



KANSAS CORPORATION COMMISSION 1064657
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34192
Name: SandRidge Exploration and Production LLC
Address 1: 123 ROBERT S. KERR AVE
Address 2: _____
City: OKLAHOMA CITY State: OK Zip: 73102 + 6406
Contact Person: Karen Sharp
Phone: (405) 429-5745
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: Tammy Alcorn
Purchaser: Coffeyville Resources; Atlas

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>08/14/2011</u>	<u>08/30/2011</u>	<u>09/20/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21745-01-00
Spot Description: _____
S2 S2 SW SE Sec. 16 Twp. 35 S. R. 6 East West
200 Feet from North / South Line of Section
1980 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Harper
Lease Name: Green Well #: 1-16H
Field Name: Waldron West
Producing Formation: Mississippi
Elevation: Ground: 1232 Kelly Bushing: 1252
Total Depth: 9163 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 583 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: 10500 ppm Fluid volume: 8350 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Triple C Farming
Lease Name: Gray Mud Disposal License #: 99999
Quarter NE Sec. 15 Twp. 24 S. R. 7 East West
County: W Garfield, OK Permit #: 18278

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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garcia Date: 12/15/2011



1064657

Operator Name: SandRidge Exploration and Production LLC Lease Name: Green Well #: 1-16H
 Sec. 16 Twp. 35 S. R. 6 East West County: Harper

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Base Heebner</td> <td>3312</td> <td>-2065</td> </tr> <tr> <td>Cherokee Group</td> <td>4556</td> <td>-3210</td> </tr> <tr> <td>Mississippi Chat</td> <td>4838</td> <td>-3403</td> </tr> <tr> <td>Mississippi Lime</td> <td>4850</td> <td>-3409</td> </tr> </table>	Name	Top	Datum	Base Heebner	3312	-2065	Cherokee Group	4556	-3210	Mississippi Chat	4838	-3403	Mississippi Lime	4850	-3409
Name	Top	Datum														
Base Heebner	3312	-2065														
Cherokee Group	4556	-3210														
Mississippi Chat	4838	-3403														
Mississippi Lime	4850	-3409														

CASING RECORD <input checked="" 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
Surface	12.25	9.63	36	586	Standard:Poz	175	
Intermediate	8.75	7	26	5142	50/50 Poz Premium	270	
Liner	6.13	4.5	11.6	9164	50/50 Poz premium	475	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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
Attached	Attached	Attached	Attached

TUBING RECORD:	Size: <u>2-7/8</u>	Set At: <u>4882</u>	Packer At: <u>4871</u>	Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>09/20/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input checked="" 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

DISPOSITION OF GAS: <input checked="" 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>6041-9055</u>
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Green 1-16H
Doc ID	1064657

Perforations

6	90052-55;8922-25;8792-95	frac w/3732 bbls Slickwtr, 45 bbls 15% NEFE HCL, 122 BBLS GELLED ACID, 75M # 40/70 SD. 3898 TLTR.	
6	8659-62;8529-32;8399-8402	frac w/3747 bbls Slickwtr, 39 bbls 15% NEFE HCL, 125 BBLS GELLED ACID, 75M # 40/70 SD. 79909 TLTR.	
6	8266-69;8136-39;8006-09	frac w/4000 bbls Slickwtr, 37 bbls 15% NEFE HCL, 129 BBLS GELLED ACID, 74M # 40/70 SD. 12167 TLTR.	
6	7873-76;7743-46;7613-16	frac w/3797 bbls Slickwtr, 40 bbls 15% NEFE HCL, 136 BBLS GELLED ACID, 73M # 40/70 SD. 16226 TLTR.	
6	7480-83;7350-53;7220-23	frac w/3966 bbls Slickwtr, 37 bbls 15% NEFE HCL, 139 BBLS GELLED ACID, 74M # 40/40 SD. 20452 TLTR.	

JOB SUMMARY			PROJECT NUMBER SOK0745	TICKET DATE 08/15/11
COUNTY Harper	STATE Kansas	COMPANY Andridge Exp and Productio	CUSTOMER REP Felix	
LEASE NAME Green	Well No. 1-16H	JOB TYPE Surface	EMPLOYEE NAME Eric Parsons	

EMP NAME									

Form. Name _____ Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. **80** Pressure _____
 Retainer Depth _____ Total Depth **600**

Date	Called Out 8/14/2011	On Location 8/14/2011	Job Started 8/15/2011	Job Completed 8/15/2011
Time	1:30 pm	7:30 pm	2:17 am	3:15 am

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	Weatherford
Insert Float Val	0	
Centralizers	0	
Top Plug	1	
HEAD	1	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		36#	9 5/8"		Surface	686	1,600
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	600	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	Density	Lb/Gal	
Disp. Fluid			
Spacer type	10 BBL.	H2o	
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	
Perfoac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/14	7.0	8/14	1.0	Surface
Total	7.0	Total	1.0	

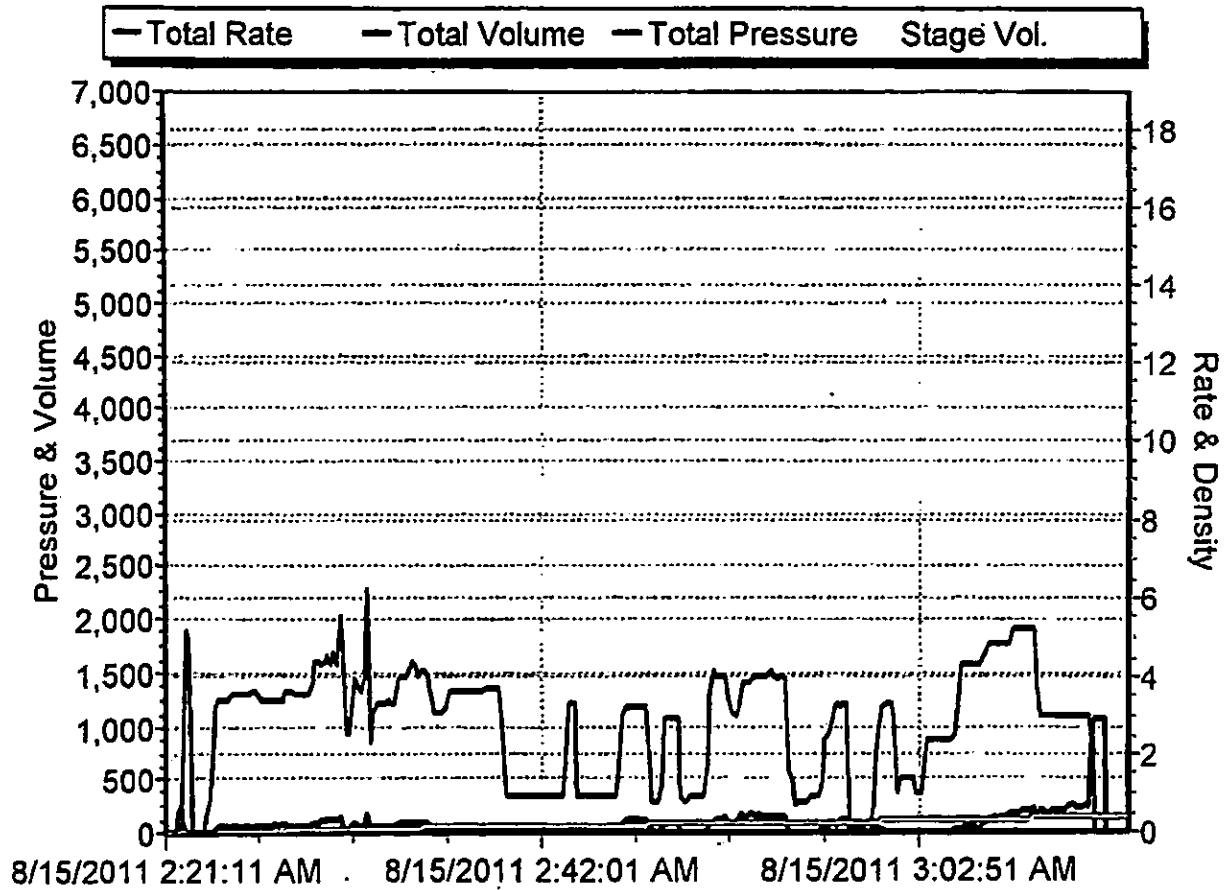
Pressures			
MAX	1500	AVG.	150
Average Rates in BPM			
MAX	8	AVG	4
Cement Left in Pipe			
Feet	45	Reason	Shoe Joint

