



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1127118
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: _____



1127118

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	Shrack 3406 2-28H
Doc ID	1127118

All Electric Logs Run

Boresight
Resistivity
Mudlog
Porosity
Prizm Log

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Shrack 3406 2-28H
Doc ID	1127118

Tops

Name	Top	Datum
Base Heebner	3289	
Tonkawa	3650	
Cottage Grove	3935	
Oswego Limestone	4270	
Cherokee Group	4395	
Verdigris Limestone	4426	
Mississippi Unconformity	4615	
Mississippi Limestone	4620	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Shrack 3406 2-28H
Doc ID	1127118

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	8290-8456	4221 bbls water, 36 bbls acid, 75M lbs sd, 4468 TLTR	
5	8719-9030	4215 bbls water, 36 bbls acid, 75M lbs sd, 9136 TLTR	
5	8300-8637	4208 bbls water, 36 bbls acid, 75M lbs sd, 13560 TLTR	
5	7216-7508	4180 bbls water, 36 bbls acid, 75M lbs sd, 15517 TLTR	
5	6866-7154	4175 bbls water, 36 bbls acid, 75M lbs sd, 20427 TLTR	
5	6501-6790	4169 bbls water, 36 bbls acid, 75M lbs sd, 24796 TLTR	
5	6150-6453	2659 bbls water, 36 bbls acid, 45M lbs sd, 27655 TLTR	
5	5821-6088	2654 bbls water, 36 bbls acid, 45M lbs sd, 30127 TLTR	
5	5573-5734	2650 bbls water, 36 bbls acid, 45M lbs sd, 32811 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 25, 2013

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

Re: ACO1
API 15-077-21912-01-00
Shrack 3406 2-28H
NW/4 Sec.28-34S-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 #
3/4/2013	1734

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
Parker	Net 45	3/4/2013	Shrack 3406 2-28H, Harper Cnty, KS	Unit 9

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 6x6 cellar hole.
6' X 6' Tinhorn	1	Furnished and set 6x6 tinhorn.
Mud and Water	1	Furnished mud and water.
Mud, Water, & Trucking	1	Transport mud and water to location.
Grout & Trucking	10	Furnished 10 yards of grout and trucking to location.
Grout Pump	1	Furnished grout pump
Fence Panels	1	Furnished and set safety netting around holes.
Welder & Materials	1	Furnished welder and materials.
Dirt Removal	1	Labor and Equip. for dirt removal.
Cover Plate	1	Furnished cover plates.
Permits	1	Permits
Mud, Water, & Trucking	1	Transport truck to displace cement down center.

AFE Number: OC 12674

Well Name: Shrack 3406 2-28H

Code: 850.010

Amount: [REDACTED]

Co. Man: J.P. Bias

Co. Man Sig.: [Signature]

Notes: _____

Subtotal	\$ [REDACTED]
Sales Tax (0.0%)	\$0.00
Total	\$ [REDACTED]

JOB SUMMARY			PROJECT NUMBER SOK 2485	TICKET DATE 03/09/13
COUNTY Harper	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Dwayne Burt	
LEASE NAME Shrack 3406	Well No. 2-28H	JOB TYPE Surface	EMPLOYEE NAME John Hall	

EMP NAME John Hall	0				
Bryan Douglas					
Rocky Anthis					
Joshau Klemm					

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **80** Pressure _____
Retainer Depth _____ Total Depth **720**

Date	Called Out	On Location	Job Started	Job Completed
Time				

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

Well Data						
	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing		36#	9 5/8"	Surface	720	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"	Surface	720	Shots/Ft.
Perforations						
Perforations						
Perforations						

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

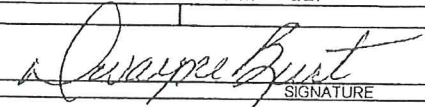
Perfpac Balls _____ Qty. _____
Other _____
Other _____
Other _____
Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/9	4.0	3/9	2.5	Surface
Total	4.0	Total	2.5	

Pressures	
MAX 1,500 PSI	AVG.
Average Rates in BPM	
MAX 5bpm	AVG.
Cement Left in Pipe	
Feet 41	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	370	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary					
Preflush Breakdown	Type: _____	Preflush: BBI	10.00	Type: Fresh Water	
	MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad: Bbl - Gal	N/A
	Lost Returns -	Excess /Return BBI		Calc. Disp Bbl	50
	Actual TOC	Calc. TOC:	SURFACE	Actual Disp.	50.00
Average	Bump Plug PSI:	Final Circ. PSI:		Disp: Bbl	50.00
ISIP 5 Min.	10 Min	Cement Slurry: BBI	158.8		
	15 Min	Total Volume BBI	168.80		

