



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1082504
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 Date Reached TD Completion Date or Recompletion Date

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: _____

1082504

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
--	---

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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	Teal 1-27H
Doc ID	1082504

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	24	20	75	110	Mid-Continent 8 sack grout	11	none
Surface	17.5	13.37	68	562	O-TEX Lite Standard/ Standard	1000	(6% Gel) 2% Calcium Chloride, 1/2 pps Cello- Flake, .5% C-41P
Intermedia te	8.75	7	26	5516	50/50 POZ Premium/ Premium	300	4% Gel, .4% C12, .1% C37, .5% C41P, 2 lb/sk Phenoseal
Production	6.12	4.5	11.6	9405	50/50 Premium Poz	500	(4% Gel) .4% C12, .1% C37, .5% C- 41P, 2 lb/sk Phenoseal

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

Sam Brownback, Governor

August 13, 2012

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

Re: ACO1
API 15-033-21632-01-00
Teal 1-27H
SE/4 Sec.27-31S-20W
Comanche 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 #
5/2/2012	1306

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
Jason Harrison	Net 45	5/2/2012	Teal I-27H, Comanche Cnty, KS	Lariat 45

Item	Quantity	Description	
Conductor Hole	102	Drilled 102 ft. conductor hole	
20" Pipe	102	Furnished 102 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	11	Furnished grout and trucking to location	
Grout Pump	1	Furnished grout pump	
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	
		Subtotal	\$24,274.00
		Sales Tax (0.0%)	\$0.00
		Total	\$24,274.00

JOB SUMMARY			PROJECT NUMBER SOK1449	TICKET DATE 05/07/12
COUNTY COMANCHE	State KANSAS	COMPANY Bridge Exploration & Produc	CUSTOMER REP CLAUDE HALLMARK	
LEASE NAME TEAL	Well No. 1-27H	JOB TYPE Surface	EMPLOYEE NAME Robert Burris	

EMP NAME	EMP NAME	EMP NAME	EMP NAME	EMP NAME
Robert Burris	LOUIS ARNEY			
Arthur Setzar	JASON JONES			
Flo Helkena	CHERYL NEWTON			
Rocky Anthis				

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **500'**

Date	Called Out 5/7/2012	On Location 5/7/2012	Job Started 5/7/2012	Job Completed 5/9/2012
Time	22:30	02:35	19:00	11:00

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		68#	13	3/8	Surface	527	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			17 1/2		Surface	500'	Shots/Ft.
Perforations							
Perforations							
Perforations							

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/7	1.5	5/9	7.0	Surface
5/8	24.0			
5/9	12.0			
Total	37.5	Total	7.0	

Pressures		Average Rates in BPM	
MAX	1,500 PSI	AVG.	250
MAX	6 BPM	AVG	5
Feet	42	Cement Left in Pipe	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	O-TEX Lite Standard	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	265	Standard	2% Calcium Chloride - 1/4pps Cello-Flake	5.20	1.18	15.60
3	1150	Standard	2% Calcium Chloride on side to use if necessary	5.20	1.18	15.60

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average	15IP _____	5 Min. _____	10 Min. _____	15 Min. _____	
Preflush:	BBI	10.00	Type: Fresh Water		
Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal	N/A	
Excess /Return	BBI	0	Calc. Disp Bbl	84	
Calc. TOC:		SURFACE	Actual Disp.	77.00	
Final Circ.	PSI:	450	Disp:Bbl		
Cement Slurry:	BBI	138.0			
Total Volume	BBI	225.00			

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK1476	TICKET DATE 05/15/12
COUNTY COMANCHE	State KANSAS	COMPANY Sandridge Exploration & Production	CUSTOMER REP JESSIE NEW	
LEASE NAME TEAL	Well No. 1-27H	JOB TYPE Intermediate	EMPLOYEE NAME Matt Wilson	

EMP NAME					
Matt Wilson		10			
Jayson Pierce					
Thomas Walker					
David Thomas					

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 5,530'

Date	Called Out 5/16/2012	On Location 5/16/2012	Job Started 5/16/2012	Job Completed 5/16/2012
Time	9:00 am	3:00 pm	8:40 pm	11:00 pm

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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	
Casing		26#	7"		From Surface
Liner					To 5,516
Liner					Max. Allow 5,000
Tubing			0		
Drill Pipe					
Open Hole			8 3/4"	Surface	5,516
Perforations					Shots/Ft.
Perforations					
Perforations					

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh Water BBL.	20	8.33
Spacer type	Caustic BBL.	10	8.40
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	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/16	8.0	5/16	4.0	Intermediate
Total	8.0	Total	4.0	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

