, 2013

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

Re: ACO1
API 15-077-21960-01-00
Myra 3406 3-8H
SE/4 Sec.08-34S-06W
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

Standard Wellpath Report
 Sandridge
 Sec 8 - 34S - 6W, Kansas
 Harper County
 Wellbore: Myra 3406 3-8H (Actual)

Wellbore

Name	Created	Last Revised
Myra 3406 3-8H (Actual)	19-Aug-2013	3-Sep-2013

Well

Name	Government ID	Last Revised
Myra 3406 3-8H		19-Aug-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Myra 3406 3-8H	156446.0000	2148634.0000	N37 5 42.7433	W97 59 25.5455	177.99N	1982.93W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2150617.0000	156268.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 8 - 34S - 6W	2150617.0000	156268.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

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Comments

<p>FINAL SURVEYS: MD 9000 is a projection to bit @ TD</p>
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Standard Wellpath Report
Sandridge
Sec 8 - 34S - 6W, Kansas
Harper County
Wellbore: Myra 3406 3-8H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2148634.00	156446.00
722.00	0.70	117.400	721.98	2.03S	3.92E	0.10	-2.08	2148637.92	156443.97
967.00	1.10	138.500	966.95	4.48S	6.80E	0.21	-4.57	2148640.80	156441.52
1242.00	0.60	208.600	1241.93	7.72S	7.86E	0.38	-7.82	2148641.86	156438.28
1708.00	0.30	250.100	1707.91	10.28S	5.55E	0.09	-10.35	2148639.55	156435.72
2184.00	1.00	245.300	2183.88	12.44S	0.60E	0.15	-12.44	2148634.60	156433.56
2658.00	0.50	185.700	2657.84	16.22S	3.36W	0.18	-16.18	2148630.64	156429.77
3132.00	0.30	203.300	3131.83	19.42S	4.06W	0.05	-19.37	2148629.94	156426.58
3609.00	0.60	190.700	3608.82	23.02S	5.02W	0.07	-22.96	2148628.98	156422.98
3799.00	0.60	179.100	3798.81	25.00S	5.18W	0.06	-24.93	2148628.82	156421.00
3831.00	0.20	258.400	3830.81	25.17S	5.24W	1.86	-25.11	2148628.76	156420.82
3862.00	2.00	337.600	3861.80	24.69S	5.50W	6.36	-24.61	2148628.50	156421.31
3894.00	4.60	348.500	3893.74	22.91S	5.96W	8.32	-22.83	2148628.04	156423.09
3925.00	6.90	1.000	3924.59	19.83S	6.18W	8.41	-19.75	2148627.82	156426.17
3957.00	9.30	359.700	3956.27	15.32S	6.16W	7.52	-15.24	2148627.84	156430.68
3988.00	11.20	357.500	3986.77	9.81S	6.30W	6.26	-9.73	2148627.70	156436.19
4020.00	13.20	358.700	4018.04	3.05S	6.52W	6.30	-2.97	2148627.48	156442.95
4052.00	16.20	359.100	4048.99	5.07N	6.68W	9.38	5.15	2148627.32	156451.07
4083.00	18.50	359.900	4078.58	14.31N	6.75W	7.46	14.39	2148627.25	156460.31
4115.00	20.50	1.800	4108.74	24.99N	6.58W	6.56	25.07	2148627.41	156470.99
4146.00	23.10	360.000	4137.53	36.50N	6.41W	8.66	36.58	2148627.59	156482.50
4178.00	25.30	358.900	4166.71	49.61N	6.55W	7.02	49.69	2148627.45	156495.61
4209.00	27.60	357.900	4194.47	63.41N	6.94W	7.56	63.50	2148627.06	156509.42
4241.00	29.50	357.400	4222.57	78.69N	7.57W	5.98	78.78	2148626.43	156524.70
4272.00	31.30	357.300	4249.31	94.36N	8.29W	5.81	94.46	2148625.71	156540.37
4304.00	33.60	358.000	4276.31	111.52N	8.99W	7.28	111.62	2148625.01	156557.52
4336.00	36.20	358.200	4302.55	129.81N	9.60W	8.13	129.93	2148624.40	156575.82
4367.00	39.10	358.600	4327.10	148.74N	10.12W	9.39	148.86	2148623.88	156594.75
4399.00	41.00	358.800	4351.59	169.33N	10.59W	5.95	169.45	2148623.41	156615.33
4431.00	42.80	0.300	4375.41	190.69N	10.75W	6.44	190.82	2148623.25	156636.70