CUSTOMER REPRESENTATIVE _____

SIGNATURE

JOB SUMMARY

PROJECT NUMBER SOK 2514		TICKET DATE 03/17/13
COUNTY Harper	State Kansas	COMPANY Sandridge Exploration & Production
LEASE NAME Shrack 3406		Well No. 2-28H
JOB TYPE Intermediate		EMPLOYEE NAME John Hall
CUSTOMER REP Jerry Bias		

EMP NAME	John Hall	0				
	Bryan Douglas					
	Rocky Anthis					
	Joseph Klemm					

Form. Name _____ Type: _____

Packer Type _____ Set At _____ 0

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5,129'**

Date	Called Out	On Location	Job Started	Job Completed
	3/16/2013	3/16/2013	3/17/2013	3/16/2013
Time	1000am	1400	115	300

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

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	26#	7"		Surface	5,129'	5,000
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole		8 3/4"		Surface	5,129'	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	C-63 BBL.		30 8.50
Spacer type	BBL.		
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/16	13.0	3/16	2.5	Intermediate
Total	13.0	Total	2.5	

Pressures		
MAX	5,000 PSI	AVG.
Average Rates in BPM		
MAX	6bpm	AVG
Cement Left in Pipe		
Feet	95	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60
2	100	Premium	0.4% C-12 - 0.1% C-37	5.20	1.18	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	10	Type: c-63	Preflush: BBI	30.00	Type: WEIGHTED SP.
		MAXIMUM	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	Excess /Return BBI	N/A	Calc.Disp Bbl 194
		Actual TOC	Calc. TOC:		Actual Disp. 194.00
Average		Bump Plug PSI: 2,000	Final Circ. PSI:		Disp:Bbl 194.00
SIF	5 Min.	10 Min.	Cement Slurry: BBI	72.0	
		15 Min.	Total Volume BBI	296.00	

CUSTOMER REPRESENTATIVE *Jerry Bias* SIGNATURE



Standard Wellpath Report
Sandridge
Sec 28 - 34S - 6W, Kansas
Harper County
Wellbore: Schrack 3406 2-28H (Actual)

Wellbore

Name	Created	Last Revised
Schrack 3406 2-28H (Actual)	4-Mar-2013	26-Mar-2013

Well

Name	Government ID	Last Revised
Schrack 3406 2-28H		4-Mar-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Schrack 3406 2-28H	145579.0000	2152621.0000	N37 3 55.0836	W97 58 37.0909	165.99S	1880.92E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2150740.0000	145745.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 28 - 34S - 6W	2150740.0000	145745.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

