



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1121022
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: _____



1121022

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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	Taylor 3406 1-29H
Doc ID	1121022

All Electric Logs Run

Boresight
Resistivity
Porosity
Mudlog

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Taylor 3406 1-29H
Doc ID	1121022

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8608-8879	4095 bbls water, 36 bbls acid, 75M lbs sd, 4498 TLTR	
5	8303-8513	4091 bbls water, 36 bbls acid, 75M lbs sd, 8767 TLTR	
5	7966-8218	4085 bbls water, 36 bbls acid, 75M lbs sd, 13032 TLTR	
5	7300-7480	4075 bbls water, 36 bbls acid, 75M lbs sd, 17298 TLTR	
5	6916-7200	4069 bbls water, 36 bbls acid, 75M lbs sd, 21402 TLTR	
5	6567-6815	4064 bbls water, 36 bbls acid, 75M lbs sd, 25562 TLTR	
5	6130-6473	4057 bbls water, 36 bbls acid, 75M lbs sd, 29615 TLTR	
5	5769-6054	4051 bbls water, 36 bbls acid, 75M lbs sd, 34281 TLTR	
5	5400-5701	4046 bbls water, 36 bbls acid, 75M lbs sd, 38546 TLTR	

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

March 04, 2013

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

Re: ACO1
API 15-077-21907-01-00
Taylor 3406 1-29H
NE/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

Mid-Continent Conductor, LLC

Invoice

P.O. Box 1570
Woodward, OK 73802

Phone: (580)254-5400
Fax: (580)254-3242

Date	Invoice #
2/1/2013	1689

Bill To
SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Ordered By	Terms	Date of Service	Lease Name/Legal Desc.	Drilling Rig
Felix Ortiz	Net 45	2/1/2013	Taylor 3406 1-29H, Harper Cnty, KS	Latshaw 38

Item	Quantity	Description
Conductor Hole	90	Drilled 90 ft. conductor hole
20" Pipe	90	Furnished 90 ft. of 20 inch conductor pipe
Mouse Hole	80	Drilled 80 ft. mouse hole
16" Pipe	80	Furnished 80 ft. of 16 inch mouse hole pipe
Cellar Hole	1	Drilled 6' X 6' cellar hole
6' X 6' Tinhorn	1	Furnished and set 6' X 6' tinhorn
Mud and Water	1	Furnished mud and water
Transport Truck - Conductor	1	Transport mud and water to location
Grout & Trucking	10	Furnished grout and trucking to location
Grout Pump	1	Furnished grout pump
Fence Panels	4	Furnished and set fence panels around conductor holes
Welder & Materials	1	Furnished welder and materials
Dirt Removal	1	Furnished labor and equipment for dirt removal
Cover Plate	1	Furnished cover plates
Permits	1	Permits

AFE Number: DC12861

Well Name: Taylor 1-29H

Code: 850-010

Amount: \$17,340.00

Co. Man: Lewis Maddox

Co. Man Sig: Lewis Maddox

Notes: _____

Subtotal	\$17,340.00
Sales Tax (0.0%)	\$0.00
Total	\$17,340.00

RECEIVED

FEB 22 2013

HALLIBURTON

REGULATORY DEPT
SANDRIDGE ENERGY

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2977699	Quote #:	Sales Order #: 900213413
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Melland, Carl	
Well Name: Taylor 3406	Well #: 1-29H	API/UWI #: 15-077-21907	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 29 Township 34S Range 6W			
Contractor: Latshaw Drlg.		Rig/Platform Name/Num: Latshaw 38	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		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	6.5	480612	POOLE, BARRETT Lee	5	531327	WALTON, SCOTTY Dwayne	6.5	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
2-14-13	6.5	1.5						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					14 - Feb - 2013	10:30	CST
Form Type			BHST	On Location	14 - Feb - 2013	14:00	CST
Job depth MD	700. ft		Job Depth TVD	Job Started	14 - Feb - 2013	18:30	CST
Water Depth			Wk Ht Above Floor	Job Completed	14 - Feb - 2013	19:10	CST
Perforation Depth (MD)	From		To	Departed Loc	14 - Feb - 2013	20:30	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
12.25" Open Hole				12.25				90.	700.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	700.		
Preset Conductor	Unknown		20.	19.124	94.			.	90.		