4462.00	45.10	0.300	4397.72	212.21N	10.64W	7.42	212.33	2148623.36	156668.21
4494.00	47.50	0.300	4419.83	235.34N	10.52W	7.50	235.45	2148623.48	156681.35
4526.00	49.60	359.900	4441.01	259.32N	10.48W	6.63	259.44	2148623.52	156705.33
4557.00	51.10	359.900	4460.79	283.19N	10.52W	4.84	283.30	2148623.48	156729.20
4589.00	54.00	359.900	4480.25	308.59N	10.56W	9.06	308.70	2148623.43	156754.60
4620.00	56.60	0.600	4497.90	334.08N	10.45W	8.59	334.18	2148623.55	156780.09
4652.00	59.20	359.500	4514.90	361.18N	10.43W	8.63	361.29	2148623.57	156807.19
4683.00	62.50	0.100	4530.00	388.25N	10.52W	10.78	388.35	2148623.48	156834.27
4715.00	65.70	0.200	4543.97	417.03N	10.45W	10.00	417.13	2148623.55	156863.05
4747.00	68.40	360.000	4556.45	446.50N	10.40W	8.46	446.59	2148623.60	156892.51
4778.00	70.90	360.000	4567.23	475.56N	10.40W	8.06	475.65	2148623.60	156921.58
4810.00	73.30	1.200	4577.06	506.01N	10.08W	8.31	506.09	2148623.92	156952.02
4842.00	75.80	0.800	4585.59	536.84N	9.54W	7.90	536.92	2148624.46	156982.86
4873.00	78.30	359.800	4592.54	567.05N	9.38W	8.66	567.12	2148624.62	157013.07
4905.00	80.40	0.600	4598.45	598.50N	9.27W	7.01	598.57	2148624.73	157044.52
4937.00	82.10	0.400	4603.32	630.12N	9.00W	5.35	630.19	2148625.00	157076.15
4969.00	83.30	1.200	4607.38	661.86N	8.55W	4.50	661.92	2148625.45	157107.88
5000.00	85.70	1.300	4610.35	692.71N	7.88W	7.75	692.75	2148626.12	157138.73
5032.00	87.40	0.600	4612.28	724.64N	7.35W	5.74	724.68	2148626.65	157170.67
5063.00	87.90	0.600	4613.55	755.62N	7.02W	1.61	755.64	2148626.97	157201.64
5095.00	87.90	0.900	4614.72	787.59N	6.61W	0.94	787.61	2148627.39	157233.62
5127.00	88.50	1.200	4615.73	819.57N	6.02W	2.10	819.58	2148627.98	157265.60
5158.00	89.00	0.500	4616.40	850.56N	5.56W	2.77	850.56	2148628.44	157296.59
5190.00	89.30	0.900	4616.88	882.55N	5.17W	1.56	882.55	2148628.83	157328.59
5213.00	89.50	0.100	4617.12	905.55N	4.97W	3.59	905.54	2148629.03	157351.58
5253.00	90.10	0.600	4617.26	945.55N	4.72W	1.95	945.53	2148629.28	157391.58
5292.00	90.60	1.000	4617.02	984.54N	4.18W	1.64	984.52	2148629.82	157430.58
5362.00	91.50	0.500	4615.74	1054.53N	3.26W	1.47	1054.48	2148630.74	157500.56
5454.00	92.10	1.000	4612.85	1146.47N	2.06W	0.85	1146.41	2148631.94	157592.51
5548.00	90.70	0.800	4610.55	1240.43N	0.58W	1.50	1240.34	2148633.42	157686.47
5638.00	91.00	0.300	4609.22	1330.42N	0.28E	0.65	1330.30	2148634.28	157776.46
5730.00	91.60	359.400	4607.13	1422.39N	0.04E	1.18	1422.27	2148634.04	157868.44
5822.00	91.70	359.000	4604.48	1514.34N	1.25W	0.45	1514.24	2148632.75	157960.40
5915.00	91.40	358.700	4601.97	1607.29N	3.11W	0.46	1607.20	2148630.89	158053.35
6007.00	90.10	358.600	4600.76	1699.25N	5.28W	1.42	1699.18	2148628.72	158145.32
6100.00	90.00	358.100	4600.68	1792.22N	7.96W	0.55	1792.17	2148626.04	158238.28
6191.00	92.20	357.900	4598.93	1883.14N	11.13W	2.43	1883.13	2148622.87	158329.21
6284.00	93.10	358.200	4594.63	1975.98N	14.29W	1.02	1976.01	2148619.71	158422.05
6374.00	93.00	0.700	4589.84	2065.84N	15.15W	2.78	2065.87	2148618.84	158511.92
6467.00	91.00	359.800	4586.60	2158.78N	14.75W	2.36	2158.79	2148619.25	158604.86
6558.00	90.50	358.600	4585.41	2249.76N	16.02W	1.43	2249.78	2148617.98	158695.84
6650.00	90.40	359.400	4584.68	2341.75N	17.63W	0.88	2341.78	2148616.37	158787.83