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Comments

FINAL Surveys MD 9006 is a Projection to Bit @ TD
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Standard Wellpath Report
Sandridge
Sec 28 - 34S - 6W, Kansas
Harper County
Wellbore: Schrack 3406 2-28H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2152621.00	145579.00
785.00	0.30	133.800	785.00	1.42S	1.48E	0.04	1.47	2152622.48	145577.58
969.00	0.20	323.000	969.00	1.50S	1.64E	0.27	1.55	2152622.64	145577.50
1427.00	0.20	79.000	1426.99	0.71S	1.94E	0.07	0.77	2152622.94	145578.29
1902.00	0.50	41.300	1901.99	1.01N	4.12E	0.08	-0.88	2152625.12	145580.01
2377.00	0.60	87.800	2376.97	2.66N	7.98E	0.09	-2.42	2152628.98	145581.66
2852.00	1.20	130.800	2851.91	0.50S	14.23E	0.18	0.93	2152635.23	145578.50
3327.00	2.50	131.300	3326.65	10.58S	25.78E	0.27	11.36	2152646.78	145568.42
3612.00	0.80	283.000	3611.58	14.24S	28.51E	1.13	15.10	2152649.51	145564.76
3770.00	0.60	287.900	3769.57	13.74S	26.64E	0.13	14.54	2152647.65	145565.26
3802.00	1.10	243.400	3801.56	13.82S	26.21E	2.48	14.61	2152647.21	145565.18
3823.00	1.60	235.600	3822.56	14.08S	25.79E	2.53	14.85	2152646.79	145564.92
3865.00	2.20	223.300	3864.53	15.00S	24.75E	1.72	15.74	2152645.75	145564.00
3897.00	3.20	217.500	3896.50	16.15S	23.79E	3.24	16.87	2152644.79	145562.85
3928.00	4.60	206.400	3927.43	17.95S	22.71E	5.11	18.63	2152643.71	145561.05
3960.00	6.80	204.300	3959.27	20.83S	21.36E	6.90	21.47	2152642.36	145558.17
3991.00	9.20	204.300	3989.96	24.76S	19.58E	7.74	25.34	2152640.58	145554.24
4023.00	11.70	199.800	4021.43	30.15S	17.43E	8.21	30.66	2152638.43	145548.85
4055.00	14.20	194.300	4052.61	37.00S	15.36E	8.70	37.45	2152636.36	145542.00
4086.00	16.90	190.400	4082.48	45.12S	13.61E	9.34	45.51	2152634.61	145533.88
4118.00	19.40	189.100	4112.88	54.94S	11.93E	7.91	55.28	2152632.93	145524.05
4150.00	22.30	188.000	4142.78	66.21S	10.24E	9.14	66.49	2152631.24	145512.79
4181.00	25.40	187.400	4171.13	78.63S	8.57E	10.03	78.85	2152629.57	145500.37
4214.00	28.50	187.000	4200.55	93.46S	6.69E	9.41	93.62	2152627.70	145485.53
4246.00	31.30	186.400	4228.28	109.31S	4.84E	8.80	109.40	2152625.84	145469.69
4277.00	34.00	185.800	4254.38	125.93S	3.06E	8.77	125.97	2152624.06	145453.06
4309.00	37.20	185.300	4280.40	144.47S	1.27E	10.04	144.44	2152622.27	145434.52
4341.00	40.40	185.100	4305.33	164.44S	0.55W	10.01	164.35	2152620.45	145414.55
4373.00	43.20	184.900	4329.19	185.68S	2.41W	8.76	185.53	2152618.59	145393.31
4405.00	46.90	184.300	4351.79	208.26S	4.22W	11.64	208.03	2152616.78	145370.74
4469.00	51.40	179.800	4393.65	256.60S	5.89W	8.81	256.31	2152615.11	145322.39
4564.00	51.10	178.300	4453.12	330.68S	4.66W	1.27	330.38	2152616.34	145248.31
4628.00	50.30	177.300	4493.66	380.16S	2.76W	1.74	379.91	2152618.24	145198.82
4691.00	52.10	177.300	4533.13	429.21S	0.45W	2.86	429.00	2152620.55	145149.77
4723.00	55.00	177.800	4552.14	454.92S	0.65E	9.15	454.73	2152621.65	145124.06
4755.00	57.00	177.500	4570.03	481.43S	1.74E	6.30	481.26	2152622.74	145097.55
4786.00	59.40	176.800	4586.37	507.74S	3.05E	7.98	507.60	2152624.05	145071.24
4818.00	63.60	176.900	4601.63	535.81S	4.59E	13.13	535.70	2152625.59	145043.17
4849.00	67.40	177.100	4614.49	563.98S	6.07E	12.27	563.90	2152627.07	145015.00
4881.00	70.50	177.000	4625.98	593.80S	7.61E	9.69	593.75	2152628.61	144985.18
4913.00	73.90	177.400	4635.76	624.22S	9.09E	10.69	624.21	2152630.09	144954.75
4944.00	77.40	177.900	4643.44	654.23S	10.32E	11.40	654.24	2152631.32	144924.74
4975.00	80.80	178.500	4649.30	684.65S	11.28E	11.13	684.68	2152632.28	144894.32
5007.00	83.80	178.900	4653.59	716.35S	12.00E	9.46	716.38	2152633.00	144862.62
5163.00	90.20	176.900	4661.75	871.94S	17.71E	4.30	872.08	2152638.71	144707.02
5256.00	90.40	176.300	4661.26	964.78S	23.23E	0.68	965.04	2152644.23	144614.18
5348.00	90.10	176.800	4660.86	1056.61S	28.76E	0.63	1056.99	2152649.76	144522.35
5439.00	89.40	176.800	4661.26	1147.46S	33.84E	0.77	1147.96	2152654.84	144431.49
5530.00	90.10	177.100	4661.66	1238.33S	38.68E	0.84	1238.94	2152659.69	144340.61
5623.00	89.60	177.300	4661.90	1331.22S	43.23E	0.58	1331.92	2152664.23	144247.72
5714.00	91.60	177.900	4660.95	1422.13S	47.04E	2.29	1422.90	2152668.04	144156.81
5806.00	92.20	178.100	4657.90	1514.02S	50.25E	0.69	1514.85	2152671.25	144064.91
5898.00	91.90	179.000	4654.61	1605.94S	52.57E	1.03	1606.79	2152673.58	143972.99
5990.00	90.30	179.800	4652.84	1697.91S	53.54E	1.94	1698.75	2152674.54	143881.02
6081.00	89.50	179.000	4653.00	1788.90S	54.49E	1.24	1789.73	2152675.49	143790.02
6176.00	88.70	178.100	4654.49	1883.86S	56.89E	1.27	1884.72	2152677.90	143695.06
6271.00	88.90	178.500	4656.48	1978.80S	59.71E	0.47	1979.70	2152680.71	143600.12
6367.00	89.80	178.900	4657.57	2074.76S	61.89E	1.03	2075.69	2152682.89	143504.15
6462.00	90.10	178.500	4657.65	2169.74S	64.04E	0.53	2170.68	2152685.05	143409.17
6557.00	90.00	178.100	4657.57	2264.70S	66.86E	0.43	2265.68	2152687.86	143314.20
6652.00	90.30	177.800	4657.32	2359.64S	70.26E	0.45	2360.68	2152691.26	143219.26
6748.00	90.10	177.900	4656.99	2455.57S	73.86E	0.23	2456.68	2152694.86	143123.32
6843.00	90.20	177.300	4656.74	2550.48S	77.84E	0.64	2551.67	2152698.84	143028.40
6939.00	91.00	178.000	4655.73	2646.40S	81.78E	1.11	2647.66	2152702.78	142932.49
7034.00	91.20	177.600	4653.91	2741.31S	85.42E	0.47	2742.64	2152706.43	142837.57
7129.00	91.00	178.300	4652.08	2836.23S	88.82E	0.77	2837.62	2152709.82	142742.65
7224.00	90.60	179.800	4650.76	2931.20S	90.39E	1.63	2932.60	2152711.40	142647.67
7319.00	88.50	179.300	4651.50	3026.19S	91.14E	2.27	3027.57	2152712.14	142552.67
7414.00	88.70	179.500	4653.82	3121.16S	92.14E	0.30	3122.52	2152713.14	142457.70
7510.00	89.50	180.100	4655.33	3217.15S	92.47E	1.04	3218.47	2152713.47	142361.71

