



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1087018
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: _____



1087018

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Starks 1-35H
Doc ID	1087018

All Electric Logs Run

Spectral Density Dual Spaced Neutron Gamma Ray Memory Log
Boresight
Array Induction Gamma Ray Memory Log
Mud Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Starks 1-35H
Doc ID	1087018

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	10700-11130	4279 bbls water, 36 bbls acid, 75M lbs sd, 4315 TLTR	
5	10250-10634	4112 bbls water, 36 bbls acid, 75M lbs sd, 8637 TLTR	
5	9822-10177	4301 bbls water, 36 bbls acid, 75M lbs sd, 13135 TLTR	
5	9388-9722	4102 bbls water, 36 bbls acid, 75M lbs sd, 17411 TLTR	
5	8935-9262	4162 bbls water, 36 bbls acid, 75M lbs sd, 21735 TLTR	
5	8670-8584	4203 bbls water, 36 bbls acid, 75M lbs sd, 26205 TLTR	
5	8053-8387	4218 bbls water, 36 bbls acid, 75M lbs sd, 30527 TLTR	
5	7611-7965	4193 bbls water, 36 bbls acid, 75M lbs sd, 35112 TLTR	
5	7170-7524	4161 bbls water, 36 bbls acid, 75M lbs sd, 39394 TLTR	
5	6729-7070	4134 bbls water, 36 bbls acid, 75M lbs sd, 43627 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Starks 1-35H
Doc ID	1087018

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6288-6641	4179 bbls water, 36 bbls acid, 75M lbs sd, 47914 TLTR	
5	5846-6200	4121 bbls water, 36 bbls acid, 75M lbs sd, 56264 TLTR	
5	5428-5759	4080 bbls water, 36 bbls acid, 75M lbs sd, 60405 TLTR	
5	4990-5320	4053 bbls water, 36 bbls acid, 75M lbs sd, 64508 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Starks 1-35H
Doc ID	1087018

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	75	100	Express Energy Services Grout	15	none
Surface	12.25	9.63	36	775	halliburton Extendacem and Swiftcem Systems	410	3% Calcium Chloride, .25 lbm Poly-E-Flake
Intermediate	8.75	7	26	5349	50/50 Poz Premium	320	2% Bentonite, .4% Halad(R)-9, 2lbm Kol-Seal
Production	6.12	4.5	11.6	9999	50/50 Poz Standard	625	.4% Halad(R)-9, 10lbm Kol-Seal, 2% Bentonite, .3% CFR-3, .25lbm Poly-E-Flake

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 11, 2012

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

Re: ACO1
API 15-077-21857-01-00
Starks 1-35H
SW/4 Sec.35-34S-08W
Harper County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Tiffany Golay



P O BOX 843971
 DALLAS, TX 75284
 Phone # (713)625-7400
 Fax # (713)625-7403

TICKET

TICKET NUMBER: 8052-48-1
 TICKET DATE: 06/13/2012

ELECTRONIC

SANDRIDGE ENERGY
 ODESSA REGION
 P.O. BOX 1748
 OKLAHOMA CITY, OK 73101-1748

Yard: 8052 OKLAHOMA ELK CITY HATHOLE
 Lease: Stark # 1
 Well#: 35H
 Contractor: Unit
 Rig#: 310
 Co/St: HARPER, KS
 Sales Person: EXPRESS ENERGY SERVICES OPERATING

For questions, please call 713-625-7498.