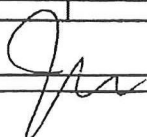
Other _____

Pressures		
MAX	5,000 PSI	AVG 500
Average Rates in BPM		
MAX	8 BPM	AVG 6
Cement Left in Pipe		
Feet	91	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	16.60
3	0	0	0	0.00	0.00	0.00

Summary					
Preflush	<u>10</u>	Type: Caustic	Preflush: BBI	<u>20.00</u>	Type: Fresh Water
Breakdown		MAXIMUM 5,000 PSI	Load & Bkdn: Gal - BBI	<u>N/A</u>	Pad:Bbl -Gal <u>N/A</u>
		Lost Returns-N NO/FULL	Excess /Return BBI	<u>N/A</u>	Calc.Disp Bbl <u>208</u>
		Actual TOC	Calc. TOC:	<u>3.651</u>	Actual Disp. <u>208.00</u>
Average		Bump Plug PSI:	Final Circ. PSI:	<u>7.40</u>	Disp:Bbl
ISIP	5 Min.	10 Min	Cement Slurry: BBI	<u>72.0</u>	
		15 Min	Total Volume BBI	<u>300.00</u>	

CUSTOMER REPRESENTATIVE _____



SIGNATURE _____

JOB SUMMARY			PROJECT NUMBER SOK1494	TICKET DATE 05/23/12
COUNTY COMANCHE	State KANSAS	COMPANY Bridge Exploration & Produc	CUSTOMER REP JESSIE NEW	
LEASE NAME TEAL	Well No. 1-27H	JOB TYPE Liner	EMPLOYEE NAME Robert Burris	

EMP NAME Robert Burris	0.00				
Bryan Douglas					
Marcos Quintana					
Jessie McClain					

Form. Name _____ Type: _____

Packer Type _____ Set At **5,516'**

Bottom Hole Temp. **150** Pressure _____

Retainer Depth _____ Total Depth **9,405'**

	Called Out	On Location	Job Started	Job Completed
Date	5/23/2012	5/23/2012	5/23/2012	5/23/2012
Time	07:00	10:30	14:30	17:45

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		5,233'	9,543'	3,500
Liner Tool					5,215'	5,233'	3,500
HWDP					3,836.33'	5,215'	3,500
Drill Pipe			3 1/2"		Surface	3,836.33'	3,500
Drill Collars							3,500
Open Hole			6 1/8"		Surface	9,405'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9.1 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	C-63	BBL.	30 9.00
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			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
5/23	7.5	5/23	3.5	Liner
Total	7.5	Total	3.5	

Pressures			
MAX	3,500 PSI	AVG.	100
Average Rates in BPM			
MAX	6 BPM	AVG	4
Cement Left in Pipe			
Feet	88	Reason	SHOE JOINT

Cement Data				Additives			
Stage	Sacks	Cement			W/Rq.	Yield	Lbs/Gal
1	600	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal		6.77	1.44	13.60
2	0	0		0	0.00	0.00	0.00
3	0	0		0	0.00	0.00	0.00

Summary								
Preflush	_____	Type:	_____	Preflush:	BBI	30.00	Type:	9#SPACER
Breakdown	_____	MAXIMUM	3,500 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal	N/A
	_____	Lost Returns-N	NO/FULL	Excess /Return	BBI	N/A	Calc. Disp Bbl	113
	_____	Actual TOC	4,697'	Calc. TOC:		4,697'	Actual Disp.	113.00
Average	_____	Bump Plug PSI:	650	Final Circ.	PSI:	150	Disp:Bbl	_____
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	120.5		
				Total Volume	BBI	263.54		

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

JOB SUMMARY

PROJECT NUMBER SOK1498		TICKET DATE 05/24/12	
COUNTY COMANCHE		State KANSAS	
COMPANY Bridge Exploration & Produc		CUSTOMER REP Clause	
LEASE NAME TEAL		EMPLOYEE NAME Larry Kirchner Jr.	
Well No. 1-27H		JOB TYPE Squeeze Job	

EMP NAME	
Larry Kirchner Jr.	10
John Hall	
Robert Stonehocker	
Wallace Berry	

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	5/24/2012	6/24/2012	5/24/2012	5/24/2012
Time	3:00AM	7:00AM	2:00PM	4:00PM

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
SWAGE	1	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				Surface		1,500
Retainer					4,100	
Liner						
Tubing		3 1/2 IF				
Drill Pipe						
Open Hole				Surface		Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