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Schrack 3406 2-28H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 178.260 degrees

Bottom hole distance is 4714.20 Feet on azimuth 178.21 degrees from Wellhead
Calculation method uses Minimum Curvature method

Prepared by
Date Printed: 26-Mar-2013



Standard Wellpath Report
 Sandridge
 Sec 28 - 34S - 6W, Kansas
 Harper County
 Wellbore: Schrack 3406 2-28H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7605.00	89.80	180.100	4655.91	3312.14S	92.30E	0.32	3313.42	2152713.31	142266.71
7700.00	90.80	178.600	4655.42	3407.13S	93.38E	1.90	3408.40	2152714.39	142171.72
7795.00	89.10	178.800	4655.50	3502.10S	95.54E	1.80	3503.39	2152716.54	142076.74
7890.00	88.60	178.500	4657.41	3597.06S	97.77E	0.61	3598.37	2152718.78	141981.78
7985.00	89.90	177.300	4658.65	3691.98S	101.26E	1.86	3693.36	2152722.26	141886.86
8080.00	90.40	177.400	4658.40	3786.88S	105.65E	0.54	3788.34	2152726.65	141791.95
8175.00	90.20	177.800	4657.90	3881.80S	109.63E	0.47	3883.33	2152730.63	141697.03
8270.00	88.60	177.800	4658.90	3976.72S	113.27E	1.68	3978.32	2152734.28	141602.11
8365.00	90.20	177.400	4659.89	4071.63S	117.25E	1.74	4073.31	2152738.26	141507.20
8460.00	90.20	177.800	4659.56	4166.54S	121.23E	0.42	4168.30	2152742.23	141412.28
8555.00	90.30	176.800	4659.15	4261.43S	125.70E	1.06	4263.29	2152746.71	141317.38
8651.00	90.40	177.100	4658.56	4357.30S	130.81E	0.33	4359.26	2152751.82	141221.51
8747.00	90.60	177.000	4657.72	4453.17S	135.75E	0.23	4455.23	2152756.76	141125.64
8842.00	90.30	177.500	4656.98	4548.05S	140.31E	0.61	4550.22	2152761.32	141030.75
8936.00	89.60	177.600	4657.06	4641.97S	144.33E	0.75	4644.21	2152765.33	140936.83
8959.00	89.60	177.400	4657.22	4664.94S	145.33E	0.87	4667.20	2152766.34	140913.85
9006.00	89.60	177.400	4657.55	4711.89S	147.46E	==>	4714.20	2152768.47	140866.90