DESCRIPTION	QUANTITY	RATE	AMOUNT
6/13/2012 30" Main Hole (per ft)	100.00 FT		
6/13/2012 Provide Conductor Pipe for Main Hole - 20" (per ft)	100.00 FT	45.000	4,500.00
6/13/2012 20" Mouse Hole (per ft)	75.00 EA		
6/13/2012 Provide Conductor Pipe for Main Hole - 16" (per ft)	75.00 FT	20.000	1,500.00
6/13/2012 Drill 75" hole for cellar (per ft)	6.00 FT		
6/13/2012 72" diameter tin horn for cellar (per ft)	6.00 FT	125.000	750.00
6/13/2012 Site Preparation - Location Cleanup	1.00 HR		
6/13/2012 Running Pipe on Main Hole (100-120ft)	1.00 EA		
6/13/2012 Running Pipe on Deep Mouse Hole	1.00 EA		
6/13/2012 Welding Services (per hour)	1.00 HR		
6/13/2012 Lids for end of pipe	3.00 EA	150.000	450.00
6/13/2012 Cement to grout pipe in hole	15.00 YD	200.000	3,000.00
6/13/2012 Furnish grout pump	1.00 EA		
6/13/2012 Drilling Mud for Hole Stability	1.00 JOB	1,200.000	1,200.00
6/13/2012 NON TAXABLE SERVICES	1.00	13,700.000	13,700.00

Sub Total: 25,100.00

Tax Harper COUNTY, KS (7.3 %): 832.20

TICKET TOTAL: \$ 25,932.20

I, the undersigned, acknowledge the acceptance of the above stated goods and or services

Approved Signature _____

12024
 AFE Number: DC 120
 Well Name: Stark 1-35H
 Code: 830-210
 Amount: \$25,932.20
 Co. Man: Robert J. Poling
 Co. Man Sig: [Signature]
 Notes: _____

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

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2935143	Quote #:	Sales Order #: 9617324
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Edwards, Tripp	
Well Name: Starks	Well #: 1-35H	API/UWI #:	
Field:	City (SAP): WALDRON	County/Parish: Harper	State: Kansas
Legal Description: Section 35 Township 34S Range 8W			
Contractor: Unit Drilling *		Rig/Platform Name/Num: Unit 310	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: CRAWFORD, ROBERT		Srvc Supervisor: VAUGHAN, RYAN	MBU ID Emp #: 453194

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AIRINGTON, JOSEPH Tyler	10	497322	DAVIS, EDWARD Jay	10	510301	VAUGHAN, RYAN Nicholas	10	453194

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
6/26/12	10	1						
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	26 - Jun - 2012	06:00	CST
Form Type	BHST		Job Started	26 - Jun - 2012	14:51	CST
Job depth MD	800. ft	Job Depth TVD	775. ft	Job Completed	26 - Jun - 2012	15:32
Water Depth		Wk Ht Above Floor	18. ft	Departed Loc	26 - Jun - 2012	17:05
Perforation Depth (MD)	From	To				

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					800.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		800.		

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		

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

Stage/Plug #: 1									
1	halliburton light standard	EXTENDACEM (TM) SYSTEM (452981)	210.0	sacks	12.4	2.12	11.68		11.68
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
2	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							
Calculated Values		Pressures			Volumes				
Displacement	58	Shut In: Instant		Lost Returns	0	Cement Slurry	122	Pad	
Top Of Cement	0	5 Min		Cement Returns	33	Actual Displacement	58	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			6
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

API No.
OTC/OCC Operator No.

CEMENTING REPORT
To Accompany Completion Report

Form 1002C
Rev. 1996

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

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

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

TYPE OR USE BLACK INK ONLY

*Field Name				OCC District			
*Operator SANDRIDGE ENERGY INC EBUSINESS				OCC/OTC Operator No			
*Well Name/No. Starks 1-35H				County Harper			
*Location	1/4	1/4	1/4	1/4	Sec 35	Twp 34S	Rge 8W

Cement Casing Data	Conductor Casing	Surface Casing	Alternative Casing	Intermediate Casing	Production String	Liner
Cementing Date				7-3-12		
*Size of Drill Bit (Inches)						
*Estimated % wash or hole enlargement used in calculations						
*Size of Casing (inches O.D.)				7		
*Top of Liner (if liner used) (ft.)						
*Setting Depth of Casing (ft.) from ground level				5247		
Type of Cement (API Class) In first (lead) or only slurry				50/50 Poz		
In second slurry				Premium		
In third slurry						
Sacks of Cement Used In first (lead) or only slurry				110		
In second slurry				210		
In third slurry						
Vol of slurry pumped (Cu ft)(14.X15.) In first (lead) or only slurry				169		
In second slurry				250		
In third slurry						
Calculated Annular Height of Cement behind Pipe (ft)				3154		
Cement left in pipe (ft)				42		