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

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	Fresh Water		10.00	bbl	8.33	.0	.0	.0		
2	HLC Standard	EXTENDACEM (TM) SYSTEM (452981)	150.0	sacks	12.4	2.11	11.57		11.57	
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	11.571 Gal	FRESH WATER								
3	Standard	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	15.6	1.2	5.32		5.32	
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.125 lbm	POLY-E-FLAKE (101216940)								
	5.319 Gal	FRESH WATER								
4	Displacement		51.00	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 50		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers 10		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 @		
The Information Stated Herein Is Correct				Customer Representative Signature <i>Levin Markof</i>						

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	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	160.0	sacks	13.6	1.53	7.24		7.24
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.24 Gal	FRESH WATER							
3	Premium	HALCEM (TM) SYSTEM (452986)	200.0	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		204.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	204	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement	2158.86	5 Min		Cement Returns	0	Actual Displacement	74	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					

Sandridge Energy

Taylor 3406 1-29H (Final)

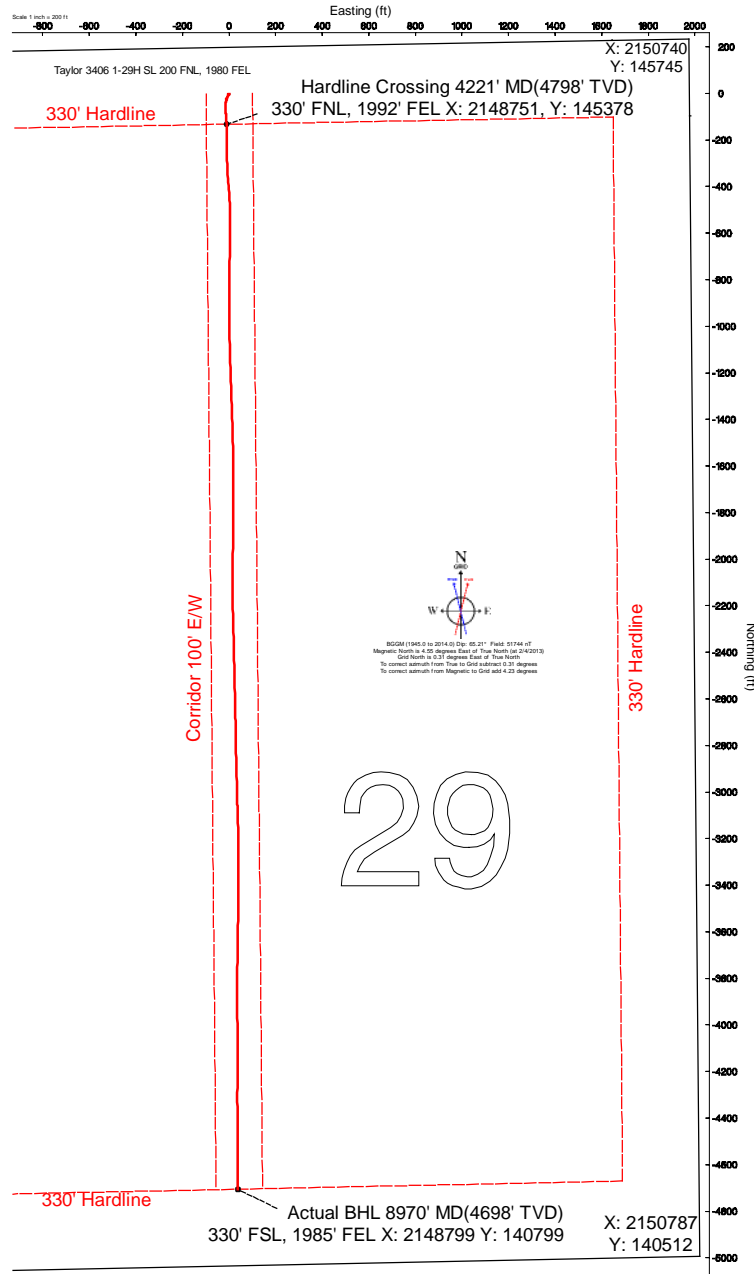
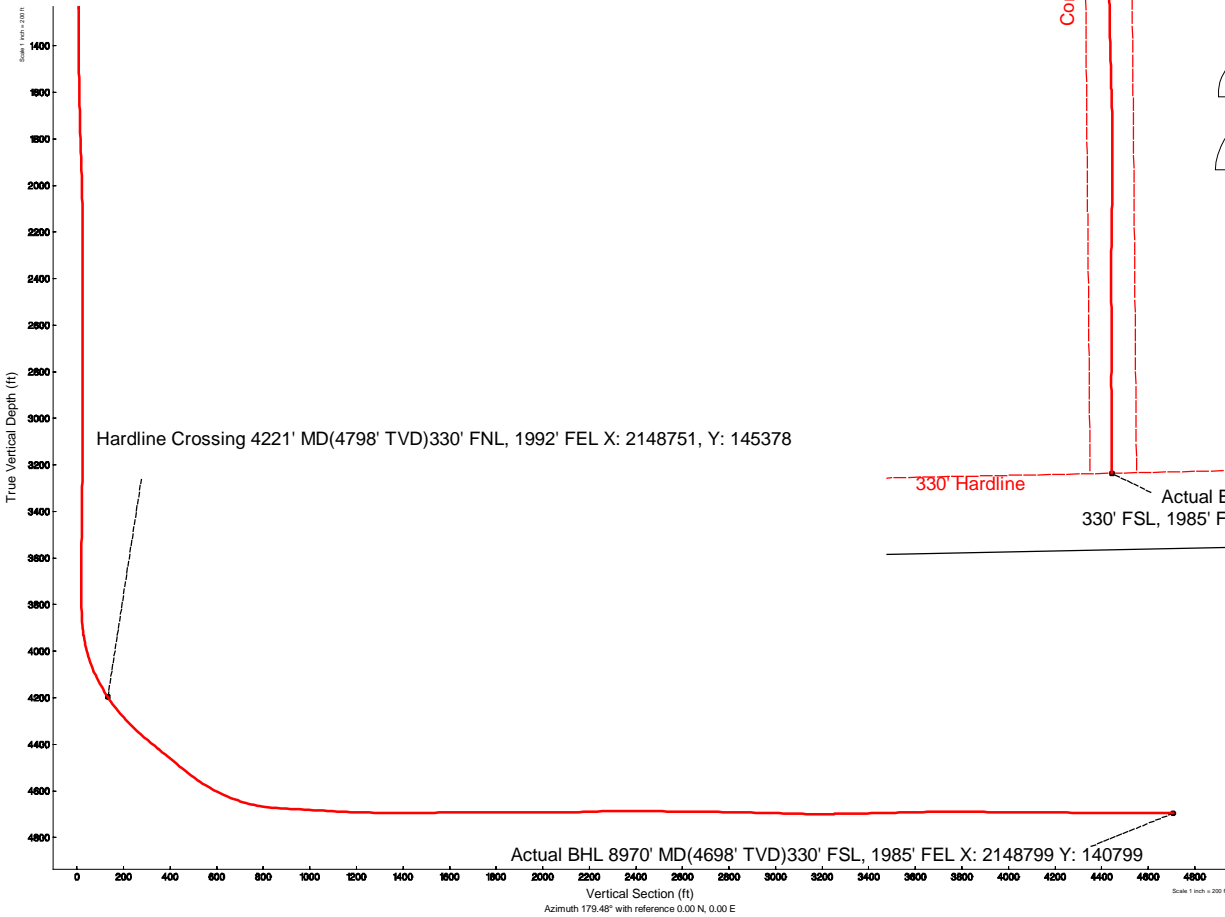
Taylor 3406 1-29H SL 200 FNL, 1980 FEL