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 Prepared by
 Date Printed: 26-Mar-2013

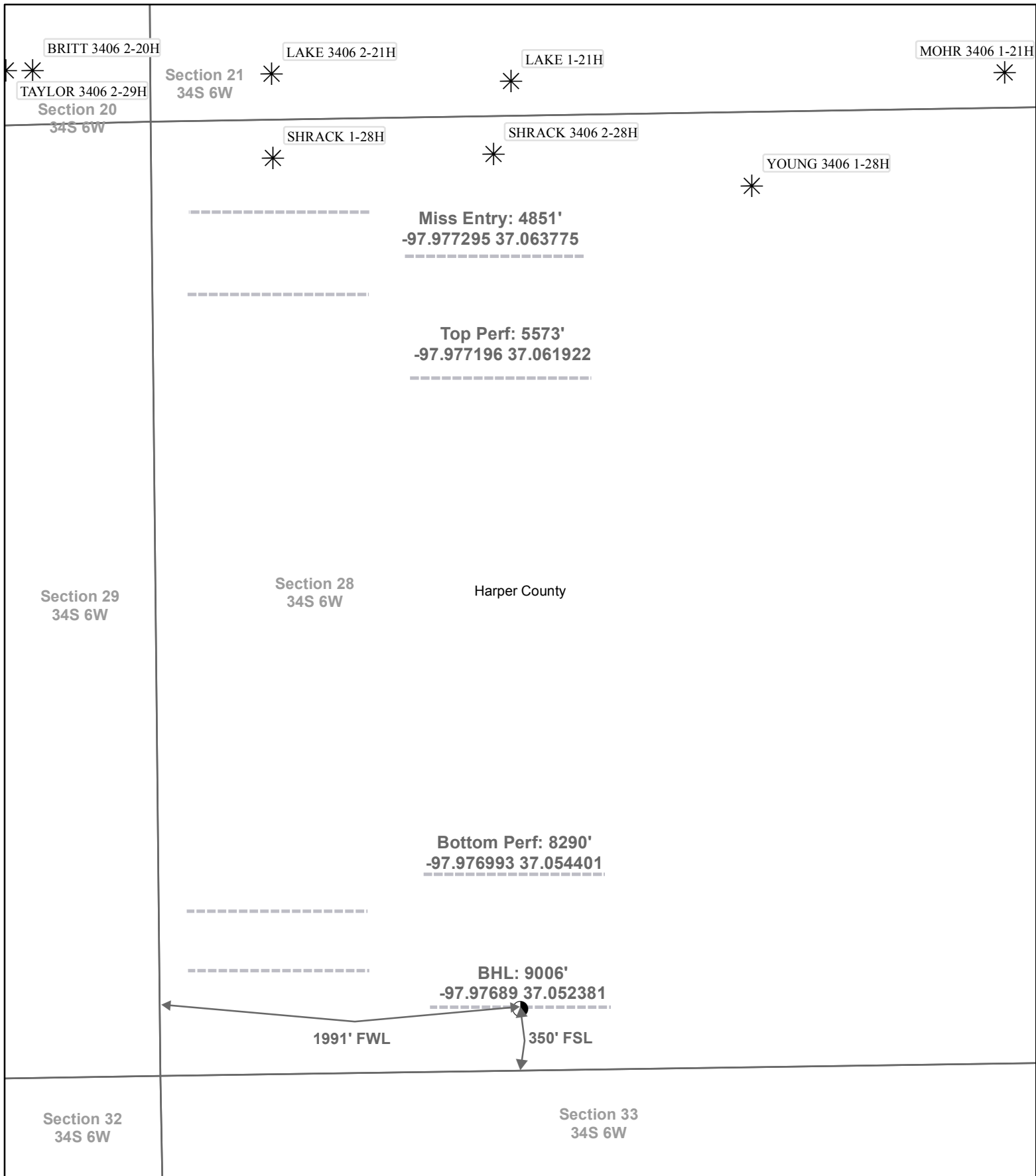


Standard Wellpath Report
Sandridge
Sec 28 - 34S - 6W, Kansas
Harper County
Wellbore: Schrack 3406 2-28H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9006.00	4657.55	4711.89S	147.46E	Projection to bit @ TD