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

*Was cement circulated to Ground Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*Was Cement Staging Tool (DV Tool) used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
*Was Cement Bond Log run? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If so, Attach Copy)	*If Yes, at what depth? _____ ft

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

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

Remarks
Stage #1/Slurry #1: 50/50 Poz - Standard w/ ECONOCEM (TM) SYSTEM, 2 % Bentonite, 0.4 % Halad(R)-9, 2 lbm Kol-Seal, 2 % Bentonite.
Stage #1/Slurry #2: Premium w/ HALCEM (TM) SYSTEM, 0.4 % Halad(R)-9, 2 lbm Kol-Seal.

*Remarks

CEMENTING COMPANY

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

James Gilreath

 Signature of Cementer or Authorized Representative

OPERATOR

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

 Signature of Operator or Authorized Representative

Name & Title Printed or Typed	
James Gilreath	
Halliburton Energy Services	
Address	
701 Dispensary Road	
City	
Burns Flat	
State	Zip
	OK
Telephone (AC) Number	
580-662-3131	
Date	
7/3/12	

*Name & Title Printed or Typed	
*Operator	
*Address	
*City	
*State	*Zip
*Telephone (AC) Number	
*Date	

INSTRUCTIONS

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

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2935143		Quote #:		Sales Order #: 9654537	
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Edwards, Tripp			
Well Name: Starks			Well #: 1-35H		API/UWI #:		
Field:		City (SAP): WALDRON		County/Parish: Harper		State: Kansas	
Legal Description: Section 35 Township 34S Range 8W							
Contractor: Unit Drilling *			Rig/Platform Name/Num: Unit 310				
Job Purpose: Cement Production Liner							
Well Type: Development Well				Job Type: Cement Production Liner			
Sales Person: CRAWFORD, ROBERT			Srvc Supervisor: UNDERWOOD, BILLY			MBU ID Emp #: 159068	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COE, KYLE E	3	518980	DICKERSON, DAVID L	3	521043	TERRY, STACY Glen	8	373291
UNDERWOOD, BILLY Dale	8	159068						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10679726	70 mile	10688348	70 mile	10744563	70 mile	10825967	70 mile
11027043	70 mile	11288856	70 mile	11706678	70 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7-11-12	8	1.75						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Top	Bottom		Date	Time	Time Zone	
Formation Depth (MD)				Called Out	10 - Jul - 2012	21:30	CST
Form Type		BHST		On Location	11 - Jul - 2012	01:00	CST
Job depth MD	11803. ft	Job Depth TVD		Job Started	11 - Jul - 2012	07:00	CST
Water Depth		Wk Ht Above Floor		Job Completed	11 - Jul - 2012	08:45	CST
Perforation Depth (MD)	From	To		Departed Loc	11 - Jul - 2012	09:45	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
6.125" Open Hole				6.125				5247.	11803.	4816.	4748.
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	P-110	4841.	11803.	4841.	4848.
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5247.	.	4816.
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	4841.		

Tools and Accessories

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

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

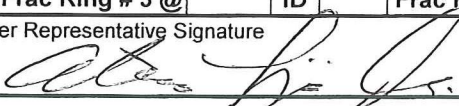
Fluid Data

Stage/Plug #: 1

HALLIBURTON

ATTENTION: IMPORTANT REGULATORY DOCUMENT!
 This document is prepared and submitted to the appropriate agency.