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

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
5/24	9.0
Total	9.0

Operating Hours

Date	Hours
5/24	2.0
Total	2.0

Description of Job

Squeeze Job

Pressures

MAX 1,500 PSI	AVG. 100
Average Rates in BPM	
MAX 6 BPM	AVG 5
Cement Left in Pipe	
Feet 0	Reason Squeeze

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	300	Class H (Premium)		5.30	1.18	15.70
2						
3						

Summary

Preflush Breakdown	Type: _____	MAXIMUM 1,500 PSI	Preflush: BBI 10.00	Type: Fresh Water
	Lost Returns-N	NO/FULL	Load & Bkdn: Gal - BBI N/A	Pad:Bbl -Gal N/A
	Actual TOC	SURFACE	Excess /Return BBI N/A	Calc. Disp Bbl 64
Average	Bump Plug PSI:		Calc. TOC: SURFACE	Actual Disp. 64.00
ISIP 5 Min.	10 Min.	15 Min.	Final Circ. PSI: 150	Disp:Bbl
			Cement Slurry: BBI 63.0	
			Total Volume BBI 137.00	

CUSTOMER REPRESENTATIVE Clark Hallmark SIGNATURE

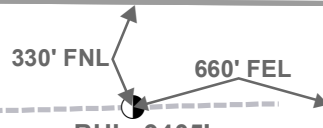
DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name		Target Direction	Slot	N / S	E / W	Hole Size	Calculation by	Date			
Teal 1-27H		1.17	Coordinate					8/27/12			
Job Number		Type of Survey	Tie-in Point				Directional Co.				
0											
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft	
						N + / S -	E + / W -				
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>			
966	0	330	966	965.99	2.89	2.92	-1.69	0.04	0.04	34.16	
1438	1	334	472	1,437.95	7.95	8.04	-4.33	0.13	0.13	0.78	
1913	0	272	475	1,912.93	11.64	11.80	-7.41	0.19	-0.15	-13.01	
2388	1	345	475	2,387.92	13.65	13.84	-9.19	0.11	0.04	15.43	
2862	1	353	474	2,861.88	18.91	19.12	-10.14	0.07	0.06	1.56	
3337	1	353	475	3,336.83	25.89	26.12	-11.00	0.02	0.02	0.17	
3813	2	333	476	3,812.69	36.57	36.89	-14.96	0.23	0.21	-4.20	
3908	1	6	95	3,907.66	38.88	39.20	-15.57	1.20	-0.84	-344.42	
4003	2	16	95	4,002.61	41.54	41.86	-14.96	1.19	1.16	10.63	
4098	2	18	95	4,097.56	44.73	45.03	-13.99	0.42	-0.42	1.58	
4130	2	15	32	4,129.54	45.70	45.99	-13.71	0.29	0.00	-9.38	
4162	2	14	32	4,161.52	46.68	46.97	-13.46	0.13	0.00	-4.06	
4194	3	7	32	4,193.50	47.90	48.18	-13.26	2.62	2.50	-20.63	
4225	4	8	31	4,224.45	49.70	49.97	-13.03	4.84	4.84	2.26	
4257	5	8	32	4,256.35	52.11	52.38	-12.69	1.57	1.56	2.19	
4289	5	11	32	4,288.25	54.70	54.96	-12.26	0.84	0.63	6.88	
4320	6	10	31	4,319.12	57.45	57.70	-11.75	2.26	2.26	-0.32	
4352	7	8	32	4,350.93	60.93	61.17	-11.21	5.08	5.00	-8.13	
4384	10	7	32	4,382.59	65.52	65.75	-10.61	7.50	7.50	-1.56	
4447	14	8	63	4,444.22	78.43	78.63	-8.93	7.62	7.62	0.32	
4479	17	7	32	4,475.04	86.96	87.14	-7.88	7.85	7.81	-2.81	
4510	19	6	31	4,504.53	96.48	96.63	-6.84	7.44	7.42	-1.94	
4542	21	6	32	4,534.57	107.46	107.60	-5.68	6.56	6.56	0.00	
4700	34	9	158	4,674.38	179.83	179.78	4.54	8.10	8.04	2.15	
4732	36	10	32	4,700.62	197.94	197.83	7.61	6.31	6.25	1.56	
4795	39	8	63	4,750.60	235.94	235.71	13.52	5.43	5.08	-3.17	
4859	45	8	64	4,798.03	278.56	278.22	19.50	9.53	9.53	0.31	
4954	50	8	95	4,862.25	348.01	347.48	29.42	4.74	4.74	0.11	
5080	48	7	126	4,945.33	442.15	441.39	41.80	1.72	-1.51	-1.11	
5143	50	6	63	4,986.91	489.29	488.44	46.95	3.14	2.86	-1.75	
5175	53	5	32	5,006.85	514.24	513.35	49.34	11.60	11.56	-1.25	
5237	62	5	62	5,040.18	566.35	565.37	53.83	13.42	13.39	-1.13	
5270	66	4	33	5,054.64	595.96	594.94	55.92	14.85	14.55	-3.33	
5302	71	3	32	5,066.26	625.75	624.71	57.53	14.56	14.38	-2.50	
5333	75	2	31	5,075.45	655.34	654.28	58.82	11.36	11.29	-1.29	
5365	77	3	32	5,083.27	686.36	685.28	60.12	8.46	8.44	0.63	
5397	80	2	32	5,089.71	717.70	716.60	61.27	7.89	7.50	-2.50	
5428	82	1	31	5,094.64	748.30	747.19	62.02	8.29	8.06	-1.94	
5460	84	1	32	5,098.42	780.08	778.96	62.46	7.12	6.88	-1.88	
5557	88	1	97	5,105.02	876.83	875.71	63.90	3.78	3.71	0.72	
5589	89	2	32	5,105.77	908.82	907.69	64.68	4.85	4.69	1.25	
5621	91	2	32	5,105.75	940.82	939.68	65.57	4.06	4.06	0.00	
5716	91	2	95	5,104.25	1,035.81	1,034.63	68.31	0.43	0.42	0.11	
5811	91	1	95	5,102.18	1,130.78	1,129.59	70.13	1.30	0.32	-1.26	
5906	91	359	95	5,100.44	1,225.72	1,224.56	69.30	2.23	-0.74	376.84	
6001	91	358	95	5,098.87	1,320.60	1,319.51	66.73	0.54	0.53	-0.11	
6096	91	358	95	5,097.29	1,415.45	1,414.45	63.58	0.82	-0.53	-0.63	
6190	91	357	94	5,095.73	1,509.24	1,508.34	59.48	0.83	0.53	-0.64	
6285	91	356	95	5,094.07	1,603.90	1,603.14	53.52	1.74	-0.42	-1.68	
6412	94	357	127	5,089.09	1,730.33	1,729.77	45.44	2.57	2.28	1.18	
6480	91	354	68	5,086.30	1,797.94	1,797.49	40.17	6.04	-3.97	-4.56	
6570	92	353	90	5,084.02	1,887.05	1,886.83	29.59	1.94	1.00	-1.67	
6665	92	353	95	5,081.04	1,980.99	1,981.04	17.69	0.67	-0.21	0.63	
6760	92	355	95	5,077.97	2,075.19	2,075.46	7.77	1.92	0.32	1.89	
6855	91	355	95	5,075.32	2,169.62	2,170.08	-0.35	0.94	-0.84	0.42	
6950	90	356	95	5,073.99	2,264.19	2,264.81	-7.38	1.27	-0.84	0.95	
7045	92	358	95	5,072.17	2,358.90	2,359.64	-12.60	2.01	1.47	1.37	