All data is in Feet unless otherwise stated
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SANDRIDGE
THE POWER OF US™

Actual Bottom-Hole Location of Shrack 3406 2-28H
Harper County, Kansas
T&R: 34S 6W
Section: 28, 1991' FWL & 350' FSL
-97.97689 37.052381

1 in = 703 ft

0 500 1,000 2,000 Feet

● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

Draftsman:
Aaron Birk

Draft Date: 6/17/2013

Drawing Name/Number:
Addendum_Shrack 3406 2-28H.mxd

Coordinate System:
NAD 1927 State Plane
Kansas South FIPS: 1502

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	4/17/2013
Job End Date:	4/18/2013
State:	Kansas
County:	Harper
API Number:	15-077-21912-00-00
Operator Name:	SandRidge Energy
Well Name and Number:	Shrack 3406 2-28H
Longitude:	-97.97690000
Latitude:	37.06530000
Datum:	NAD27
Federal/Tribal Well:	NO
Total Base Water Volume (gal):	1,344,168
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
Water	Select	Carrier/Base Fluid	Water	7732-18-5	100.00000	94.31650	None
Sand (Proppant)	Archer	Proppant	Silica Substrate	NA	100.00000	4.53997	None
Hydrochloric Acid (15%)	Archer	Acidizing	Hydrochloric Acid	7647-01-0	15.00000	0.15180	None
			NONYL PHENOL, 4 MOL	104-40-5	10.00000	0.00444	None
			Methyl Alcohol	67-56-1	80.00000	0.00126	None
			thiourea-formaldehyde copolymer	68527-49-1	15.00000	0.00024	None
Chemflush	Archer	Enviro-Friendly Chemical Flush	Hydrotreated Petroleum Distillate	64742-47-8	99.00000	0.01150	None
			Alcohol Ethoxylate Surfactants	NA	10.00000	0.00116	None
AIC	Archer	Liquid Acid Iron Control	Acetic Acid	64-19-7	50.00000	0.00282	None
			Citric Acid	77-92-9	30.00000	0.00169	None
Chlorine Dioxide	Sabre Energy Services	Oxidizer	Water	7732-18-5	99.90000	0.00074	
			Chlorine Dioxide	10069-04-4	0.40000	0.00074	

Hydrochloric Acid Solutions	Sabre Energy Services	Acidizer					
			Hydrochloric Acid	7647-01-0		32.00000	0.00043
Sabrechlor 25	Sabre Energy Services	Oxidizer					
			Sodium Chlorite	7758-19-2		25.00000	0.00018
			Component A	N/A		1.00000	0.00018
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Chemicals					
			Water	7732-18-5			0.03401
			WATER	7732-18-5			0.02661
			TRADE SECRET	N/A			0.01774
			Aliphatic Hydrocarbon	64742-47-8			0.01701
			Anionic Polymer	N/A			0.01701
			Water	7732-18-5			0.01051
			ISOPROPANOL	67-63-0			0.00444
			METHANOL	67-56-1			0.00444
			Oxyalkylated Alcohol	68002-97-1			0.00283
			Polyol Ester	N/A			0.00283
			Water	7732-18-5			0.00197
			Sodium Salt of Phosphate Ester	68131-72-6			0.00175
			Acrylic Polymer	28205-96-1			0.00175
			Polyglycol Ester	N/A			0.00057
			Alcohol Ethoxylate Surfactants	N/A			0.00024
			n-olefins	N/A			0.00013
			Propargyl Alcohol	107-19-7			0.00009
			Tetrasodium Ethylenediaminetetraacetate	64-02-8			0.00006

* 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)

Remarks

Tiffany Golay 06/10/013 09:49 am	TVD 4,661'
Tiffany Golay 06/10/013 09:49 am	Conductor weight= 94 lbs/ft
Tiffany Golay 06/10/013 09:48 am	Well was completed using and open hole packer system