Cementing Job Summary

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 Caustic Water Spacer with Gel		10.00	bbl	8.5	.0	.0	.0	
2	50/50 Poz - Standard	ECONOCEM (TM) SYSTEM (452992)	625.0	sacks	13.6	1.59	6.91		6.91
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	10 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	0.3 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	6.906 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	146	Shut In: Instant		Lost Returns		Cement Slurry	177	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	141	Treatment	
Frac Gradient		15 Min		Spacers	15	Load and Breakdown		Total Job	333
Rates									
Circulating	4	Mixing	5.5	Displacement	5.5	Avg. Job	5.5		
Cement Left In Pipe	Amount	80 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 					



Company: Sandridge Energy
 Field: Mississippi Limestone
 County: Harper Co., KS
 Well Name: Starks 1-35H
 Rig: Unit 310

Job Number: 4746371
 Magnetic Decl: 4.77
 Grid Corr: -0.21
 Total Survey Corr: 4.56
 Date Printed: 11-Oct-12

Proposed Azimuth: 357.95
 Target Inclination: 90.60
 TVD: 3927.00
 BRN From Survey: 0.00
 BRN From Bit: 0.00

No.	Tool Type	Depth (ft)	Incl (°)	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	Azimuth (ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	N/S	0.00 N	E/W	0.00 E	Wik Rate (°/100')
												N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)						
36	MWD	4848	52.18	356.54	N	3.46	W	50	4659.77	475.01	477.16	N	51.46	E	479.92	6.16	2.65	2.64	0.32		
37	MWD	4880	55.11	357.27	N	2.73	W	32	4678.74	500.78	502.89	N	50.07	E	505.37	5.69	9.34	9.16	2.28		
38	MWD	4912	58.71	357.04	N	2.96	W	32	4696.21	527.58	529.66	N	48.74	E	531.90	5.26	11.27	11.25	-0.72		
39	MWD	4943	61.49	357.80	N	2.20	W	31	4711.66	554.45	556.50	N	47.53	E	558.53	4.88	9.22	8.97	2.45		
40	MWD	4975	64.38	357.81	N	2.19	W	32	4726.22	582.94	584.98	N	46.44	E	586.82	4.54	9.03	9.03	0.03		
41	MWD	5007	66.90	357.84	N	2.16	W	32	4739.42	612.09	614.10	N	45.34	E	615.78	4.22	7.88	7.88	0.09		
42	MWD	5038	69.33	358.22	N	1.78	W	31	4750.97	640.85	642.85	N	44.35	E	644.38	3.95	7.92	7.84	1.23		
43	MWD	5070	71.27	358.77	N	1.23	W	32	4761.76	670.98	672.97	N	43.56	E	674.37	3.70	6.27	6.06	1.72		
44	MWD	5102	72.88	358.57	N	1.43	W	32	4771.60	701.42	703.40	N	42.85	E	704.71	3.49	5.07	5.03	-0.62		
45	MWD	5133	74.62	357.74	N	2.26	W	31	4780.28	731.18	733.15	N	41.89	E	734.34	3.27	6.17	5.61	-2.68		
46	MWD	5165	76.35	356.15	N	3.85	W	32	4788.30	762.15	764.08	N	40.24	E	765.14	3.01	7.24	5.41	-4.97		