Cement Data							
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal	
1	176	65:35 Standard: Poz	6% Gcl - 2% Calcium Chloride - 1/4lb/sk Cello-Flake - .5% C-41P	10.88	1.84	12.70	
2	160	Standard	2% Calcium Chloride - 1/4lb/sk Cello-Flake - .5% C-41P	8.20	1.18	15.60	
3	100	Standard	2% Calcium Chloride on side if necessary	8.20	1.18	15.60	

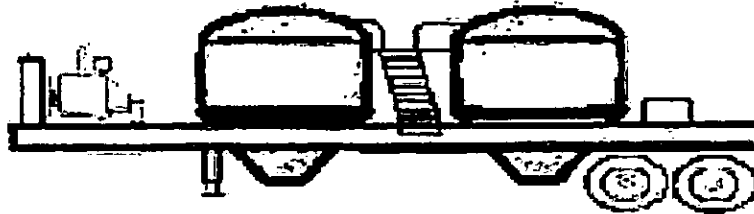
Summary							
Preflush Breakdown		Type: _____	MAXIMUM _____	Lost Returns _____	Actual TOC _____	Frac. Gradient _____	15 Min. _____
Average ISIP	5 Min.	10 Min.	15 Min.	Preflush: BBI	10.00	Type: Fresh Water	
				Load & Bkdn: Gal - BBI		Pad: Bbl - Gal	
				Excess / Return: BBI	18	Calc. Disp Bbl	42
				Calc. TOC: _____	Surface	Actual Disp.	41.50
				Treatment: Gal - BBI		Disp: Bbl	
				Cement Slurry: BBI	80.8		
				Total Volume	142.40		

CUSTOMER REPRESENTATIVE _____ SIGNATURE *[Signature]*

Sandridge Green 1-16 H 9.625 Surface



O-Tex
Pumping, LLC



Trailer Number: 87278/16643

Driver Name R J

Front Pot
LEAD

Cement 65/35 CLASS A/POZ
175 sks

CEMENT ADDITIVES

	6% GEL	2% CALCIUM
	2% CALCIUM	1/4 PPS FLAKE
	1/4 PPS FLAKE	
	.5% C-41P	

Rear Pot
TAIL

Cement CLASS A
160 sks

COMPANY: SANDRIDGE DATE: 8/14/2011

LEASE: GREEN 1-16H TICKET: SOK0745

Job Data Sheet



COMPANY Sandridge Exp and Production		PROJECT NUMBER SOK0745	AFE/WORK ORDER 0	DATE 8/14/2011
CONTRACTOR Lariat #45		Owner Same	LEGAL DESCRIPTION 16-35S-6W	API 15-077-21745-01
LEASE & WELL # Green 1-16H		COUNTY Harper	STATE Kansas	MILEAGE 60
DIRECTIONS				

**From the Jct of Hwy 11 and 132, go North on Hwy 132 to Manchester, OK--From Manchester, OK--
Continue North 1/2 mile on Hwy 132, T/R and go East 4 miles, North into location!!**

Pumping Services	<input checked="" type="checkbox"/> Surface	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Long String	<input type="checkbox"/> Plug Back						
	<input type="checkbox"/> Squeeze	<input type="checkbox"/> Acid	<input type="checkbox"/> PTA	<input type="checkbox"/> Other	() H2S					
	Casing Size 9 5/8"	Casing Weight 36#	Thread LTC	Tbno/DP Size	Thread	Plug. Cont. Yes	Sweeps Yes	Top Plug Yes	Bottom Plug No	% Excess 100%
	Number and Type Units Pump Truck & Bulk Materials							Casing Depth 600	Hole Depth 600	Hole Size 12 1/4"
Remarks							Est. BHS 80	Depth-TVD 600	Mud Weight/Type 9.0 WBM	

Materials	Mix H2O	# of Sacks 175	Type 65:35 Standard:Poz	Additives 6% Gel - 2% Calcium Chloride - 1/4lb/sk Cello-Flake - .5% C-41P					
	LEAD	Weight PPG 12.70	Yield Ft ³ /Sk 1.84	Water Gal/Sk 10.88					
	Mix H2O	# of Sacks 160	Type Standard	Additives 2% Calcium Chloride - 1/4lb/sk Cello-Flake - .5% C-41P					
	TAIL	Weight PPG 15.60	Yield Ft ³ /Sk 1.18	Water Gal/Sk 5.20					
	Mix H2O	# of Sacks 100	Type Standard	Additives 2% Calcium Chloride on side if necessary					
	TOP OUT	Weight PPG 15.60	Yield Ft ³ /Sk 1.18	Water Gal/Sk 5.20					
	ACID	Type	Additives						
	Inhibitor	Surfactant	Clay cont.						
	Spacer or Flush	Quantity 10 BBL	Type WATER	Additives					
	Other	Type	Additives						

Crew Called	Cementor	Pumper	Bulky	Bulky	Bulky
	E.Parsons	J.Breeze	R.J.	J.Pierce	

Special Request	
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Sales Items	Casing Size 9 5/8"	Casing Weight 36#	Thread LT&C
	Guide Shoe	Float Shoe	Float Collar Insert Float Valve
	Centralizers - Number	Size	Type
	Wall Cleaners - Number	Type	MSC (DV Tool) MSC Plug Set
	Limit Clamps	Thread lock	Other
	Remarks		