Harper County, Kansas (Sandridge Energy) NAD27 / Grid

Plot reference wellpath is Plan 2	
True vertical depths are referenced to Latshaw 38 (KB)	Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet
Measured depths are referenced to Latshaw 38 (KB)	North Reference: Grid north
Latshaw 38 (KB) to Mean Sea Level: 1322 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Taylor 3406 1-29H SL 200 FNL, 1980 FEL): -1307 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: broomart on 2/14/2013

Location Information

Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude	Longitude	
Taylor 3406 1-29H Sec. 29-34S-6W		2148762.000	145508.000	37°03'54.593"N	97°59'24.704"W	
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Taylor 3406 1-29H SL 200 FNL, 1980 FEL	0.00	0.00	2148762.000	145508.000	37°03'54.593"N	97°59'24.704"W
Latshaw 38 (KB) to Mud line (At Slot: Taylor 3406 1-29H SL 200 FNL, 1980 FEL)				15ft		
Mean Sea Level to Mud line (At Slot: Taylor 3406 1-29H SL 200 FNL, 1980 FEL)				-1307ft		
Latshaw 38 (KB) to Mean Sea Level				1322ft		



Actual Wellpath Report

Sandridge Taylor 3406 1-29H_Final Surveys.

Page 1 of 4

REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 1-29H SL 200 FNL, 1980 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 1-29H Actual
Facility	Taylor 3406 1- 29H 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	Broomarl
Scale	1.00005	Report Generated	3/18/2013 at 3:02:06 PM
Wellbore last revised	02-04-2013	Database/Source file	WA_OklahomaCity

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	2148762.00	145508.00	37°03'54.593"N	97°59'24.704"W
Facility Reference Pt			2148762.00	145508.00	37°03'54.593"N	97°59'24.704"W
Field Reference Pt			2132248.82	161602.28	37°06'34.560"N	98°02'47.460"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Latshaw 38 (KB) to Facility Vertical Datum	15.00ft
Horizontal Reference Pt	Slot	Latshaw 38 (KB) to Mean Sea Level	1322.00ft
Vertical Reference Pt	Latshaw 38 (KB)	Latshaw 38 (KB) to Mud Line at Slot (Taylor 3406 1-29H SL 200 FNL, 1980 FEL)	15.00ft
MD Reference Pt	Latshaw 38 (KB)	Section Origin	N 0.00, E 0.00
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.48°

Actual Wellpath Report

Sandridge Taylor 3406 1-29H_Final Surveys.

Page 2 of 4

REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 1-29H SL 200 FNL, 1980 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 1-29H Actual
Facility	Taylor 3406 1- 29H Sec. 29-34S-6W		

WELLPATH DATA (100 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]	Log Comment
0.00	0.000	229.380	0.00	0.00	0.00	0.00	2148762.00	145508.00	0.00	
15.00	0.000	229.380	15.00	0.00	0.00	0.00	2148762.00	145508.00	0.00	
255.00	0.100	229.380	255.00	0.13	-0.14	-0.16	2148761.84	145507.86	0.04	
530.00	0.800	229.380	529.99	1.53	-1.54	-1.80	2148760.20	145506.46	0.25	
665.00	0.300	229.380	664.98	2.36	-2.39	-2.78	2148759.22	145505.61	0.37	
726.00	0.280	229.380	725.98	2.56	-2.59	-3.02	2148758.98	145505.41	0.03	
910.00	0.100	214.680	909.98	2.98	-3.01	-3.45	2148758.55	145504.99	0.10	