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Myra 3406 3-8H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 359.270 degrees
Bottom hole distance is 4691.48 Feet on azimuth 359.33 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 3-Sep-2013

Standard Wellpath Report
Sandridge
Sec 8 - 34S - 6W, Kansas
Harper County
Wellbore: Myra 3406 3-8H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6742.00	89.70	359.600	4584.60	2433.74N	18.43W	0.79	2433.78	2148615.57	158879.83
6837.00	90.20	358.800	4584.69	2528.73N	19.75W	0.99	2528.78	2148614.24	158974.82
6932.00	90.30	358.500	4584.27	2623.70N	21.99W	0.33	2623.77	2148612.01	159069.80
7027.00	90.60	358.800	4583.53	2718.67N	24.23W	0.45	2718.76	2148609.77	159164.77
7122.00	91.10	358.500	4582.12	2813.64N	26.47W	0.61	2813.75	2148607.53	159259.74
7217.00	89.80	358.800	4581.37	2908.61N	28.71W	1.40	2908.73	2148605.29	159354.71
7311.00	89.50	358.900	4581.95	3002.58N	30.59W	0.34	3002.73	2148603.41	159448.69
7407.00	90.20	358.200	4582.20	3098.55N	33.02W	1.03	3098.72	2148600.98	159544.66
7501.00	90.40	358.300	4581.70	3192.51N	35.89W	0.24	3192.71	2148598.11	159638.62
7597.00	89.80	358.800	4581.54	3288.48N	38.32W	0.81	3288.70	2148595.68	159734.59
7691.00	90.20	358.800	4581.54	3382.45N	40.29W	0.43	3382.69	2148593.71	159828.58
7786.00	91.20	359.300	4580.38	3477.43N	41.87W	1.18	3477.68	2148592.13	159923.56
7880.00	89.60	359.000	4579.72	3571.42N	43.26W	1.73	3571.68	2148590.74	160017.55
7975.00	89.80	358.500	4580.22	3666.39N	45.33W	0.57	3666.67	2148588.67	160112.53
8069.00	90.10	358.400	4580.30	3760.36N	47.88W	0.34	3760.66	2148586.12	160206.49
8165.00	90.30	359.700	4579.96	3856.34N	49.47W	1.37	3856.66	2148584.53	160302.48
8259.00	90.30	359.300	4579.47	3950.34N	50.29W	0.43	3950.66	2148583.71	160396.48
8354.00	89.40	359.100	4579.72	4045.33N	51.61W	0.97	4045.66	2148582.38	160491.47
8450.00	89.60	0.100	4580.56	4141.32N	52.28W	1.06	4141.65	2148581.71	160587.47
8545.00	89.40	0.300	4581.39	4236.32N	51.95W	0.30	4236.63	2148582.05	160682.47
8640.00	87.90	0.600	4583.63	4331.28N	51.21W	1.61	4331.58	2148582.79	160777.44
8736.00	88.30	359.700	4586.81	4427.23N	50.96W	1.03	4427.52	2148583.04	160873.39
8831.00	88.90	359.000	4589.13	4522.19N	52.03W	0.97	4522.49	2148581.97	160968.36
8927.00	89.70	359.300	4590.30	4618.17N	53.46W	0.89	4618.48	2148580.54	161064.34
8953.00	89.50	358.600	4590.48	4644.17N	53.93W	2.80	4644.48	2148580.06	161090.34
9000.00	89.50	358.600	4590.89	4691.15N	55.08W	==>	4691.47	2148578.92	161137.32