Customer Rep. 0	Cell Phone 281-817-4471	Office Phone	Fax	Time of Call 8/14/11 0:00
Call Taken By Ken Massey				Date Ready 8/14/11
Crew Called Eric Parsons				Time Ready 0:00
				Time

JOB SUMMARY			PROJECT NUMBER SOK0758	TICKET DATE 08/20/11
COUNTY Harper	State Kansas	COMPANY Sandridge Exp and Prod	CUSTOMER REP Claude Hallmark	
LEASE NAME Green	Well No. 1-16H	JOB TYPE Intermediate	EMPLOYEE NAME Chris Bigbey	

EMP NAME Chris Bigbey				
Larry Kirchner Sr.				
Jayson Pierce				
RJ Stonehocker				

Form. Name _____ Type: _____
Packer Type _____ Set At **0**
Bottom Hole Temp. **0** Pressure _____
Retainer Depth _____ Total Depth **5142**

	Called Out	On Location	Job Started	Job Completed
Date	8/20/2011	8/20/2011	8/20/2011	8/20/2011
Time	1400	1920	2217	2350

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
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data

Now/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	29.0	7		Surface	5,142	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			8 3/4	Surface	5,141	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Spacer type	BBL.	
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
Frio. Red.	Gal/Lb	In
MISC.	Gal/Lb	In

Hours On Location

Date	Hours
8/20	4.6
8/21	1.0
Total	5.6

Operating Hours

Date	Hours
8/20	1.6
Total	1.6

Description of Job
Intermediate

Perpac Balls _____ Qty. _____
Other _____
Other _____
Other _____
Other _____

Pressures

MAX	3500	AVG	300
Average Rates In BPM			
MAX	10	AVG	6
Cement Left In Pipe			
Feet	89	Reason	

Cement Data

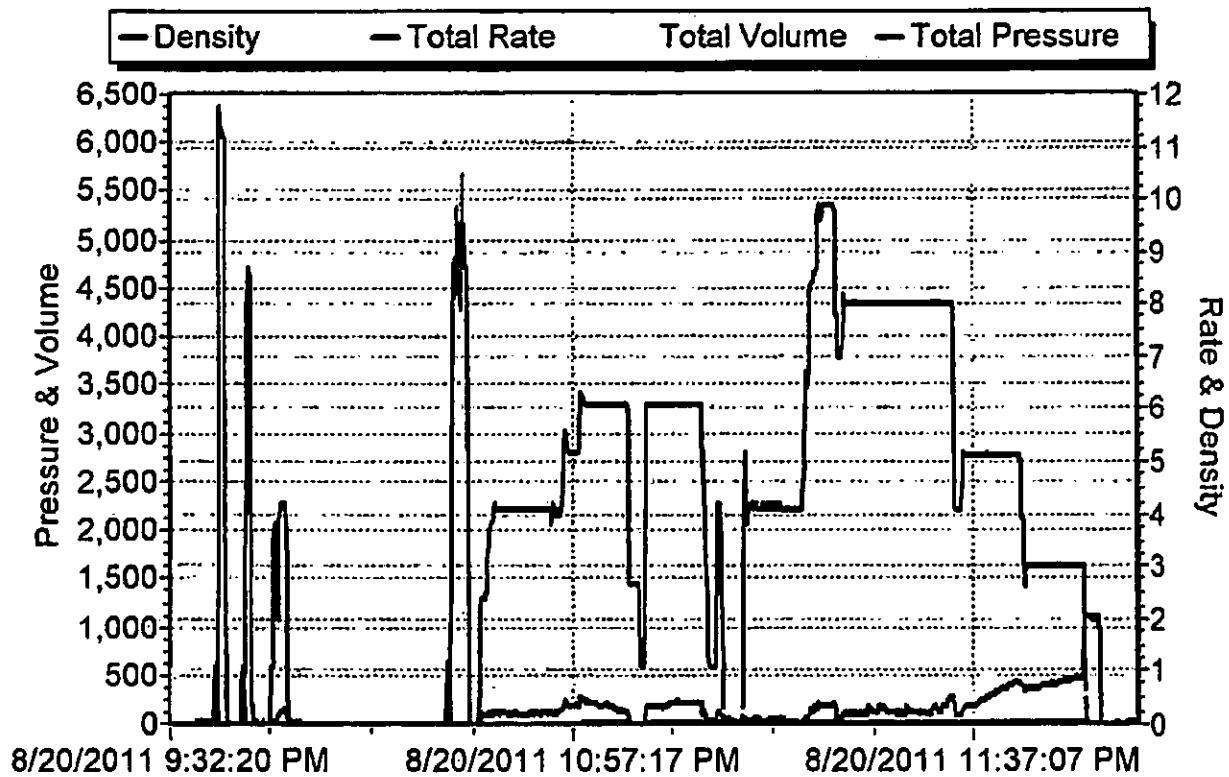
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	270	60/60 POZ PREMIUM	4% Gel - 0.6% C-12 - 0.1% C-37 - 1 lb/sk Phenoseal - 0.6% C-41P	6.77	1.44	13.60
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary

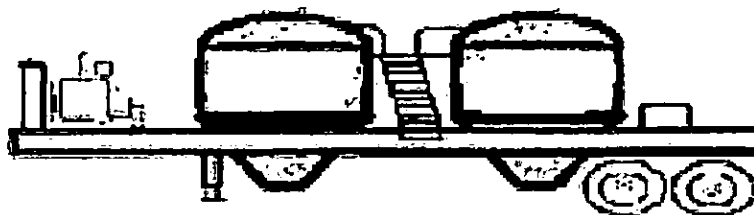
Preflush Breakdown	10	Type: Caustic H2O	Preflush: BB1	20.00	Type: FRESH WATER
		MAXIMUM 3,600	Load & Bkdn: Gal - BB1		Pad: Bbl - Gal
		Lost Returns-n no	Excess /Return BB1		Calc. Disp Bbl 188
		Actual TOC 3,600	Calc. TOC:	3,417	Actual Disp. 179.00
Average		Frac. Gradient	Treatment: Gal - BB1		Disp: Bbl 187.50
10 Min.	5 Min.	10 Min.	Cement Slurry: BB1	69.2	
		15 Min.	Total Volume BB1	268.20	

CUSTOMER REPRESENTATIVE Claude Hallmark SIGNATURE

SandRidge Green 1-16 H 7" Int.



O-Tex
Pumping, LLC



Trailer Number: 87280/09543

Driver Name Larry Sr.

