



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1142998
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: _____



1142998

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> <i>(Submit ACO-4)</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	Taylor 3406 3-29H
Doc ID	1142998

All Electric Logs Run

Prizm
Boresight
Resistivity
Nuclear
Mud Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Taylor 3406 3-29H
Doc ID	1142998

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8915-9016	1500 gals 15% HCL, 3622 bbls of Fresh Slickwater, Running TLTR 3783	
5	8582-8830	1500 gals 15% HCL, 4058 bbls of Fresh Slickwater, Running TLTR 8015	
5	8171-8502	1500 gals 15% HCL, 4133 bbls of Fresh Slickwater, Running TLTR 12318	
5	7839-8104	1500 gals 15% HCL, 4105 bbls of Fresh Slickwater, Running TLTR 16536	
5	7498-7796	1500 gals 15% HCL, 4163 bbls of Fresh Slickwater, Running TLTR 20806	
5	7134-7412	1500 gals 15% HCL, 4037 bbls of Fresh Slickwater, Running TLTR 24197	
5	6803-7086	1500 gals 15% HCL, 4008 bbls of Fresh Slickwater, Running TLTR 24320	
5	6413-6712	1500 gals 15% HCL, 3672 bbls of Fresh Slickwater, Running TLTR 32135	

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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6074-6362	1500 gals 15% HCL, 3682 bbls of Fresh Slickwater, Running TLTR 37180	
5	5708-6008	1500 gals 15% HCL, 3666 bbls of Fresh Slickwater, Running TLTR 39647	
5	5420-5642	1500 gals 15% HCL, 3155 bbls of Fresh Slickwater, Running TLTR 42874	

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

May 29, 2013

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

Re: ACO1
API 15-077-21928-01-00
Taylor 3406 3-29H
NW/4 Sec.29-34S-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