47	MWD	5197	77.72	354.74	N	5.26	W	32	4795.48	793.30	795.16	N	37.76	E	796.06	2.72	6.06	4.28	-4.41		
48	MWD	5228	79.97	354.79	N	5.21	W	31	4801.48	823.67	825.45	N	34.99	E	826.19	2.43	7.26	7.26	0.16		
49	MWD	5260	81.69	355.43	N	4.57	W	32	4806.58	855.22	856.92	N	32.29	E	857.53	2.16	5.73	5.38	2.00		
50	MWD	5292	84.76	355.62	N	4.38	W	32	4810.35	886.97	888.60	N	29.82	E	889.10	1.92	9.61	9.59	0.59		
51	MWD	5323	87.31	356.63	N	3.37	W	31	4812.49	917.87	919.45	N	27.73	E	919.87	1.73	8.84	8.23	3.26		
52	MWD	5365	90.25	357.09	N	2.91	W	42	4813.39	959.85	961.38	N	25.43	E	961.71	1.51	7.09	7.00	1.10		
53	MWD	5422	92.62	357.37	N	2.63	W	57	4811.96	1016.82	1018.29	N	22.67	E	1018.54	1.28	4.19	4.16	0.49		
54	MWD	5517	91.55	357.11	N	2.89	W	95	4808.50	1111.75	1113.11	N	18.10	E	1113.26	0.93	1.16	-1.13	-0.27		
55	MWD	5612	90.96	356.82	N	3.18	W	95	4806.42	1206.71	1207.96	N	13.07	E	1208.03	0.62	0.69	-0.62	-0.31		
56	MWD	5707	89.75	357.19	N	2.81	W	95	4805.84	1301.70	1302.82	N	8.11	E	1302.85	0.36	1.33	-1.27	0.39		
57	MWD	5802	91.51	358.26	N	1.74	W	95	4804.79	1396.69	1397.74	N	4.34	E	1397.74	0.18	2.17	1.85	1.13		
58	MWD	5897	91.70	357.69	N	2.31	W	95	4802.13	1491.65	1492.64	N	0.98	E	1492.64	0.04	0.63	0.20	-0.60		
59	MWD	5992	91.34	355.52	N	4.48	W	95	4799.61	1586.58	1587.43	N	4.64	W	1587.44	359.83	2.31	-0.38	-2.28		
60	MWD	6087	93.13	356.66	N	3.34	W	95	4795.90	1681.46	1682.13	N	11.11	W	1682.17	359.62	2.23	1.88	1.20		
61	MWD	6182	91.55	355.78	N	4.22	W	95	4792.03	1776.33	1776.85	N	17.37	W	1776.93	359.44	1.90	-1.66	-0.93		
62	MWD	6277	92.10	356.30	N	3.70	W	95	4789.00	1871.23	1871.57	N	23.93	W	1871.72	359.27	0.80	0.58	0.55		
63	MWD	6372	92.72	356.39	N	3.61	W	95	4785.01	1966.11	1966.29	N	29.98	W	1966.52	359.13	0.66	0.65	0.09		
64	MWD	6467	91.71	357.03	N	2.97	W	95	4781.33	2061.01	2061.06	N	35.43	W	2061.37	359.02	1.26	-1.06	0.67		
65	MWD	6562	90.59	356.43	N	3.57	W	95	4779.43	2155.97	2155.89	N	40.85	W	2156.27	358.91	1.34	-1.18	-0.63		
66	MWD	6657	89.94	356.48	N	3.52	W	95	4778.99	2250.93	2250.70	N	46.72	W	2251.19	358.81	0.69	-0.68	0.05		
67	MWD	6752	90.06	356.14	N	3.86	W	95	4778.99	2345.90	2345.51	N	52.83	W	2346.10	358.71	0.38	0.13	-0.36		
68	MWD	6847	90.46	354.99	N	5.01	W	95	4778.56	2440.81	2440.22	N	60.18	W	2440.96	358.59	1.28	0.42	-1.21		
69	MWD	6942	91.60	356.45	N	3.55	W	95	4776.85	2535.72	2534.94	N	67.27	W	2535.83	358.48	1.95	1.20	1.54		
70	MWD	7037	89.11	356.16	N	3.84	W	95	4776.26	2630.67	2629.73	N	73.39	W	2630.75	358.40	2.64	-2.62	-0.31		
71	MWD	7132	88.42	355.99	N	4.01	W	95	4778.31	2725.60	2724.48	N	79.89	W	2725.65	358.32	0.75	-0.73	-0.18		