**Front Pot
Lead**

Cement 50/50 Class h/POZ

135 sks

CEMENT ADDITIVES

4.0% Gel	4.0% Gel
0.6% C-12	0.6% C-12
0.1% C-37	0.1% C-37
1 PPS Pheno	1 PPS Pheno
0.5% C-41P	0.5% C-41P

**Rear Pot
Lead**

Cement 50/50 Class H/POZ

135 sks

COMPANY: Sandridge DATE: 8/20/2011

LEASE: Green 1h-16 TICKET: SOK0758

Job Data Sheet



COMPANY Sandridge Exp and Prod		PROJECT NUMBER SOK0758	AFEWK ORDER DC11390	DATE 8/20/2011
CONTRACTOR Lariat #45		Owner Same	LEGAL DESCRIPTION 16-35S-6W	API 15-077-21745-01
LEASE & WELL # Green 1-16H		COUNTY Harper	STATE Kansas	MILEAGE 60

**From the Jct of Hwy 11 and 132, go North on Hwy 132 to Manchester, OK--
From Manchester, OK--Continue North 1/2 mile on Hwy 132, T/R and go East 4 miles,
North into location!!**

Pumping Services	<input type="checkbox"/> Surface		<input checked="" type="checkbox"/> Intermediate		<input type="checkbox"/> Long String		<input type="checkbox"/> Plug Back				
	<input type="checkbox"/> Squeeze		<input type="checkbox"/> Acid		<input type="checkbox"/> PTA		<input type="checkbox"/> Other		() H2S		
	Casing Size 7	Casing Weight 26.00	Thread BUTT & BRD	Tbno/DP Size	Thread	Plug. Cont. YES	Swage YES	Top Plug YES	Bottom Plug	% Excess 30%	
	Number and Type Units PT AND BM							Casing Depth 5260	Hole Depth 5280	Hole Size 8 3/4	
Remarks TOC +/- 3600 FT							Tubing Depth	Depth-TVD	Mud Weight/Type 9.0 PPG WBM		

Materials	# of Sacks 270	Type 50/60 POZ PREMIUM	Additives 4% Gel - 0.6% C-12 - 0.1% C-37 - 1 lb/sk Phenoseal - 0.5% C-41P			
	H2O to mix 44	Weight PPG 13.60	Yield FL/3Sk 1.44	Water Gal/Sk 6.77		
	# of Sacks	Type	Additives			
	Weight PPG	Yield FL/3Sk	Water Gal/Sk			
	# of Sacks	Type	Additives			
	Weight PPG	Yield FL/3Sk	Water Gal/Sk			
	ACID	Type	Additives			
	Inhibitor	Surfactant	Clay cont.			
	Spacer or Flush 10 BBLs	Quantity 10 BBLs	Type FRESH WATER	Additives		
	Spacer or Flush 10 BBLs	Quantity 10 BBLs	Type CAUSTIC WATER	Additives		
Other 10 BBLs	Quantity 10 BBLs	Type FRESH WATER	Additives			

Special request	
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Sales Items	Casing Size 7	Casing Weight 26.00	Thread BUTT & BRD		
	Guide Shoe	Float Shoe	Float Collar	Insert Float Valve	
	Centralizers - Number	Size	Type		
	Wall Cleaners - Number	Type	MSC (DV Tool)	MSC Plug Set	
	Limit Clamps	Thread lock	Other		
	Remarks				

Customer Rep. Claude Hallmark	Cell Phone 281-617-4471	Office Phone	Fax	Time of Call	
Call Taken By Bob Walden				Date Ready 8/20/11	Time Ready
Crew Called 0				Time	

JOB SUMMARY				PROJECT NUMBER	TICKET DATE
COUNTY	STATE	COMPANY	CUSTOMER REP	SOK0784	08/31/11
Harper	Kansas	Landridge Exp and Productio	Claude Hallmark		
CASE NAME	WELL NO.	JOB TYPE	EMPLOYEE NAME	Green	1-16H Liner 0

EMPLOYEE	Eric Parsons				
	Chris Bigby				
	Mark Boethlin				
	Michael Bajo				

Form. Name _____ Type: _____
 Packer Type _____ Set At 0
 Bottom Hole Temp. 150 Pressure _____
 Retainer Depth _____ Total Depth 9163

Date	Called Out	On Location	Job Started	Job Completed
	8/30/2011	8/31/2011	8/31/2011	Job Completed
Time	11:00pm	4:00am	7:35am	10:00am

Tools and Accessories		
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	

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		4991	8,164	
Liner							
Liner							
Tubing		42.0	4 3/4		4,093	4,991	
Drill Pipe		16.5	3 1/2		Surface	4,093	
Open Hole				6 1/8	5,136	8,163	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Water	8.34	Lb/Gal
Spacer type	Fresh Water BBL.	10	
Spacer type	Caustic BBL.	10	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Frio. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/31	6.0	8/31	1.5	Liner
Total	6.0	Total	1.5	

Pressures	
MAX	3500
AVG	350
Average Rates in BPM	
MAX	6
AVG	3.5
Cement Left in Pipe	
Feet	40
Reason	
	Shoe Joint

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	476	60/60 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P -	1 Lb/Sk Pheno	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

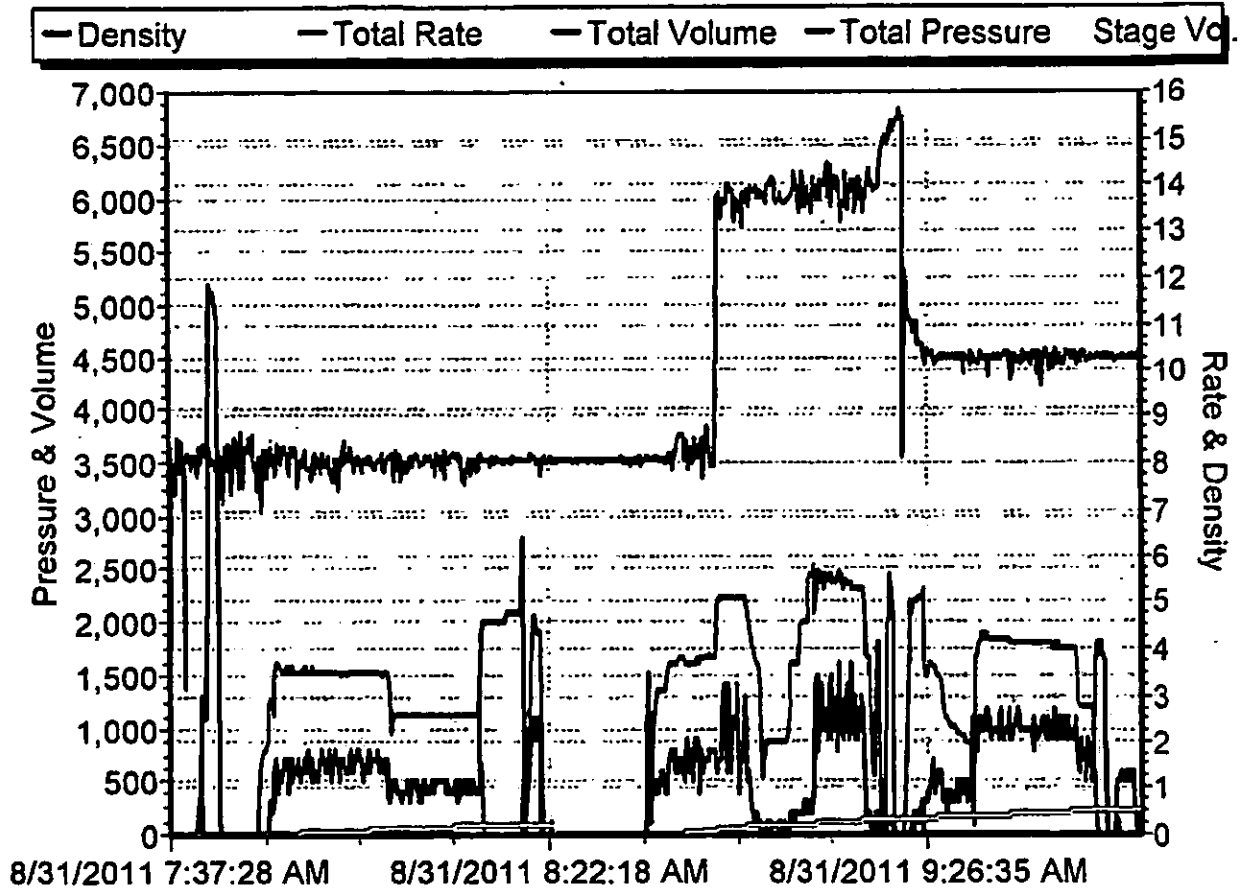
Summary					
Preflush	10	Type: Caustic	Preflush: BBI	20.00	Type: Fresh Water
Breakdown		MAXIMUM 3,500	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
		Lost Returns-N No Returns	Excess /Return BBI		Calc. Disp Bbl
		Actual TOC	Calc. TOC:	4.487	Actual Disp.
Average		Frac. Gradient	Treatment: Gal - BBI		Disp:Bbl
5 Min.		10 Min	Cement Slurry: BBI	122.0	
		15 Min	Total Volume	BBI	142.00