Sandridge Energy

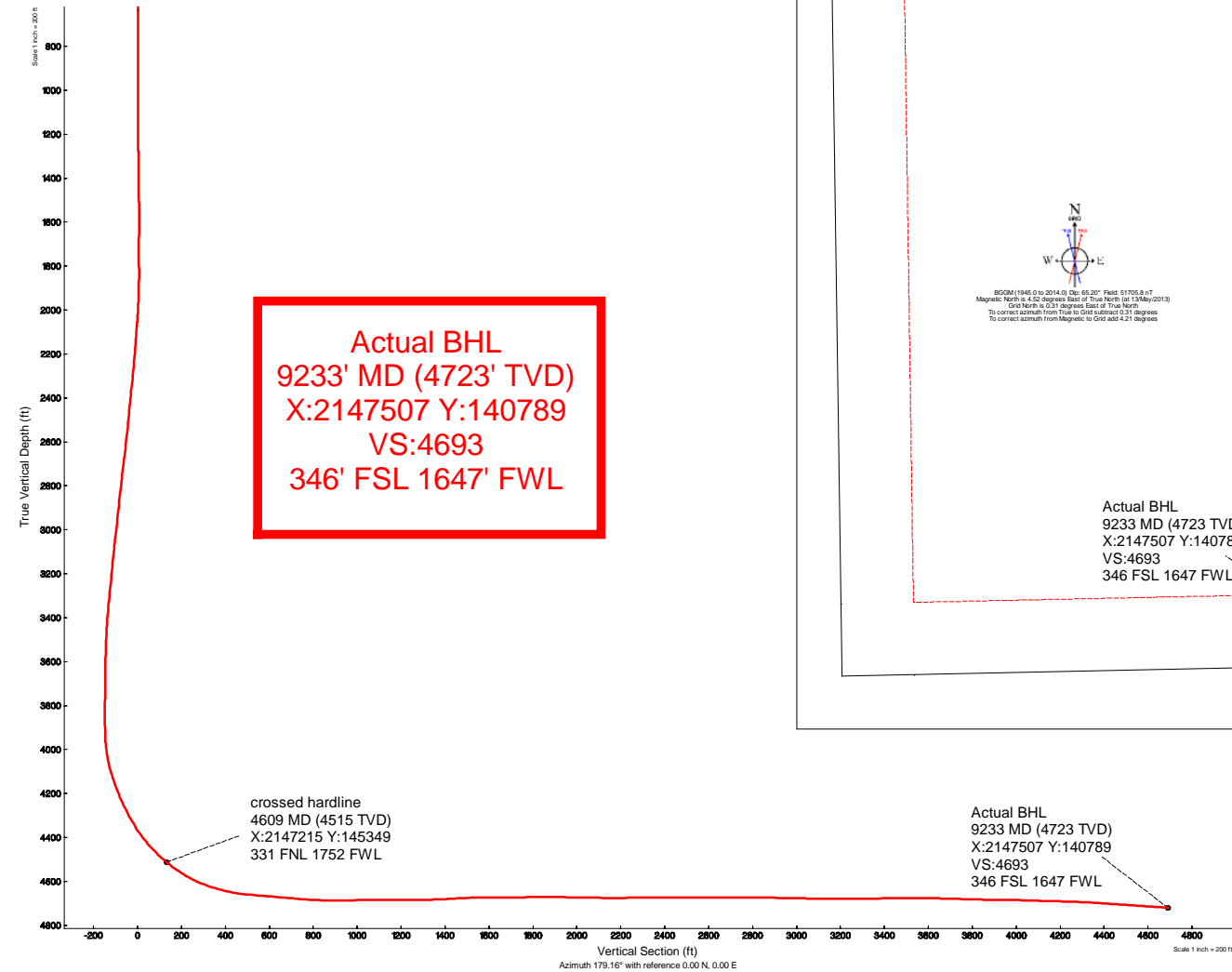
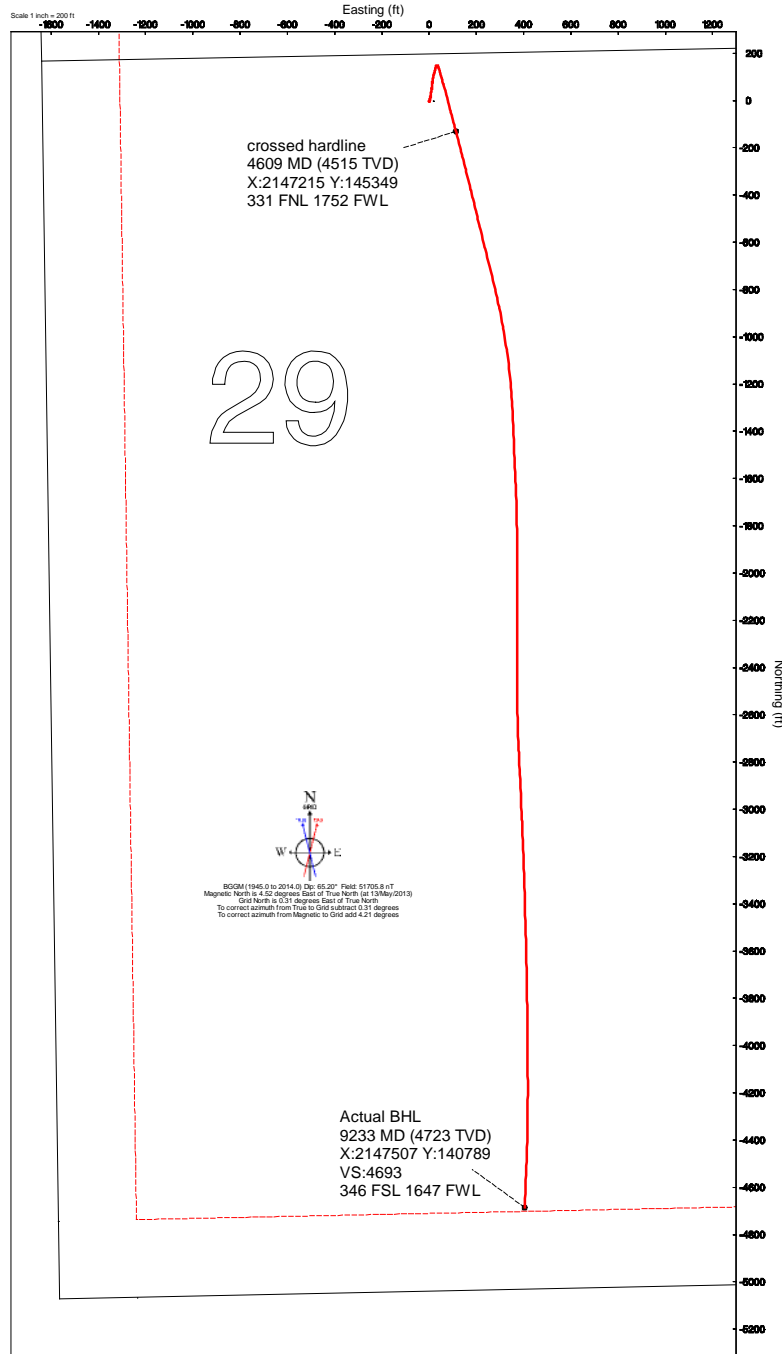
Taylor 3406 3-29H (Unit 310) (Final)
Taylor 3406 3-29H (Unit 310)

Harper County, Kansas (Sandridge Energy) NAD27 / Grid

Plot reference wellpath is Taylor 3406 3-29H Plan 1		Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet
True vertical depths are referenced to Unit 310 (RT)		North Reference: Grid north
Measured depths are referenced to Unit 310 (RT)		Scale: True distance
Unit 310 (RT) to Mean Sea Level: 1310 feet		Depths are in feet
Mean Sea Level to Mud line (At Slot: Taylor 3406 3-29H (Unit 310)): -1295 feet		Created by: bouglac on 18/May/2013
Coordinates are in feet referenced to Slot		

Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Britt 4-20H and Taylor 3-29H PAD Sec 29-34S-6W	2147121.000	145477.000	37°03'54.375"N	97°59'44.951"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Taylor 3406 3-29H (Unit 310)	0.00	-20.00	2147101.000	145477.000
Unit 310 (RT) to Mud line (At Slot: Taylor 3406 3-29H (Unit 310))		15ft	37°03'54.376"N 97°59'45.197"W	
Mean Sea Level to Mud line (At Slot: Taylor 3406 3-29H (Unit 310))		-1295ft		
Unit 310 (RT) to Mean Sea Level		1310ft		