1375.00	0.340	199.010	1374.98	4.61	-4.65	-4.13	2148757.87	145503.35	0.05	
1877.00	2.260	206.570	1876.82	14.83	-14.91	-9.04	2148752.96	145493.09	0.38	
2351.00	0.540	53.380	2350.72	21.83	-21.94	-11.43	2148750.57	145486.06	0.58	
2827.00	0.330	184.550	2826.71	21.88	-21.97	-9.74	2148752.26	145486.03	0.17	
3301.00	0.870	350.210	3300.70	19.69	-19.78	-10.46	2148751.54	145488.22	0.25	
3754.00	0.260	98.510	3753.68	16.45	-16.55	-10.03	2148751.97	145491.45	0.22	
3775.00	0.280	128.900	3774.68	16.49	-16.58	-9.94	2148752.06	145491.41	0.68	
3807.00	0.810	192.680	3806.68	16.76	-16.85	-9.93	2148752.07	145491.14	2.28	
3838.00	2.340	201.210	3837.67	17.56	-17.66	-10.21	2148751.79	145490.34	4.98	
3870.00	3.910	205.670	3869.62	19.15	-19.25	-10.91	2148751.08	145488.75	4.96	
3902.00	5.980	202.420	3901.50	21.66	-21.78	-12.02	2148749.98	145486.22	6.53	
3933.00	8.600	195.730	3932.25	25.38	-25.50	-13.27	2148748.73	145482.50	8.87	
3966.00	11.320	191.330	3964.75	30.92	-31.05	-14.57	2148747.43	145476.95	8.55	
3997.00	14.190	187.660	3994.98	37.66	-37.80	-15.68	2148746.32	145470.20	9.62	
4029.00	16.980	183.500	4025.80	46.20	-46.36	-16.49	2148745.51	145461.64	9.39	
4061.00	20.560	179.560	4056.09	56.49	-56.64	-16.73	2148745.27	145451.36	11.86	
4092.00	23.670	176.150	4084.81	68.15	-68.30	-16.27	2148745.73	145439.70	10.85	
4124.00	26.480	175.160	4113.79	81.67	-81.82	-15.24	2148746.76	145426.18	8.88	
4155.00	29.130	174.930	4141.21	96.09	-96.22	-13.98	2148748.01	145411.77	8.56	
4187.00	30.890	175.700	4168.92	112.05	-112.17	-12.68	2148749.32	145395.82	5.63	
4218.00	32.700	176.420	4195.27	128.36	-128.47	-11.56	2148750.44	145379.53	5.97	
4221.00	32.927	176.540	4197.79	129.98	-130.09	-11.46	2148750.54	145377.90	7.88	Hardline Crossing 4221' MD(4798' TVD)330' FNL, 1992' FEL X: 214875
4250.00	35.130	177.630	4221.82	146.19	-146.30	-10.64	2148751.36	145361.70	7.88	
4281.00	37.790	179.220	4246.75	164.61	-164.71	-10.14	2148751.86	145343.28	9.11	
4313.00	40.270	179.660	4271.61	184.76	-184.86	-9.95	2148752.05	145323.13	7.80	
4344.00	42.500	180.090	4294.87	205.25	-205.35	-9.90	2148752.10	145302.64	7.25	
4376.00	44.970	180.270	4317.99	227.37	-227.47	-9.97	2148752.03	145280.52	7.73	
4408.00	47.460	180.400	4340.13	250.47	-250.57	-10.11	2148751.89	145257.42	7.79	
4439.00	49.640	179.290	4360.65	273.70	-273.80	-10.04	2148751.96	145234.18	7.53	
4484.00	50.770	177.230	4389.45	308.26	-308.36	-8.99	2148753.01	145199.63	4.32	
4533.00	50.860	176.190	4420.41	346.20	-346.28	-6.81	2148755.19	145161.71	1.66	
4578.00	50.740	175.620	4448.85	381.00	-381.06	-4.32	2148757.68	145126.92	1.02	
4639.00	50.740	175.660	4487.45	428.13	-428.15	-0.73	2148761.27	145079.83	0.05	
4661.00	50.900	176.190	4501.35	445.15	-445.16	0.48	2148762.48	145062.82	2.00	
4692.00	51.880	177.160	4520.70	469.34	-469.35	1.89	2148763.89	145038.63	4.00	
4724.00	53.370	178.460	4540.12	494.76	-494.76	2.86	2148764.86	145013.22	5.67	
4756.00	55.670	179.470	4558.70	520.82	-520.81	3.32	2148765.32	144987.17	7.63	
4787.00	57.870	179.750	4575.68	546.75	-546.74	3.50	2148765.50	144961.24	7.14	