CUSTOMER REPRESENTATIVE *[Signature]* SIGNATURE

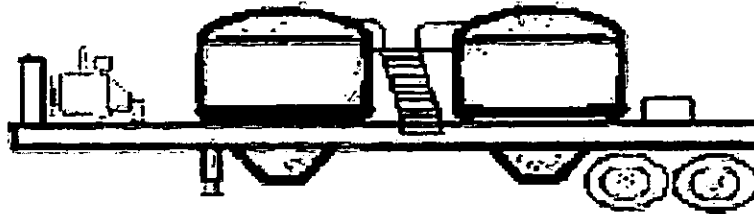
JOB LOG				PROJECT NUMBER	TICKET DATE
COMPANY		COUNTRY	STATE	COUNTY	
Sandridge Exp and Product		USA	Kansas	Harper	
LEASE NAME	Well No.	EMPLOYEE NAME	CUSTOMER REP	TICKET AMOUNT	
Green 1-16H			Claude Hallmark		
FIELD		SEC / TWP / RMD			
MISSISSIPPI		16-35S-6W			
APIUM #		JOB PURPOSE			
15-077-21745-01		Liner			

	Time	Rate (BPM)	Volume (BBL/GAL)	Press.(PSI)		Job Description / Remarks
				CSO.	Tbg.	
8/31/2011	4:00am					Arrived on Location
						Safety Meeting
						Rig Up
	7:35am				5000	Test Lines
	7:45am	3.0			2000	Pump Ball
	8:17am					Shear Ball Seats
	8:32am	4.0	10.0		400	Pump Spacer
	8:35am	4.0	10.0		400	Pump Caustic
	8:39am	4.0	10.0		350	Pump Spacer
	8:55am	4.0	122.0		200	Pump Cement
						Shut Down Wash Pump & Lines
	9:21am					Drop Plug
	9:22am	4.0	94.5		350	Start Displacement
		2.0				Slow to Land Plug
	9:45am				1700	Land Plug
8/31/2011	9:55am					Job Complete
	11:00am					Leave location
						Thank You For Using
						O - TEX Pumping

Sandridge Green 1-16H Liner



O-Tex
Pumping, LLC



Trailer Number: ⁷¹⁶⁶⁴ 87280/09543

Driver Name _____

**Front Pot
LEAD**

Cement 50/50 CLASS H/POZ
237 sks

CEMENT ADDITIVES

4% GEL	4% GEL
.4% C-12	.4% C-12
.1% C-37	.1% C-37
1 PPS Phenoseal	1 PPS Phenoseal
.5% C-41P	.5% C-41P

**Rear Pot
LEAD**

Cement 50/50 CLASS H/POZ
237 sks

COMPANY: SANDRIDGE DATE: 8/30/2011

LEASE: GREEN 1-16H TICKET: SOK0784



Standard Wellpath Report
 Sandridge
 Sec 16 - 35S - 6W, Kansas
 Harper County
 Wellbore: Green 1-16H (Actual)

Wellbore

Name	Created	Last Revised
Green 1-16H (Actual)	10-Aug-2011	31-Aug-2011

Well

Name	Government ID	Last Revised
Green 1-16H		10-Aug-2011

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Green 1-16H	121459.0000	2154274.0000	N36 59 56.5194	W97 58 18.3839	180.99N	1980.88W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2156255.0000	121278.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 16 - 35S - 6W	2156255.0000	121278.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Green 1-16H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 359.560 degrees
 Bottom hole distance is 4845.23 Feet on azimuth 359.52 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 31-Aug-2011