Actual Wellpath Report

Sandridge Taylor 3406 3-29H (Unit 310)_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 3-29H (Unit 310)
Area	Kansas	Well	Taylor 3-29H SL(200 FNL, 1640 FWL) Sec 29
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Actual Taylor 3406 3-29H
Facility	Britt 4-20H and Taylor 3-29H PAD Sec 29-34S-6W		

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet		
North Reference	Grid	Software System	WellArchitect™ 3.0.0
Convergence at slot	0.31° East	User	Adammic
Scale	1.00005	Report Generated	12/Jun/2013 at 4:28:21 PM
Wellbore last revised	05-13-2013	Database/Source file	intokcapp01

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	-20.00	2147101.00	145477.00	37°03'54.376"N	97°59'45.197"W
Facility Reference Pt			2147121.00	145477.00	37°03'54.375"N	97°59'44.951"W
Field Reference Pt			2132248.82	161602.28	37°06'34.560"N	98°02'47.460"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Unit 310 (RT) to Facility Vertical Datum	15.00ft
Horizontal Reference Pt	Slot	Unit 310 (RT) to Mean Sea Level	1310.00ft
Vertical Reference Pt	Unit 310 (RT)	Unit 310 (RT) to Mud Line at Slot (Taylor 3406 3-29H (Unit 310))	15.00ft
MD Reference Pt	Unit 310 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.16°



Actual Wellpath Report

Sandridge Taylor 3406 3-29H (Unit 310)_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 3-29H (Unit 310)
Area	Kansas	Well	Taylor 3-29H SL(200 FNL, 1640 FWL) Sec 29
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Actual Taylor 3406 3-29H
Facility	Britt 4-20H and Taylor 3-29H PAD Sec 29-34S-6W		

WELLPATH DATA (133 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
0.00†	0.000	245.850	0.00	0.00	0.00	0.00	2147101.00	145477.00	0.00	
15.00	0.000	245.850	15.00	0.00	0.00	0.00	2147101.00	145477.00	0.00	
250.00	0.250	245.850	250.00	0.20	-0.21	-0.47	2147100.53	145476.79	0.11	
500.00	0.250	245.850	500.00	0.63	-0.66	-1.46	2147099.54	145476.34	0.00	
680.00	0.250	245.850	680.00	0.95	-0.98	-2.18	2147098.82	145476.02	0.00	
728.00	0.740	245.850	727.99	1.11	-1.15	-2.56	2147098.44	145475.85	1.02	
820.00	0.420	329.170	819.99	1.05	-1.10	-3.27	2147097.73	145475.90	0.88	
911.00	0.490	324.670	910.99	0.44	-0.50	-3.67	2147097.33	145476.50	0.09	
1003.00	0.030	317.490	1002.99	0.10	-0.16	-3.91	2147097.09	145476.84	0.50	
1095.00	0.340	162.770	1094.99	0.34	-0.40	-3.85	2147097.15	145476.60	0.40	
1186.00	0.180	120.280	1185.98	0.68	-0.73	-3.64	2147097.35	145476.27	0.26	
1278.00	1.580	114.650	1277.97	1.30	-1.33	-2.37	2147098.63	145475.67	1.52	
1369.00	0.990	166.550	1368.95	2.61	-2.62	-1.04	2147099.96	145474.38	1.37	
1461.00	0.400	169.650	1460.94	3.70	-3.71	-0.80	2147100.20	145473.29	0.64	
1553.00	0.220	220.890	1552.94	4.15	-4.16	-0.86	2147100.14	145472.84	0.34	
1645.00	0.280	349.070	1644.94	4.06	-4.07	-1.02	2147099.98	145472.93	0.49	
1737.00	0.060	190.680	1736.94	3.88	-3.90	-1.07	2147099.93	145473.10	0.37	
1832.00	0.350	118.460	1831.94	4.07	-4.09	-0.82	2147100.18	145472.91	0.35	
1895.00	0.860	26.090	1894.94	3.75	-3.75	-0.45	2147100.55	145473.25	1.49	
1927.00	1.770	20.840	1926.93	3.07	-3.08	-0.16	2147100.84	145473.92	2.87	
1958.00	2.670	18.500	1957.91	1.95	-1.94	0.23	2147101.23	145475.06	2.92	
1990.00	3.550	20.810	1989.86	0.32	-0.31	0.82	2147101.82	145476.69	2.78	
2022.00	4.380	20.830	2021.78	-1.73	1.76	1.61	2147102.61	145478.76	2.59	
2053.00	4.950	17.730	2052.68	-4.10	4.14	2.44	2147103.44	145481.14	2.01	
2117.00	4.440	14.560	2116.46	-9.11	9.17	3.90	2147104.90	145486.17	0.89	
2180.00	4.380	13.280	2179.28	-13.79	13.87	5.07	2147106.07	145490.87	0.18	
2211.00	4.730	14.670	2210.18	-16.17	16.26	5.66	2147106.66	145493.26	1.18	
2243.00	5.310	10.270	2242.06	-18.90	18.99	6.26	2147107.26	145495.99	2.17	
2306.00	5.840	8.000	2304.76	-24.92	25.03	7.23	2147108.23	145502.03	0.91	
2369.00	5.840	5.620	2367.43	-31.28	31.40	7.99	2147108.99	145508.40	0.38	
2401.00	5.550	7.050	2399.27	-34.43	34.55	8.34	2147109.34	145511.55	1.01	
2464.00	5.420	12.280	2461.99	-40.34	40.48	9.34	2147110.34	145517.48	0.82	
2496.00	5.660	12.150	2493.84	-43.35	43.50	10.00	2147111.00	145520.50	0.75	
2591.00	6.530	6.920	2588.30	-53.27	53.44	11.63	2147112.63	145530.45	1.09	
2686.00	6.630	3.230	2682.67	-64.09	64.28	12.59	2147113.59	145541.29	0.46	
2781.00	6.680	6.550	2777.03	-75.04	75.25	13.53	2147114.53	145552.25	0.41	
2876.00	6.240	9.100	2871.43	-85.61	85.83	14.98	2147115.98	145562.84	0.55	
2971.00	6.340	10.170	2965.86	-95.84	96.10	16.72	2147117.72	145573.10	0.16	
3066.00	6.610	11.510	3060.25	-106.33	106.62	18.74	2147119.74	145583.62	0.33	
3160.00	5.960	19.670	3153.69	-116.19	116.51	21.46	2147122.46	145593.52	1.17	
3255.00	5.490	13.180	3248.22	-125.21	125.58	24.16	2147125.16	145602.59	0.84	
3350.00	5.810	12.280	3342.75	-134.31	134.71	26.22	2147127.22	145611.71	0.35	
3445.00	4.160	19.350	3437.39	-142.22	142.66	28.38	2147129.38	145619.66	1.85	
3540.00	2.130	36.580	3532.25	-146.86	147.33	30.58	2147131.58	145624.33	2.33	
3635.00	1.280	56.570	3627.20	-148.83	149.33	32.51	2147133.51	145626.33	1.08	