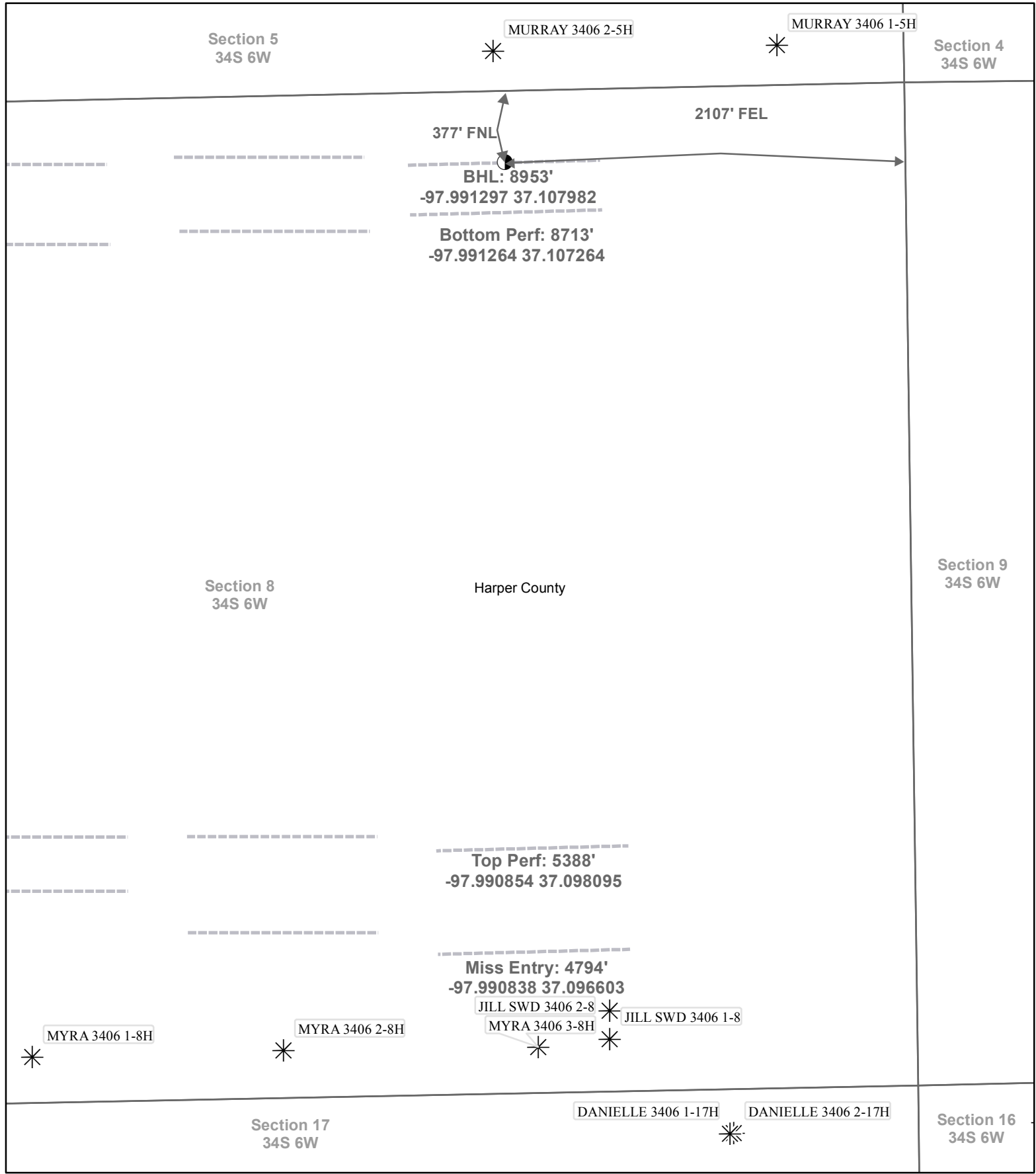
All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Myra 3406 3-8H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 359.270 degrees
Bottom hole distance is 4691.48 Feet on azimuth 359.33 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 3-Sep-2013

Standard Wellpath Report
 Sandridge
 Sec 8 - 34S - 6W, Kansas
 Harper County
 Wellbore: Myra 3406 3-8H (Actual)

Casings

Name	Top MD[ft]	Top TVD[ft]	Top North[ft]	Top East[ft]	Shoe MD[ft]	Shoe TVD[ft]	Shoe North[ft]	Shoe East[ft]	Wellbore
7.0in Intermediate Casing	0.00	0.00	0.00N	0.00E	5230.94	4617.23	923.49N	4.90W	Myra 3406 3-8H (Actual)

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Myra 3406 3-8H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 359.270 degrees
 Bottom hole distance is 4691.48 Feet on azimuth 359.33 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 3-Sep-2013



SANDRIDGE
THE POWER OF US™

Actual Bottom-Hole Location of Myra 3406 3-8H
Harper County, Kansas
T&R: 34S 6W
Section: 8, 2107' FEL & 377' FNL
-97.991297 37.107982

1 in = 667 ft

0 500 1,000 2,000 Feet

Draftsman: Aaron Birk	Draft Date: 12/9/2013
Drawing Name/Number: Addendum_Myra 3406 3-8H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	