Standard Wellpath Report
 Sandridge
 Sec 16 - 35S - 6W, Kansas
 Harper County
 Wellbore: Green 1-16H (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	2154274.00	121459.00
622.00	0.70	294.400	621.98	1.57N	3.46W	0.11	1.60	2154270.54	121460.57
958.00	0.30	219.800	957.97	1.74N	5.89W	0.20	1.79	2154268.11	121460.74
1433.00	0.40	352.400	1432.97	2.43N	6.91W	0.14	2.48	2154267.09	121461.43
1909.00	0.50	358.700	1908.95	6.15N	7.17W	0.02	6.21	2154266.82	121465.15
2386.00	0.40	18.800	2385.94	9.81N	6.69W	0.04	9.86	2154267.31	121468.81
2862.00	0.40	51.600	2861.93	12.42N	4.85W	0.05	12.45	2154269.15	121471.42
3338.00	0.50	339.600	3337.92	15.39N	4.27W	0.11	15.43	2154269.73	121474.39
3783.00	0.40	309.100	3782.90	18.19N	6.15W	0.06	18.24	2154267.85	121477.19
3815.00	0.40	350.000	3814.90	18.37N	6.26W	0.07	18.42	2154267.74	121477.37
3847.00	2.20	2.200	3846.89	19.10N	6.25W	5.66	19.14	2154267.75	121478.10
3878.00	5.00	1.800	3877.83	21.04N	6.19W	9.03	21.09	2154267.81	121480.04
3910.00	7.60	4.300	3909.63	24.55N	5.99W	8.17	24.59	2154268.01	121483.55
3942.00	9.70	5.300	3941.27	29.34N	5.58W	6.58	29.38	2154268.42	121488.34
3974.00	11.70	4.500	3972.71	35.26N	5.07W	6.27	35.30	2154268.93	121494.26
4005.00	12.90	1.200	4003.00	41.86N	4.76W	4.48	41.89	2154269.24	121500.86
4037.00	14.70	359.800	4034.07	49.49N	4.69W	5.72	49.52	2154269.30	121508.49
4069.00	16.40	1.800	4064.90	58.06N	4.57W	5.57	58.10	2154269.43	121517.07
4101.00	17.80	4.900	4095.49	67.45N	4.01W	5.22	67.48	2154269.99	121526.46
4132.00	20.20	5.800	4124.80	77.50N	3.06W	7.80	77.52	2154270.94	121536.50
4164.00	22.90	5.700	4154.56	89.19N	1.88W	8.44	89.21	2154272.12	121548.20
4196.00	25.40	5.900	4183.75	102.22N	0.56W	7.82	102.22	2154273.44	121561.22
4228.00	28.00	4.600	4212.34	116.53N	0.75E	8.33	116.52	2154274.75	121575.54
4260.00	31.20	4.300	4240.16	132.29N	1.97E	10.01	132.27	2154275.97	121591.30
4291.00	34.10	3.300	4266.26	148.98N	3.07E	9.52	148.95	2154277.07	121607.99
4323.00	36.00	2.500	4292.45	167.33N	4.00E	6.11	167.29	2154278.00	121626.34
4355.00	37.20	2.300	4318.14	186.39N	4.80E	3.77	186.35	2154278.80	121645.40
4386.00	39.30	1.700	4342.49	205.57N	5.47E	6.88	205.52	2154279.47	121664.58
4418.00	41.60	1.900	4366.84	226.32N	6.12E	7.20	226.27	2154280.12	121685.33
4450.00	43.80	1.300	4390.35	248.01N	6.72E	6.99	247.95	2154280.72	121707.03
4481.00	45.60	0.600	4412.39	269.81N	7.08E	6.02	269.75	2154281.08	121728.83
4513.00	48.40	359.100	4434.21	293.21N	7.01E	9.40	293.15	2154281.01	121752.23
4545.00	50.00	358.100	4455.12	317.43N	6.42E	5.53	317.37	2154280.42	121776.45
4577.00	49.80	357.600	4475.73	341.89N	5.50E	1.35	341.83	2154279.50	121800.91
4608.00	49.50	357.200	4495.80	365.49N	4.43E	1.38	365.44	2154278.43	121824.51
4640.00	48.90	356.900	4516.71	389.68N	3.18E	2.00	389.64	2154277.18	121848.70
4672.00	48.00	356.300	4537.94	413.58N	1.76E	3.14	413.56	2154275.76	121872.61
4704.00	47.00	355.700	4559.55	437.12N	0.12E	3.42	437.11	2154274.12	121896.15
4736.00	47.10	355.500	4581.36	460.47N	1.68W	0.55	460.47	2154272.32	121919.50
4767.00	48.90	356.800	4602.10	483.46N	3.22W	6.59	483.47	2154270.78	121942.49
4799.00	51.40	358.300	4622.60	508.00N	4.26W	8.60	508.02	2154269.74	121967.03
4831.00	54.70	358.800	4641.84	533.56N	4.91W	10.39	533.58	2154269.09	121992.59
4863.00	57.90	0.600	4659.59	560.18N	5.04W	11.04	560.20	2154268.96	122019.21
4894.00	61.90	359.600	4675.14	586.99N	5.00W	13.20	587.01	2154269.00	122046.03
4926.00	65.60	0.400	4689.29	615.69N	5.00W	11.78	615.71	2154269.00	122074.72
4958.00	69.50	1.000	4701.50	645.25N	4.63W	12.31	645.27	2154269.37	122104.29
4990.00	73.70	2.000	4711.60	675.60N	3.83W	13.46	675.61	2154270.17	122134.64
5022.00	77.60	2.200	4719.53	706.57N	2.70W	12.20	706.57	2154271.30	122165.62
5053.00	81.50	1.900	4725.15	737.03N	1.61W	12.62	737.02	2154272.39	122196.08
5085.00	85.70	1.600	4728.72	768.81N	0.64W	13.16	768.79	2154273.36	122227.86
5094.00	87.00	1.500	4729.29	777.79N	0.39W	14.49	777.77	2154273.61	122236.84
5178.00	91.70	1.400	4730.25	861.73N	1.73E	5.60	861.70	2154275.73	122320.79
5210.00	92.00	1.200	4729.21	893.71N	2.46E	1.13	893.66	2154276.46	122352.76
5242.00	92.10	1.400	4728.07	925.68N	3.18E	0.70	925.63	2154277.18	122384.74
5274.00	92.30	0.400	4726.84	957.65N	3.68E	3.18	957.60	2154277.68	122416.71
5306.00	92.50	0.500	4725.50	989.62N	3.94E	0.70	989.56	2154277.94	122448.68
5338.00	92.20	359.600	4724.19	1021.60N	3.96E	2.96	1021.54	2154277.96	122480.66
5370.00	92.10	359.200	4722.99	1053.57N	3.63E	1.29	1053.51	2154277.63	122512.64
5402.00	92.40	358.700	4721.73	1085.54N	3.04E	1.82	1085.49	2154277.04	122544.61
5434.00	92.40	358.000	4720.39	1117.50N	2.12E	2.19	1117.45	2154276.12	122576.57
5466.00	92.00	357.700	4719.16	1149.45N	0.92E	1.56	1149.41	2154274.92	122608.52
5498.00	91.90	357.400	4718.07	1181.41N	0.45W	0.99	1181.38	2154273.55	122640.48
5530.00	91.90	357.300	4717.01	1213.35N	1.92W	0.31	1213.33	2154272.08	122672.43
5562.00	91.80	357.600	4715.98	1245.31N	3.35W	0.99	1245.30	2154270.65	122704.38
5594.00	91.50	357.100	4715.06	1277.26N	4.83W	1.82	1277.26	2154269.17	122736.34
5626.00	90.90	357.100	4714.39	1309.21N	6.44W	1.88	1309.22	2154267.56	122768.29
5658.00	90.00	357.200	4714.14	1341.17N	8.04W	2.83	1341.19	2154265.96	122800.25

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Green 1-16H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 359.560 degrees
 Bottom hole distance is 4845.23 Feet on azimuth 359.52 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 31-Aug-2011