Actual Wellpath Report

Sandridge Taylor 3406 3-29H (Unit 310)_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 3-29H (Unit 310)
Area	Kansas	Well	Taylor 3-29H SL(200 FNL, 1640 FWL) Sec 29
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Actual Taylor 3406 3-29H
Facility	Britt 4-20H and Taylor 3-29H PAD Sec 29-34S-6W		

WELLPATH DATA (133 stations) † = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
3730.00	1.140	51.770	3722.18	-149.98	150.50	34.14	2147135.14	145627.50	0.18	
3824.00	0.680	59.100	3816.17	-150.83	151.36	35.35	2147136.36	145628.37	0.50	
3919.00	1.020	134.010	3911.16	-150.51	151.06	36.45	2147137.45	145628.07	1.12	
3950.00	3.280	152.010	3942.14	-149.53	150.09	37.06	2147138.06	145627.10	7.52	
3982.00	5.460	156.790	3974.04	-147.31	147.88	38.09	2147139.09	145624.89	6.90	
4014.00	7.600	159.570	4005.84	-143.90	144.50	39.43	2147140.43	145621.51	6.76	
4046.00	10.510	160.430	4037.43	-139.15	139.76	41.15	2147142.15	145616.77	9.10	
4077.00	13.270	160.970	4067.76	-133.09	133.74	43.25	2147144.26	145610.74	8.91	
4108.00	16.210	163.770	4097.74	-125.53	126.22	45.62	2147146.63	145603.22	9.76	
4140.00	19.130	165.340	4128.23	-116.13	116.85	48.20	2147149.20	145593.86	9.24	
4171.00	20.200	165.240	4157.42	-106.01	106.76	50.85	2147151.85	145583.77	3.45	
4203.00	21.820	164.160	4187.29	-94.90	95.70	53.88	2147154.88	145572.70	5.20	
4234.00	24.040	163.840	4215.84	-83.24	84.09	57.21	2147158.21	145561.09	7.17	
4266.00	25.340	163.850	4244.91	-70.35	71.25	60.93	2147161.93	145548.25	4.06	
4297.00	26.620	163.800	4272.78	-57.25	58.21	64.71	2147165.71	145535.21	4.13	
4329.00	28.730	164.490	4301.12	-42.90	43.91	68.77	2147169.77	145520.91	6.67	
4360.00	31.100	165.430	4327.99	-27.91	28.98	72.78	2147173.78	145505.98	7.79	
4392.00	33.320	166.260	4355.06	-11.31	12.44	76.94	2147177.95	145489.44	7.07	
4424.00	35.440	166.360	4381.47	6.30	-5.11	81.22	2147182.22	145471.89	6.63	
4455.00	38.310	166.070	4406.26	24.43	-23.18	85.65	2147186.66	145453.82	9.28	
4487.00	41.140	164.990	4430.87	44.30	-42.97	90.77	2147191.77	145434.02	9.10	
4518.00	43.810	164.560	4453.74	64.58	-63.17	96.27	2147197.27	145413.83	8.66	
4550.00	46.560	164.430	4476.29	86.54	-85.04	102.33	2147203.34	145391.95	8.60	
4581.00	49.090	164.660	4497.10	108.76	-107.18	108.46	2147209.46	145369.81	8.18	
4609.00†	51.382	165.003	4515.01	129.62	-127.96	114.09	2147215.09	145349.04	8.24	crossed hardline 4609 MD (4515 TVD) X:2147215 Y:145349 331 FNL 1752 FWL
4613.00	51.710	165.050	4517.50	132.65	-130.98	114.90	2147215.90	145346.01	8.24	
4645.00	54.310	165.410	4536.75	157.46	-155.70	121.41	2147222.41	145321.30	8.17	
4677.00	56.820	165.660	4554.84	183.11	-181.25	128.00	2147229.01	145295.74	7.87	
4708.00	59.560	165.710	4571.18	208.73	-206.77	134.51	2147235.52	145270.22	8.84	
4740.00	62.630	165.720	4586.65	235.97	-233.92	141.42	2147242.43	145243.07	9.59	
4772.00	65.670	165.930	4600.60	263.99	-261.84	148.48	2147249.48	145215.15	9.52	
4803.00	68.640	166.060	4612.63	291.80	-289.55	155.39	2147256.39	145187.44	9.59	
4835.00	70.940	165.830	4623.69	321.03	-318.68	162.68	2147263.69	145158.31	7.22	
4867.00	73.590	165.720	4633.43	350.68	-348.22	170.17	2147271.18	145128.76	8.29	
4898.00	76.170	165.900	4641.52	379.80	-377.23	177.51	2147278.51	145099.75	8.34	
4930.00	78.220	166.460	4648.61	410.20	-407.53	184.96	2147285.97	145069.45	6.63	
4961.00	80.160	166.670	4654.42	439.92	-437.15	192.03	2147293.04	145039.83	6.29	
4993.00	82.560	166.880	4659.23	470.82	-467.94	199.27	2147300.28	145009.04	7.53	
5025.00	85.230	166.200	4662.63	501.86	-498.88	206.68	2147307.68	144978.09	8.61	
5056.00	85.410	166.270	4665.16	531.98	-528.89	214.03	2147315.04	144948.08	0.62	
5151.00	85.290	165.980	4672.86	624.23	-620.82	236.73	2147337.74	144856.15	0.33	
5246.00	85.320	165.880	4680.64	716.39	-712.66	259.75	2147360.76	144764.31	0.11	
5340.00	86.740	166.900	4687.15	807.85	-803.80	281.82	2147382.83	144673.17	1.86	
5370.00	88.310	167.580	4688.44	837.17	-833.03	288.44	2147389.45	144643.94	5.70	
5409.00	90.220	167.850	4688.94	875.39	-871.13	296.73	2147397.75	144605.83	4.95	