Company: Sandridge Energy
 Field: Mississippi Limestone
 County: Harper Co., KS
 Well Name: Starks 1-35H
 Rig: Unit 310

Job Number: 4746371
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 Grid Corr: -0.21
 Total Survey Corr: 4.56
 Date Printed: 11-Oct-12

Proposed Azimuth: 357.95
 Target Inclination: 90.60
 TVD: 3927.00
 BRN From Survey: 0.00
 BRN From Bit: 0.00

Projection	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Incl.	92.00	Course Lgth(ft)	TVD (ft)	Azimuth (ft)	VS (ft)	Coordinates		Closure Dist (ft)	Ang (°)	N/S	DLS (°/100')	Bid Rate (°/100')	Wlk Rate (°/100')
											N/S (ft)	E/W (ft)						
72	MWD	7227	88.89	355.92	N 4.08	W 95	2820.51	4780.54	2819.22	86.59	W	2820.55	358.24	0.50	0.49	-0.07		
73	MWD	7323	89.11	356.40	N 3.60	W 96	2916.45	4782.21	2914.99	93.02	W	2916.47	358.17	0.55	0.23	0.50		
74	MWD	7418	89.75	356.62	N 3.38	W 95	3011.42	4783.16	3009.81	98.80	W	3011.43	358.12	0.71	0.67	0.23		
75	MWD	7513	90.06	356.78	N 3.22	W 95	3106.39	4783.32	3104.65	104.27	W	3106.40	358.08	0.37	0.33	0.17		
76	MWD	7608	90.09	355.92	N 4.08	W 95	3201.35	4783.19	3199.46	110.32	W	3201.36	358.03	0.91	0.03	-0.91		
77	MWD	7703	91.23	356.02	N 3.98	W 95	3296.29	4782.10	3294.21	116.99	W	3296.29	357.97	1.20	1.20	0.11		
78	MWD	7798	88.36	356.38	N 3.62	W 95	3391.24	4782.44	3388.99	123.29	W	3391.24	357.92	3.04	-3.02	0.38		
79	MWD	7900	90.74	357.80	N 2.20	W 102	3493.21	4783.24	3490.85	128.47	W	3493.21	357.89	2.72	2.33	1.39		
80	MWD	7947	91.11	358.35	N 1.65	W 47	3540.20	4782.48	3537.82	130.05	W	3540.21	357.89	1.41	0.79	1.17		
81	MWD	8010	91.05	358.54	N 1.46	W 63	3603.19	4781.29	3600.78	131.75	W	3603.19	357.90	0.32	-0.10	0.30		
82	MWD	8073	91.39	357.63	N 2.37	W 63	3666.18	4779.95	3663.73	133.86	W	3666.18	357.91	1.54	0.54	-1.44		
83	MWD	8137	91.36	357.26	N 2.74	W 64	3730.15	4778.42	3727.65	136.71	W	3730.16	357.90	0.58	-0.05	-0.58		
84	MWD	8200	91.17	355.92	N 4.08	W 63	3793.12	4777.02	3790.52	140.46	W	3793.12	357.88	2.15	-0.30	-2.13		
85	MWD	8264	90.83	355.60	N 4.40	W 64	3857.06	4775.91	3854.34	145.19	W	3857.07	357.84	0.73	-0.53	-0.50		
86	MWD	8327	90.74	356.13	N 3.87	W 63	3920.02	4775.04	3917.17	149.73	W	3920.03	357.81	0.85	-0.14	0.84		
87	MWD	8390	91.23	357.10	N 2.90	W 63	3982.99	4773.96	3980.05	153.45	W	3983.00	357.79	1.72	0.78	1.54		
88	MWD	8454	91.23	356.94	N 3.06	W 64	4046.96	4772.59	4043.94	156.78	W	4046.98	357.78	0.25	0.00	-0.25		
89	MWD	8517	91.05	357.39	N 2.61	W 63	4109.95	4771.33	4106.86	159.89	W	4109.97	357.77	0.77	-0.29	0.71		
90	MWD	8580	91.29	357.52	N 2.48	W 63	4172.93	4770.05	4169.78	162.69	W	4172.95	357.77	0.43	0.38	0.21		
91	MWD	8675	90.89	355.57	N 4.43	W 95	4267.88	4768.24	4264.59	168.41	W	4267.91	357.74	2.10	-0.42	-2.05		
92	MWD	8770	91.79	354.63	N 5.37	W 95	4362.73	4766.02	4359.21	176.52	W	4362.78	357.68	1.37	0.95	-0.99		
93	MWD	8865	91.63	354.53	N 5.47	W 95	4457.53	4763.18	4453.74	185.49	W	4457.60	357.62	0.20	-0.17	-0.11		
94	MWD	8960	91.08	356.31	N 3.69	W 95	4552.40	4760.94	4548.41	193.08	W	4552.51	357.57	1.96	-0.58	1.87		
95	MWD	9056	90.89	357.22	N 2.78	W 96	4648.37	4759.29	4644.24	198.49	W	4648.48	357.55	0.97	-0.20	0.95		
96	MWD	9151	91.51	357.62	N 2.38	W 95	4743.34	4757.30	4739.12	202.77	W	4743.46	357.55	0.78	0.65	0.42		
97	MWD	9245	91.91	357.18	N 2.82	W 94	4837.30	4754.49	4832.98	207.03	W	4837.42	357.55	0.63	0.43	-0.47		
98	MWD	9340	91.45	358.57	N 1.43	W 95	4932.25	4751.71	4927.88	210.55	W	4932.37	357.55	1.54	-0.48	1.46		
99	MWD	9435	90.40	358.50	N 1.50	W 95	5027.23	4750.17	5022.83	212.98	W	5027.34	357.57	1.11	-1.11	-0.07		
100	MWD	9530	89.94	357.86	N 2.14	W 95	5122.23	4749.89	5117.78	216.00	W	5122.34	357.58	0.83	-0.48	-0.67		
101	MWD	9625	90.62	357.49	N 2.51	W 95	5217.23	4749.43	5212.70	219.85	W	5217.34	357.58	0.81	0.72	-0.39		
102	MWD	9720	89.78	359.15	N 0.85	W 95	5312.22	4749.10	5307.66	222.64	W	5312.32	357.60	1.96	-0.88	1.75		
103	MWD	9815	89.66	358.60	N 1.40	W 95	5407.21	4749.56	5402.64	224.50	W	5407.30	357.62	0.59	-0.13	-0.58		
104	MWD	9910	89.78	358.40	N 1.60	W 95	5502.20	4750.02	5497.60	226.99	W	5502.29	357.64	0.25	0.13	-0.21		
105	MWD	10005	89.60	357.92	N 2.08	W 95	5597.20	4750.54	5592.55	230.04	W	5597.28	357.64	0.54	-0.19	-0.51		
106	MWD	10100	89.63	358.05	N 1.95	W 95	5692.20	4751.18	5687.49	233.38	W	5692.28	357.65	0.14	0.03	0.14		
107	MWD	10195	90.06	356.97	N 3.03	W 95	5787.19	4751.43	5782.40	237.51	W	5787.27	357.65	1.22	0.45	-1.14		
108	MWD	10290	90.86	358.46	N 1.54	W 95	5882.19	4750.67	5877.32	241.29	W	5882.27	357.65	1.78	0.84	1.57		