Actual Wellpath Report

Sandridge Taylor 3406 1-29H_Final Surveys.

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 1-29H SL 200 FNL, 1980 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 1-29H Actual
Facility	Taylor 3406 1- 29H Sec. 29-34S-6W		

WELLPATH DATA (100 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Log Comment
4819.00	60.240	180.030	4592.14	574.19	-574.18	3.55	2148765.55	144933.80	7.44	
4851.00	63.210	180.710	4607.29	602.36	-602.36	3.37	2148765.37	144905.62	9.47	
4882.00	66.280	181.040	4620.52	630.39	-630.39	2.94	2148764.94	144877.58	9.95	
4913.00	68.810	181.010	4632.36	659.02	-659.03	2.43	2148764.43	144848.94	8.16	
4945.00	71.300	180.920	4643.27	689.09	-689.10	1.92	2148763.92	144818.87	7.79	
4977.00	74.010	180.940	4652.81	719.63	-719.64	1.42	2148763.42	144788.33	8.47	
5009.00	76.680	180.930	4660.91	750.57	-750.59	0.92	2148762.92	144757.37	8.34	
5040.00	79.980	180.980	4667.18	780.92	-780.94	0.41	2148762.41	144727.02	10.65	
5072.00	82.840	180.500	4671.96	812.55	-812.58	0.00	2148762.00	144695.38	9.06	
5104.00	85.100	180.480	4675.32	844.36	-844.40	-0.27	2148761.73	144663.56	7.06	
5149.00	87.350	180.250	4678.28	889.26	-889.30	-0.55	2148761.45	144618.66	5.03	
5198.00	86.830	180.030	4680.77	938.19	-938.23	-0.67	2148761.33	144569.72	1.15	
5243.00	86.890	179.100	4683.23	983.12	-983.17	-0.33	2148761.67	144524.79	2.07	
5293.00	86.890	178.670	4685.94	1033.04	-1033.08	0.64	2148762.64	144474.87	0.86	
5338.00	86.890	178.600	4688.39	1077.97	-1078.00	1.71	2148763.71	144429.95	0.16	
5396.00	86.860	178.320	4691.55	1135.88	-1135.90	3.27	2148765.27	144372.05	0.48	
5441.00	88.220	177.980	4693.48	1180.82	-1180.83	4.72	2148766.72	144327.12	3.12	
5550.00	89.200	177.700	4695.93	1289.75	-1289.72	8.82	2148770.82	144218.22	0.94	
5643.00	89.570	178.170	4696.93	1382.71	-1382.66	12.18	2148774.18	144125.28	0.64	
5734.00	90.740	178.690	4696.69	1473.69	-1473.62	14.67	2148776.67	144034.31	1.41	
5827.00	90.960	179.430	4695.31	1566.68	-1566.60	16.19	2148778.19	143941.33	0.83	
5919.00	90.640	179.730	4694.02	1658.67	-1658.59	16.87	2148778.87	143849.34	0.48	
6011.00	89.720	180.360	4693.73	1750.66	-1750.58	16.80	2148778.80	143757.34	1.21	
6104.00	89.160	180.100	4694.64	1843.65	-1843.58	16.42	2148778.42	143664.34	0.66	
6196.00	91.360	180.620	4694.22	1935.63	-1935.57	15.84	2148777.85	143572.35	2.46	
6288.00	89.130	181.630	4693.83	2027.59	-2027.54	14.04	2148776.04	143480.37	2.66	
6380.00	91.020	179.130	4693.71	2119.56	-2119.53	13.43	2148775.43	143388.38	3.41	
6473.00	91.860	178.990	4691.37	2212.53	-2212.49	14.95	2148776.95	143295.42	0.92	
6565.00	91.490	178.160	4688.68	2304.48	-2304.42	17.24	2148779.24	143203.48	0.99	
6660.00	89.080	178.780	4688.21	2399.46	-2399.38	19.78	2148781.78	143108.52	2.62	
6755.00	89.140	178.510	4689.69	2494.44	-2494.34	22.02	2148784.02	143013.55	0.29	
6849.00	89.410	178.650	4690.88	2588.42	-2588.30	24.35	2148786.35	142919.59	0.32	
6943.00	89.450	179.010	4691.81	2682.41	-2682.28	26.27	2148788.27	142825.61	0.39	
7037.00	89.050	179.050	4693.04	2776.39	-2776.26	27.86	2148789.86	142731.62	0.43	
7131.00	88.580	178.520	4694.99	2870.37	-2870.21	29.86	2148791.86	142637.66	0.75	
7226.00	88.890	178.680	4697.08	2965.33	-2965.16	32.18	2148794.18	142542.71	0.37	
7321.00	88.060	178.240	4699.61	3060.28	-3060.09	34.73	2148796.73	142447.77	0.99	
7416.00	89.780	178.440	4701.40	3155.24	-3155.03	37.48	2148799.48	142352.83	1.82	
7511.00	90.520	179.840	4701.15	3250.24	-3250.02	38.91	2148800.91	142257.84	1.67	
7605.00	91.200	180.400	4699.74	3344.22	-3344.01	38.71	2148800.71	142163.85	0.94	
7700.00	91.720	180.210	4697.32	3439.18	-3438.97	38.20	2148800.20	142068.88	0.58	
7794.00	90.650	180.520	4695.38	3533.15	-3532.95	37.60	2148799.61	141974.89	1.19	
7890.00	91.910	181.070	4693.23	3629.10	-3628.92	36.27	2148798.27	141878.93	1.43	
7985.00	90.400	180.750	4691.32	3724.04	-3723.88	34.76	2148796.77	141783.96	1.62	
8080.00	89.380	180.360	4691.50	3819.02	-3818.88	33.84	2148795.85	141688.96	1.15	

Actual Wellpath Report

Sandridge Taylor 3406 1-29H_Final Surveys.

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 1-29H SL 200 FNL, 1980 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 1-29H Actual
Facility	Taylor 3406 1- 29H Sec. 29-34S-6W		

WELLPATH DATA (100 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Log Comment
8175.00	88.860	179.410	4692.96	3914.01	-3913.86	34.03	2148796.04	141593.97	1.14	
8269.00	89.080	179.520	4694.65	4007.99	-4007.84	34.91	2148796.91	141499.98	0.26	
8363.00	90.560	180.200	4694.94	4101.99	-4101.84	35.14	2148797.14	141405.98	1.73	
8458.00	89.510	180.120	4694.89	4196.98	-4196.84	34.88	2148796.88	141310.98	1.11	
8553.00	89.350	180.250	4695.83	4291.97	-4291.83	34.57	2148796.57	141215.98	0.22	
8648.00	89.480	178.990	4696.80	4386.96	-4386.82	35.20	2148797.20	141120.99	1.33	
8742.00	89.600	179.610	4697.56	4480.96	-4480.81	36.35	2148798.35	141026.99	0.67	
8838.00	90.000	179.660	4697.89	4576.96	-4576.81	36.96	2148798.96	140930.99	0.42	
8926.00	89.810	179.950	4698.04	4664.95	-4664.81	37.26	2148799.26	140842.99	0.39	
8970.00	89.810	179.950	4698.18	4708.95	-4708.81	37.30	2148799.30	140798.99	0.00	Actual BHL 8970' MD(4698' TVD)330' FSL, 1985' FEL X: 2148799 Y:

TARGETS										
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape	
BHL 330' FSL, 1980' FEL		4701.43	-4707.79	43.00	2148805.00	140800.00	37°03'08.043"N	97°59'24.491"W	point	

WELLPATH COMPOSITION - Ref Wellbore: Taylor 3406 1-29H Actual Ref Wellpath: AWP - Final				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	665.00	EMS (Standard)	Single Shot Surveys	Taylor 3406 1-29H Actual
665.00	8926.00	NaviTrak (Standard)	INTEQ - MWD	Taylor 3406 1-29H Actual
8926.00	8970.00	Blind Drilling (std)	Projection to bit	Taylor 3406 1-29H Actual

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/14/2013
Job End Date:	4/17/2013
State:	Kansas
County:	Harper
API Number:	15-077-21907-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Taylor 3406 1-29H
Longitude:	-97.99010000
Latitude:	37.06510000
Datum:	NAD27
Federal/Tribal Well:	NO
Total Base Water Volume (gal):	1,560,361
Total Base Non Water Volume:	



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
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, Biocide, Surfactant, Acid, Iron Control Agent, Propping Agent					
			Alcohols, C10-C16, ethoxylated	68002-97-1	0.01460		
			Ethoxylated oleic acid	9004-96-0	0.02835		
			Distillates (petroleum), hydrotreated light	64742-47-8	0.34018		
			C14 alpha olefin ethoxylate	84133-50-6	0.00780		
			Acrylamide/ammonium acrylate copolymer	26100-47-0	0.28348		
			Alcohols, C12-C14, ethoxylated	68439-50-9	0.01460		
			Methanol	67-56-1	0.25395		
			Alcohol, C9-C11, Ethoxylated	68439-46-3	0.08053		
			Sorbitol Tetraoleate	61723-83-9	0.01772		
			Thiourea, polymer with formaldehyde and 1-phenylethanone	68527-49-1	0.00737		
			Prop-2-yn-1-ol	107-19-7	0.00229		