Actual Wellpath Report

Sandridge Taylor 3406 3-29H (Unit 310)_Final Surveys.
Page n of nn



REFERENCE WELLPATH IDENTIFICATION				
Operator	Sandridge Energy		Slot	Taylor 3406 3-29H (Unit 310)
Area	Kansas		Well	Taylor 3-29H SL(200 FNL, 1640 FWL) Sec 29
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid		Wellbore	Actual Taylor 3406 3-29H
Facility	Britt 4-20H and Taylor 3-29H PAD Sec 29-34S-6W			

WELLPATH DATA (133 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
5504.00	90.370	170.220	4688.46	968.90	-964.39	314.80	2147415.81	144512.57	2.50	
5599.00	90.000	171.550	4688.15	1062.91	-1058.19	329.85	2147430.86	144418.77	1.45	
5694.00	90.250	173.950	4687.94	1157.31	-1152.42	341.84	2147442.85	144324.53	2.54	
5789.00	90.310	175.920	4687.48	1252.05	-1247.04	350.22	2147451.24	144229.90	2.07	
5884.00	92.160	177.780	4685.43	1346.94	-1341.87	355.44	2147456.46	144135.07	2.76	
5979.00	93.260	177.550	4680.94	1441.80	-1436.68	359.31	2147460.33	144040.26	1.18	
6074.00	92.120	177.890	4676.48	1536.66	-1531.50	363.08	2147464.10	143945.43	1.25	
6169.00	88.550	176.880	4675.92	1631.60	-1626.38	367.42	2147468.43	143850.55	3.91	
6264.00	91.560	178.570	4675.83	1726.56	-1721.29	371.19	2147472.21	143755.63	3.63	
6359.00	90.740	179.720	4673.93	1821.53	-1816.26	372.61	2147473.62	143660.66	1.49	
6422.00	89.320	179.240	4673.89	1884.53	-1879.26	373.18	2147474.19	143597.66	2.38	
6517.00	88.790	179.680	4675.46	1979.52	-1974.24	374.07	2147475.09	143502.67	0.73	
6606.00	89.130	180.550	4677.07	2068.49	-2063.22	373.89	2147474.91	143413.69	1.05	
6700.00	89.970	179.600	4677.81	2162.47	-2157.22	373.77	2147474.79	143319.69	1.35	
6795.00	90.920	180.430	4677.08	2257.46	-2252.21	373.75	2147474.76	143224.69	1.33	
6890.00	89.720	179.320	4676.54	2352.44	-2347.21	373.95	2147474.97	143129.69	1.72	
6922.00	89.690	179.150	4676.71	2384.44	-2379.21	374.38	2147475.40	143097.69	0.54	
7016.00	89.780	180.290	4677.14	2478.44	-2473.20	374.84	2147475.86	143003.69	1.22	
7111.00	90.620	179.670	4676.81	2573.43	-2568.20	374.87	2147475.89	142908.69	1.10	
7206.00	89.600	177.980	4676.63	2668.42	-2663.17	376.82	2147477.84	142813.71	2.08	
7301.00	89.690	177.410	4677.22	2763.39	-2758.10	380.64	2147481.66	142718.78	0.61	
7397.00	90.280	177.010	4677.24	2859.33	-2853.98	385.32	2147486.33	142622.89	0.74	
7491.00	88.540	177.750	4678.21	2953.27	-2947.87	389.61	2147490.63	142529.00	2.01	
7587.00	88.940	177.220	4680.32	3049.21	-3043.76	393.82	2147494.84	142433.11	0.69	
7681.00	89.630	177.880	4681.50	3143.16	-3137.66	397.84	2147498.86	142339.20	1.02	
7776.00	90.030	177.840	4681.78	3238.14	-3232.60	401.39	2147502.41	142244.26	0.42	
7871.00	90.710	178.470	4681.16	3333.12	-3327.54	404.45	2147505.46	142149.31	0.98	
7966.00	91.330	178.850	4679.47	3428.10	-3422.50	406.67	2147507.69	142054.35	0.77	
8052.00	90.220	177.570	4678.31	3514.08	-3508.45	409.35	2147510.37	141968.40	1.97	
8093.00	89.320	178.100	4678.47	3555.07	-3549.42	410.90	2147511.92	141927.43	2.55	
8187.00	88.620	179.310	4680.16	3649.05	-3643.38	413.03	2147514.05	141833.46	1.49	
8281.00	88.250	178.860	4682.73	3743.01	-3737.33	414.53	2147515.55	141739.51	0.62	
8376.00	88.550	179.350	4685.38	3837.97	-3832.28	416.01	2147517.03	141644.55	0.60	
8471.00	89.880	179.410	4686.69	3932.96	-3927.26	417.04	2147518.06	141549.56	1.40	
8565.00	88.060	179.900	4688.38	4026.94	-4021.24	417.61	2147518.62	141455.58	2.01	
8660.00	88.430	179.240	4691.28	4121.89	-4116.20	418.32	2147519.34	141360.62	0.80	
8754.00	88.520	180.290	4693.79	4215.85	-4210.16	418.70	2147519.72	141266.66	1.12	
8849.00	87.410	180.460	4697.16	4310.77	-4305.10	418.08	2147519.10	141171.71	1.18	
8944.00	85.590	181.680	4702.96	4405.53	-4399.90	416.31	2147517.33	141076.91	2.31	
9040.00	86.300	182.050	4709.75	4501.19	-4495.61	413.20	2147514.21	140981.20	0.83	
9134.00	86.420	182.420	4715.72	4594.86	-4589.34	409.54	2147510.56	140887.45	0.41	
9197.00	85.370	182.310	4720.23	4657.60	-4652.13	406.94	2147507.96	140824.67	1.68	
9233.00	85.370	182.310	4723.13	4693.43	-4687.98	405.50	2147506.52	140788.81	0.00	Actual BHL 9233 MD (4723 TVD) X:2147507 Y:140789 VS:4693 346 FSL 1647 FWL

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Taylor 3-29H BHL_		4709.70	-4703.79	408.98	2147510.00	140773.00	37°03'07.846"N	97°59'40.466"W	point

WELLPATH COMPOSITION - Ref Wellbore: Actual Taylor 3406 3-29H Ref Wellpath: AWP (Final)				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	680.00	Drift Indicator (Standard)	Rig Surveys	Actual Taylor 3406 3-29H
680.00	9197.00	NaviTrak (Standard)	NaviTrak	Actual Taylor 3406 3-29H
9197.00	9233.00	Blind Drilling (std)	Projection to bit	Actual Taylor 3406 3-29H

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	6/11/2013
Job End Date:	6/17/2013
State:	Kansas
County:	Harper
API Number:	15-077-21928-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Taylor 3406 3-29H
Longitude:	-97.99580000
Latitude:	37.06510000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	4,723
Total Base Water Volume (gal):	1,796,275
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
C102	Bosque Disposal Systems, LLC	Oxidizer					
			Chlorine Dioxide	10049-04-4	15.00000	100.00000	
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.							
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			2-propenamid	79-06-1	0.00130		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Methanol	67-56-1	0.01112		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C12-C16, ethoxylated	68551-12-2	0.00434		

HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Ammonium chloride	12125-02-9	0.14463		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			C14 alpha olefin ethoxylate	84133-50-6	0.00434		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Hydrogen chloride	7647-01-0	2.69596		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00313		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			2-Propenoic acid, ammonium salt	10604-69-0	0.00709		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Crystalline silica	14808-60-7	96.22045		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Water (Including Mix Water Supplied by Client)*	NA			
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					

			Fatty acids, tall-oil	61790-12-3	0.00817		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Ethoxylated oleic acid	9004-96-0	0.02893		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Trisodium ortho phosphate	7601-54-9	0.03315		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Distillates (petroleum), hydrotreated light	64742-47-8	0.30372		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sorbitan monooleate	1338-43-8	0.02893		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Ethane-1,2-diol	107-21-1	0.00944		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Potassium hydroxide	1310-58-3	0.00024		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Prop-2-yn-1-ol	107-19-7	0.00209		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					