INVOICE

DATE	INVOICE #
8/20/2013	4165

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	8/19/2013	3238	UNIT 9	MYRA 3406 3-8 H	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 WELDER AND MATERIALS FURNISHED 11 YARDS OF GRADE A CEMENT DRILL MOUSE HOLE FURNISHED 80' OF 14" CONDUCTOR PIPE FOR MOUSE HOLE TOTAL BID \$ 17,000.00 AFE Number: <u>DC12032</u> Well Name: <u>Myra 3406 3-8 H</u> Code: <u>850.010</u> Amount: <u>17,000.00</u> Co. Man: <u>[Signature]</u> Co. Man Sig: <u>[Signature]</u> Notes: _____	
Sales Tax (0.0%)	\$0.00

TOTAL	\$17,000.00
--------------	-------------

JOB SUMMARY			PROJECT NUMBER SOK 2978	TICKET DATE 08/23/13
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Dwayne Burt	
LEASE NAME Myra 3406	Well No. 3-8H	JOB TYPE Surface	EMPLOYEE NAME John Hall	

EMP NAME	John Hall	0					
	Rocky Anthis						
	Joseph Klemm						
	Roy Morris						

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 700

	Called Out	On Location	Job Started	Job Completed
Date	8/23/2013	8/23/2013	8/23/2013	8/23/2013
Time	600	800	1130	1300

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		36#	9 5/8"		Surface	700
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	700
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		10 8.33
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/23	5.0	8/23	1.0	Surface
Total	5.0	Total	1.0	

Pressures	
MAX	1.500 PSI
AVG.	
Average Rates in BPM	
MAX	5 BPM
AVG.	
Cement Left in Pipe	
Feet	47
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	260	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	150	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary								
Preflush	_____	Type:	_____	Preflush:	BBI	<u>10.00</u>	Type:	Fresh Water
Breakdown	_____	MAXIMUM	<u>1,500 PSI</u>	Load & Bkdn:	Gal - BBI	<u>N/A</u>	Pad:Bbl -Gal	<u>N/A</u>
	_____	Lost Returns-N	<u>NO/FULL</u>	Excess /Return	BBI	<u>50</u>	Calc. Disp Bbl	<u>50</u>
	_____	Actual TOC	<u>SURFACE</u>	Calc. TOC:		<u>SURFACE</u>	Actual Disp.	<u>50.20</u>
Average	_____	Bump Plug PSI:	<u>400</u>	Final Circ.	PSI:	<u>400</u>	Disp:Bbl	<u>50.20</u>
ISIP	<u>5 Min.</u>	10 Min	_____	Cement Slurry:	BBI	<u>120.4</u>		
		15 Min	_____	Total Volume	BBI	<u>180.60</u>		

CUSTOMER REPRESENTATIVE _____

Dwayne Burt
SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2993	TICKET DATE 08/29/13
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Dwayne Burt	
LEASE NAME Myra 3406	Well No. 3-8H	JOB TYPE Intermediate	EMPLOYEE NAME John Hall	

EMP NAME John Hall	Brett Armer				
Rocky Anthis					
Joseph Klemm					
Roy Morris					

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **155** Pressure _____
 Retainer Depth _____ Total Depth **5315**

Date	Called Out 8/29/2013	On Location 8/29/2013	Job Started 8/29/2013	Job Completed 8/29/2013
Time	030	300	600	800

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing		26#	7"		Surface		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 1/4"		Surface	5,340	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	BBL.		
Spacer type	Barite	15	10.00
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		In
NE Agent	Gal.		In
Fluid Loss	Gal/Lb		In
Gelling Agent	Gal/Lb		In
Fric. Red.	Gal/Lb		In
MISC.	Gal/Lb		In
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/29	5.0	8/29	2.0	Intermediate
Total	5.0	Total	2.0	

Pressures		
MAX	5,000 PSI	AVG.
Average Rates in BPM		
MAX	8 BPM	AVG.
Cement Left in Pipe		
Feet	80	Reason SHOE JOINT

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	230	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary			
Preflush	15.00	Type: 10ppg Barite Spacer	
Breakdown	MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	N/A
	Lost Returns-N	Excess /Return BBI	N/A
	Actual TOC	Calc. TOC:	2.468
Average	Bump Plug PSI: 1,000	Final Circ. PSI:	1,000
ISIF	5 Min. 10 Min. 15 Min.	Cement Slurry: BBI	79.9
		Total Volume BBI	295.50

CUSTOMER REPRESENTATIVE _____

 SIGNATURE