Standard Wellpath Report
 Sandridge
 Sec 16 - 35S - 6W, Kansas
 Harper County
 Wellbore: Green 1-16H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
5689.00	90.20	356.900	4714.08	1372.13N	9.63W	1.16	1372.16	2154264.37	122831.21
5721.00	90.20	356.600	4713.97	1404.08N	11.45W	0.94	1404.12	2154262.55	122863.16
5753.00	90.00	356.500	4713.91	1436.02N	13.37W	0.70	1436.08	2154260.63	122895.11
5785.00	89.60	357.300	4714.03	1467.97N	15.10W	2.80	1468.04	2154258.90	122927.06
5817.00	89.50	357.000	4714.28	1499.93N	16.69W	0.99	1500.01	2154257.31	122959.02
5849.00	89.20	357.300	4714.64	1531.89N	18.28W	1.33	1531.98	2154255.72	122990.98
5881.00	89.30	358.000	4715.06	1563.86N	19.60W	2.21	1563.96	2154254.40	123022.96
5913.00	89.30	358.700	4715.45	1595.84N	20.52W	2.19	1595.95	2154253.48	123054.94
5945.00	89.40	359.500	4715.81	1627.84N	21.02W	2.52	1627.95	2154252.98	123086.94
5977.00	89.50	359.200	4716.12	1659.83N	21.38W	0.99	1659.95	2154252.62	123118.94
6009.00	89.30	359.200	4716.46	1691.83N	21.83W	0.63	1691.95	2154252.17	123150.93
6041.00	89.10	0.100	4716.90	1723.82N	22.02W	2.88	1723.94	2154251.97	123182.93
6073.00	89.10	0.300	4717.41	1755.82N	21.91W	0.62	1755.94	2154252.09	123214.93
6104.00	89.30	0.400	4717.84	1786.82N	21.72W	0.72	1786.93	2154252.28	123246.93
6136.00	89.50	0.400	4718.17	1818.81N	21.50W	0.63	1818.93	2154252.50	123278.93
6169.00	89.60	0.500	4718.43	1851.81N	21.24W	0.43	1851.92	2154252.76	123310.93
6200.00	89.90	0.400	4718.57	1882.81N	21.00W	1.02	1882.92	2154253.00	123342.93
6232.00	90.00	0.400	4718.60	1914.81N	20.77W	0.31	1914.91	2154253.22	123374.93
6264.00	90.60	0.200	4718.43	1946.81N	20.61W	1.98	1946.91	2154253.39	123406.93
6296.00	90.60	0.600	4718.09	1978.81N	20.38W	1.25	1978.90	2154253.62	123438.93
6328.00	89.60	1.400	4718.04	2010.80N	19.82W	4.00	2010.89	2154254.17	123470.92
6360.00	89.40	1.800	4718.32	2042.79N	18.93W	1.40	2042.87	2154255.07	123502.91
6392.00	89.60	1.700	4718.60	2074.77N	17.95W	0.70	2074.85	2154256.05	123534.90
6423.00	89.90	2.000	4718.73	2105.75N	16.95W	1.37	2105.82	2154257.05	123566.88
6455.00	90.10	1.900	4718.73	2137.74N	15.86W	0.70	2137.79	2154258.13	123598.87
6487.00	89.50	1.000	4718.84	2169.72N	15.05W	3.38	2169.78	2154258.94	123630.86
6519.00	89.60	0.700	4719.09	2201.72N	14.58W	0.99	2201.77	2154259.42	123662.85
6551.00	89.40	0.900	4719.37	2233.72N	14.13W	0.88	2233.76	2154259.87	123694.84
6583.00	89.60	1.100	4719.65	2265.71N	13.57W	0.88	2265.75	2154260.42	123726.83
6615.00	90.00	0.900	4719.76	2297.70N	13.02W	1.40	2297.74	2154260.98	123758.82
6647.00	90.60	0.200	4719.60	2329.70N	12.71W	2.88	2329.73	2154261.29	123790.81
6678.00	91.20	359.700	4719.11	2360.70N	12.74W	2.52	2360.73	2154261.26	123822.80
6710.00	90.80	359.700	4718.55	2392.69N	12.90W	1.25	2392.72	2154261.10	123854.79
6742.00	91.50	359.400	4717.91	2424.69N	13.15W	2.38	2424.71	2154260.84	123886.78
6774.00	91.20	359.800	4717.15	2456.68N	13.38W	1.56	2456.71	2154260.62	123918.77
6806.00	92.20	359.600	4716.21	2488.66N	13.55W	3.19	2488.69	2154260.45	123950.76
6838.00	91.60	359.700	4715.14	2520.64N	13.74W	1.90	2520.67	2154260.26	123982.75
6870.00	90.60	359.600	4714.53	2552.64N	13.94W	3.14	2552.67	2154260.06	124014.74
6902.00	91.20	359.700	4714.03	2584.63N	14.13W	1.90	2584.66	2154259.87	124046.73
6934.00	90.50	0.000	4713.55	2616.63N	14.22W	2.38	2616.66	2154259.78	124078.72
6966.00	90.20	0.000	4713.36	2648.63N	14.22W	0.94	2648.66	2154259.78	124110.71
6998.00	90.20	0.400	4713.25	2680.63N	14.10W	1.25	2680.66	2154259.90	124142.70
7030.00	92.20	0.000	4712.58	2712.62N	13.99W	6.37	2712.64	2154260.01	124174.69
7062.00	92.30	0.400	4711.32	2744.59N	13.88W	1.29	2744.62	2154260.12	124206.68
7094.00	90.20	0.600	4710.62	2776.58N	13.60W	6.59	2776.60	2154260.40	124238.67
7126.00	89.30	0.900	4710.76	2808.58N	13.18W	2.96	2808.60	2154260.82	124270.66
7158.00	88.70	0.500	4711.32	2840.57N	12.79W	2.25	2840.59	2154261.21	124302.65
7190.00	89.00	0.600	4711.96	2872.56N	12.48W	0.99	2872.57	2154261.51	124334.64
7222.00	90.00	0.200	4712.24	2904.56N	12.26W	3.37	2904.57	2154261.74	124366.63
7254.00	90.30	359.800	4712.16	2936.56N	12.26W	1.56	2936.57	2154261.74	124398.62
7286.00	90.50	359.800	4711.93	2968.56N	12.37W	0.62	2968.57	2154261.63	124430.61
7318.00	90.80	359.600	4711.57	3000.56N	12.54W	1.13	3000.56	2154261.46	124462.60
7350.00	91.10	359.400	4711.04	3032.55N	12.82W	1.13	3032.56	2154261.18	124494.59
7382.00	91.60	359.400	4710.29	3064.54N	13.15W	1.56	3064.55	2154260.84	124526.58
7414.00	91.90	359.800	4709.31	3096.52N	13.38W	1.56	3096.54	2154260.62	124558.57
7446.00	90.80	359.600	4708.56	3128.51N	13.55W	3.49	3128.53	2154260.45	124590.56
7478.00	90.90	359.300	4708.08	3160.51N	13.85W	0.99	3160.52	2154260.15	124622.55
7510.00	91.10	359.500	4707.52	3192.50N	14.19W	0.88	3192.52	2154259.81	124654.54
7541.00	90.10	359.100	4707.20	3223.50N	14.57W	3.47	3223.52	2154259.43	124686.53
7573.00	89.90	358.900	4707.20	3255.49N	15.12W	0.88	3255.51	2154258.87	124718.52
7606.00	89.90	358.900	4707.25	3288.49N	15.76W	==>	3288.51	2154258.24	124750.51
7637.00	90.00	358.800	4707.28	3319.48N	16.38W	0.46	3319.51	2154257.62	124782.50
7669.00	90.40	358.900	4707.17	3351.47N	17.02W	1.29	3351.51	2154256.98	124814.49
7701.00	90.20	358.900	4707.00	3383.47N	17.64W	0.62	3383.50	2154256.36	124846.48
7733.00	90.30	359.000	4706.86	3415.46N	18.22W	0.44	3415.50	2154255.78	124878.47
7765.00	90.40	358.700	4706.67	3447.45N	18.87W	0.99	3447.50	2154255.13	124910.46
7797.00	90.30	358.600	4706.47	3479.45N	19.62W	0.44	3479.49	2154254.38	124942.45
7829.00	90.30	358.400	4706.30	3511.43N	20.46W	0.62	3511.49	2154253.54	124974.44