			Propan-2-ol	67-63-0	0.00107		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Polyethylene glycol monohexyl ether	31726-34-8	0.12200		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.23141		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.00579		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.00434		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sodium erythorbate	6381-77-7	0.02111		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Alkenes, C>10 a-	64743-02-8	0.00139		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Sorbitol Tetraoleate	61723-83-9	0.00868		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					

			Sodium sulfocyanate	540-72-7	0.00752		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Dicoco dimethyl quaternary ammonium chloride	61789-77-3	0.00535		
HCL 15, Slickwater	Schlumberger	Corrosion Inhibitor, Friction Reducer, Scale Inhibitor, Surfactant , Acid, Iron Control Agent, Propping Agent					
			Thiourea, polymer with formaldehyde and 1- phenylethanone	68527-49-1	0.00672		

* 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)



BASIN SERVICES, LLC
 P O BOX 4268
 ABILENE, TX 79608-4268
 Phone # (325)690-0053
 Fax # (325)698-0055

TICKET

TICKET NUMBER: WY-2-1
 TICKET DATE: 04/24/2013

SANDRIDGE ENERGY
 123 ROBERT S KERR AVE
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK
 LEASE: Taylor
 WELL#: 3406 3-29H
 RIG #: Unit 310
 Co/St: HARPER, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
4/24/2013 DRILLED 30" CONDUCTOR HOLE			
4/24/2013 20" CONDUCTOR PIPE (.250 WALL)			
4/24/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING			
4/24/2013 DRILL & INT FALL 6' X 6' CELLAR TINHORN			
4/24/2013 DRILLED 20" MOUSE HOLE (PER FOOT)			
4/24/2013 16" CONDUCTOR PIPE (.250 WALL)			
4/24/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
4/24/2013 WELDING SERVICES FOR PIPE & LIDS			
4/24/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
4/24/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
4/24/2013 11 YARDS P SACK GROUT			
4/24/2013 TAXABLE ITEMS			9,850.00
4/24/2013 BID + TAXABLE ITEMS			6,400.00
		Sub Total:	16,250.00
		Tax HARPER COUNTY (6.3 %):	620.55
		TICKET TOTAL:	\$ 16,870.55

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature _____

AFE Number: DC 12936
 Well Name: Taylor 3406 3-29H
 Code: 850.010
 Amount: \$ 16,870.55
 Co. Man: CRIMM Marberry MICHAEL KOLCHISKY
 Co. Man Sig.: [Signature]
 Notes: _____

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MAY 20 2013

HALLIBURTON**Cementing Job Summary**REGULATORY DEPT
The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2998067	Quote #:	Sales Order #: 900437377
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Taylor 3406	Well #: 3-29H	API/UWI #:	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 16 Township 33S Range 6W			
Contractor: UNIT		Rig/Platform Name/Num: 310	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: OSBORN, JAMES	MBU ID Emp #: 518950

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GUYTON, JAMES Patrick	8	454880	OSBORN, JAMES David	8	518950	PROVINES, TYLER Wesley	8	523867
TURNER, DANIEL Justin	8	461812						

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
5/14/2013	8	1						
TOTAL			Total is the sum of each column separately					

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top	Bottom		Called Out	14 - May - 2013	04:00	CST
Form Type	BHST			On Location	14 - May - 2013	08:00	CST
Job depth MD	680. ft	Job Depth TVD	680. ft	Job Started	14 - May - 2013	00:00	CST
Water Depth		Wk Ht Above Floor	16. ft	Job Completed	14 - May - 2013	02:00	CST
Perforation Depth (MD)	From	To		Departed Loc	14 - May - 2013	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" Open Hole				12.25				80.	700.		
9.625" Surface Casing	Unknown	1150	9.625	8.921	36.	LTC	J-55	.	700.		
Preset Conductor	Unknown		20.	19.124	94.			.	80.		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	hes
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	hes
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 ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

HALLIBURTON

Cementing Job Summary

1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	HLC STANDARD	EXTENDACEM (TM) SYSTEM (452981)	220.0	sacks	12.4	2.11	11.61		11.61
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.609 Gal	FRESH WATER							
3	STANDARD	SWIFTCEM (TM) SYSTEM (452990)	150.0	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			bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	49.5	Shut In: Instant		Lost Returns	0	Cement Slurry	115	Pad	
Top Of Cement	surface	5 Min		Cement Returns	50	Actual Displacement	49	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
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 					

RECEIVED

JUN 4 2013

HALLIBURTON**Cementing Job Summary***The Road to Excellence Starts with Safety*

Sold To #: 305021	Ship To #: 2998067	Quote #:	Sales Order #: 900439507
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Webster, John	
Well Name: Taylor 3406	Well #: 3-29H	API/UWI #:	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 16 Township 33S Range 6W			
Contractor: UNIT		Rig/Platform Name/Num: 310	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FRENCH, JEREMY		Srvc Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CRAWFORD, ANDREW B	9.5	480612	TOPE, GEOFFREY Daniel	9.5	489420	WALTON, SCOTTY Dwayne	9.5	478229

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
5-19-13	9.5	2						
TOTAL			<i>Total is the sum of each column separately</i>					

Job**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	Job depth MD	5380. ft	Job Depth TVD	Job Started	19 - May - 2013	06:44	CST
Water Depth	Perforation Depth (MD)	From	To	Job Completed	19 - May - 2013	07:40	CST
				Departed Loc	19 - May - 2013	09:30	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" Open Hole				8.75				700.	5380.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5380.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	700.		