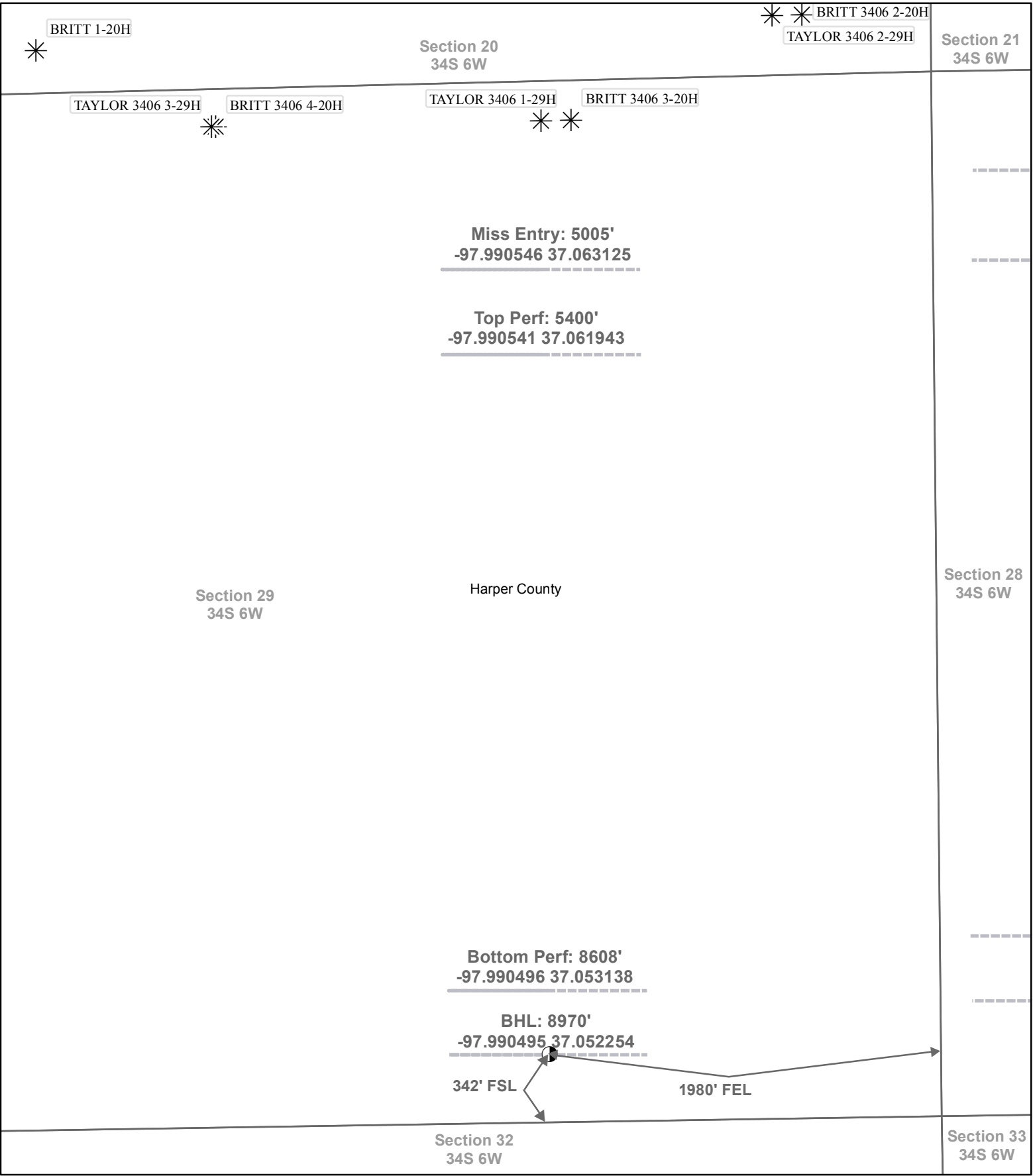
		Water (Including Mix Water Supplied by Client)*	-		
		Crystalline silica	14808-60-7	95.85078	
		Alkyl(c12-16) dimethylbenzyl ammonium chloride	68424-85-1	0.00289	
		Ammonium chloride	12125-02-9	0.16300	
		2-Propenoic acid, ammonium salt	10604-69-0	0.00709	
		Ethane-1,2-diol	107-21-1	0.00749	
		Ethanol	64-17-5	0.00035	
		Alkenes, C>10 a-	64743-02-8	0.00152	
		Alcohols, C12-C16, ethoxylated	68551-12-2	0.01474	
		Trisodium ortho phosphate	7601-54-9	0.02631	
		Alcohols, C14-15, ethoxylated (7EO)	68951-67-7	0.00343	
		Alcohol, C11 linear, ethoxylated	84398-01-1	0.12080	
		Sorbitan monooleate	1338-43-8	0.02480	
		Sodium erythorbate	6381-77-7	0.02316	
		Glutaraldehyde	111-30-8	0.01620	
		Hydrogen chloride	7647-01-0	2.73446	
		Fatty acids, tall-oil	61790-12-3	0.00896	

* 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)



BRITT 1-20H

Section 20
34S 6W

BRITT 3406 2-20H
TAYLOR 3406 2-29H

Section 21
34S 6W

TAYLOR 3406 3-29H

BRITT 3406 4-20H

TAYLOR 3406 1-29H

BRITT 3406 3-20H

Miss Entry: 5005'
-97.990546 37.063125

Top Perf: 5400'
-97.990541 37.061943

Section 29
34S 6W

Harper County

Section 28
34S 6W

Bottom Perf: 8608'
-97.990496 37.053138

BHL: 8970'
-97.990495 37.052254

342' FSL

1980' FEL

Section 32
34S 6W

Section 33
34S 6W



Actual Bottom-Hole Location of Taylor 3406 1-29H
Harper County, Kansas
T&R: 34S 6W
Section: 29, 1980' FEL & 342' FSL
Long/Lat: -97.990495 37.052254

1 in = 641 ft

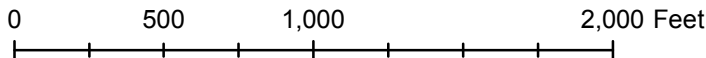


● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 5/22/2013

Drawing Name/Number:

Addendum_Taylor_1-29H .mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Remarks

Tiffany Golay
05/06/013 09:21 am

Well was completed using an open hole packer system