Section 27
34S 8W

Section 26
34S 8W

571' FWL
BHL: 11304'
-98.16337 37.055509

1728' FSL
Bottom Perf: 10700'
-98.163266 37.053786

Section 34
34S 8W

Section 35
34S 8W

Top Perf: 4990'
-98.161822 37.038458

Miss Entry: 4730'
STARKS 1-35H -98.161769 37.037886



Section 3
35S 8W

Section 2
35S 8W



Actual Bottom-Hole Location of Starks 1-35H
Harper County, Kansas

T&R: 34S 8W
Section: 26, 1728' FSL & 571' FWL
Long Lat: -98.16337 37.055509

1 in = 833 ft

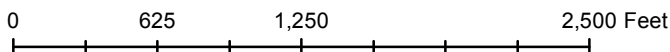


● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections



Draftsman:

Aaron Birk

Draft Date: 10/11/2012

Drawing Name/Number:

Addendum_Starks 1-35H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Logo

Back to Well Completion

Starks 1-35H (1087018)

Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

Attachments

Two Year Confidentiality OPERATOR	View PDF Delete
Cement Reports OPERATOR	View PDF Delete
Directional Survey OPERATOR	View PDF Delete
As Drilled Plat OPERATOR	View PDF Delete

[Add Attachment](#)

Remarks

Remarks to KCC	
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[Add Remark](#)

Remarks

Tiffany Golay 10/11/012 08:04 am	Additional Fluid Mgmt Info: 1770 bbls hauled to Richard Gray Mud Disposal, SW/4 15-24S-7W, Garfield, OK, License No. 323003
Tiffany Golay 07/11/012 07:55 am	TD: 11,304'