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										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	


Stage/Plug #: 1

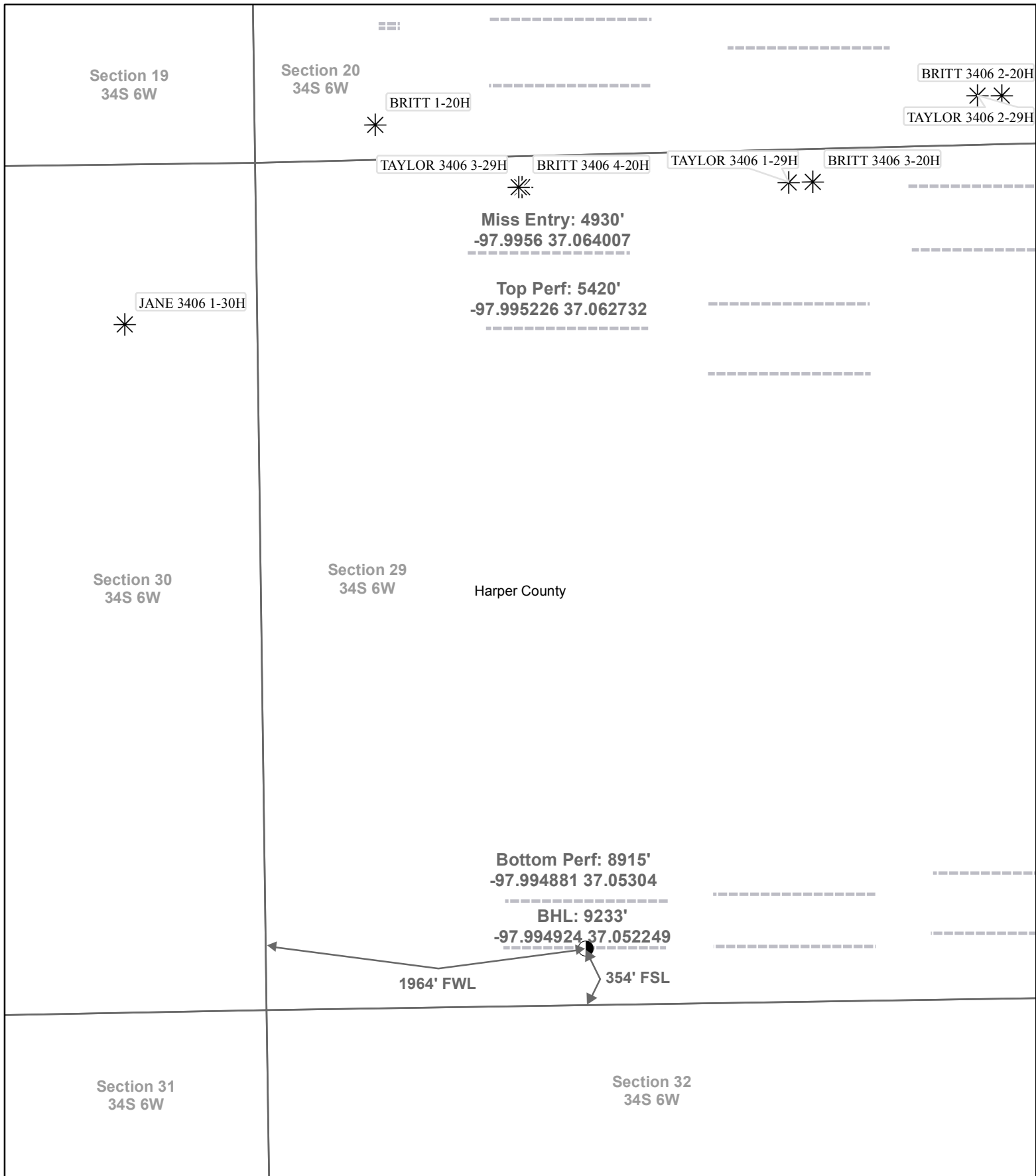
Summit Version: 7.3.0079

Sunday, May 19, 2013 08:39:00

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Rig Supplied Gel Water		30.00	bbl	8.33	.0	.0	.0		
2	STANDARD 33 / POZ 34 / ENHANCER 33	ECONOCEM (TM) SYSTEM (452992)	140.0	sacks	13.6	1.5	6.76		6.76	
	5 lbm	KOL-SEAL, BULK (100064233)								
	0.25 %	SA-1015, 50 LB SACK (102077046)								
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)								
	6.756 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		202.00	bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement			Avg. Job			
Cement Left In Pipe		Amount	84 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						
										



Actual Bottom-Hole Location of Taylor 3406 3-29H
 Harper County, Kansas
 T&R: 34S 6W
 Section: 29, 1964' FWL & 354' FSL
 -97.994924 37.052249

1 in = 785 ft

0 550 1,100 2,200 Feet

Draftsman: Aaron Birk	Draft Date: 8/14/2013
Drawing Name/Number: Addendum_Taylor 3406 3-29H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	



● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