Section 22
31S 20W

Section 23
31S 20W



BHL: 9405'
-99.474695 37.322346

Bottom Perf: 8937'
-99.47463 37.321093

Top Perf: 7912'
-99.474749 37.318256

Section 27
31S 20W

Section 26
31S 20W

Miss Entry: 5229'
-99.474353 37.311067

TEAL 1-27H

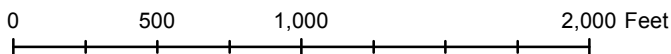


Section 34
31S 20W

Section 35
31S 20W



Actual Bottom-Hole Location of Teal 1-27H
Comanche County, Kansas
T&R: 31S 20W
Section: 27, 330' FNL & 660' FEL
Long: -99.474695 37.322346
1 in = 667 ft



- Actual BH Location
- SandRidge Wells
- Perf
- Sections

Draftsman: Aaron Birk	Draft Date: 8/28/2012
Drawing Name/Number: Addendum_Teal_1-27H .mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

Logo

Back to Well Completion

Teal 1-27H (1082504)

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

Add Remark

Remarks

Tiffany Golay 08/29/012 09:40 am	Additional Fluid Management Information: 2000 bbls hauled to LoJo Disposal, Pit #1: SW quarter of 10-26N-15W, Woods County, OK 760 bbls hauled to Gray Mud Disposal West half of SW quarter of 15-24S 7W, Garifield County, OK
Tiffany Golay 08/14/012 09:38 am	Conductor weight= 106.5 lbs/ft Cementing info: Conductor- 11 yds of grout used, Surface- 1665 sacks used