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Green 1-16H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 359.560 degrees
 Bottom hole distance is 4845.23 Feet on azimuth 359.52 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 31-Aug-2011



Standard Wellpath Report
 Sandridge
 Sec 16 - 35S - 6W, Kansas
 Harper County
 Wellbore: Green 1-16H (Actual)

Wellpath (Grid) Report

MD[ft]	Incl[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7861.00	90.60	358.500	4706.05	3543.42N	21.32W	0.99	3543.48	2154252.68	125002.64
7893.00	91.10	358.800	4705.58	3575.41N	22.08W	1.82	3575.47	2154251.92	125034.63
7925.00	90.60	359.000	4705.10	3607.40N	22.69W	1.68	3607.47	2154251.31	125066.62
7957.00	90.70	358.600	4704.74	3639.39N	23.36W	1.29	3639.46	2154250.64	125098.61
7988.00	90.90	358.900	4704.31	3670.38N	24.04W	1.16	3670.46	2154249.96	125129.60
8020.00	91.20	358.800	4703.72	3702.37N	24.68W	0.99	3702.45	2154249.32	125161.59
8052.00	91.00	358.700	4703.11	3734.35N	25.38W	0.70	3734.44	2154248.62	125193.58
8084.00	91.10	358.600	4702.52	3766.34N	26.13W	0.44	3766.43	2154247.87	125225.57
8116.00	91.10	358.800	4701.91	3798.33N	26.86W	0.62	3798.42	2154247.14	125257.56
8148.00	91.90	358.600	4701.07	3830.31N	27.58W	2.58	3830.41	2154246.42	125289.54
8180.00	92.90	358.900	4699.73	3862.27N	28.28W	3.26	3862.37	2154245.72	125321.51
8212.00	92.00	359.200	4698.36	3894.24N	28.81W	2.96	3894.34	2154245.19	125353.48
8244.00	91.00	359.200	4697.52	3926.22N	29.26W	3.12	3926.33	2154244.74	125385.46
8276.00	89.90	359.000	4697.27	3958.22N	29.76W	3.49	3958.33	2154244.24	125417.46
8308.00	89.80	358.900	4697.36	3990.21N	30.35W	0.44	3990.33	2154243.65	125449.46
8340.00	89.90	358.700	4697.44	4022.20N	31.02W	0.70	4022.32	2154242.98	125481.45
8371.00	90.00	358.500	4697.47	4053.19N	31.77W	0.72	4053.32	2154242.22	125512.44
8403.00	90.20	358.500	4697.41	4085.18N	32.61W	0.63	4085.31	2154241.39	125544.43
8435.00	90.20	358.400	4697.30	4117.17N	33.48W	0.31	4117.31	2154240.52	125576.42
8467.00	90.30	358.500	4697.16	4149.16N	34.34W	0.44	4149.30	2154239.66	125608.41
8499.00	90.40	358.400	4696.96	4181.15N	35.21W	0.44	4181.29	2154238.79	125640.40
8531.00	90.50	358.500	4696.71	4213.13N	36.07W	0.44	4213.29	2154237.92	125672.39
8563.00	89.90	359.200	4696.60	4245.13N	36.72W	2.88	4245.28	2154237.28	125704.39
8595.00	90.00	359.200	4696.63	4277.12N	37.16W	0.31	4277.28	2154236.84	125736.39
8627.00	90.20	359.000	4696.57	4309.12N	37.66W	0.88	4309.28	2154236.33	125768.38
8659.00	90.10	359.300	4696.49	4341.12N	38.14W	0.99	4341.28	2154235.86	125800.38
8691.00	90.20	359.600	4696.41	4373.11N	38.45W	0.99	4373.28	2154235.55	125832.38
8723.00	90.30	359.600	4696.27	4405.11N	38.67W	0.31	4405.28	2154235.33	125864.38
8755.00	90.60	359.500	4696.01	4437.11N	38.92W	0.99	4437.28	2154235.08	125896.38
8787.00	90.60	359.500	4695.68	4469.11N	39.20W	==>	4469.28	2154234.80	125928.38
8819.00	90.90	359.500	4695.26	4501.10N	39.48W	0.94	4501.27	2154234.52	125960.38
8882.00	90.70	359.500	4694.38	4564.10N	40.03W	0.32	4564.27	2154233.97	126023.38
8914.00	90.70	359.700	4693.99	4596.09N	40.25W	0.62	4596.27	2154233.74	126055.37
8978.00	91.10	0.000	4692.98	4660.08N	40.42W	0.78	4660.26	2154233.58	126119.37
9010.00	91.10	359.900	4692.37	4692.08N	40.45W	0.31	4692.25	2154233.55	126151.37
9074.00	91.00	359.800	4691.20	4756.07N	40.62W	0.22	4756.24	2154233.38	126215.36
9106.00	90.90	359.700	4690.67	4788.06N	40.76W	0.44	4788.23	2154233.24	126247.36
9116.00	91.10	359.900	4690.49	4798.06N	40.79W	2.83	4798.23	2154233.21	126257.36
9163.00	91.10	359.900	4689.59	4845.05N	40.87W	==>	4845.22	2154233.13	126304.35

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 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Green 1-16H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 359.560 degrees
 Bottom hole distance is 4845.23 Feet on azimuth 359.52 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 31-Aug-2011



Standard Wellpath Report
Sandridge
Sec 16 - 35S - 6W, Kansas
Harper County
Wellbore: Green 1-16H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9163.00	4689.59	4845.05N	40.87W	Projection to Bit at TD

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Green 1-16H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 359.560 degrees
Bottom hole distance is 4845.23 Feet on azimuth 359.52 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 31-Aug-2011



123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

Wellbore Schematic

GREEN 1-16H

DIRECTIONAL - Original Hole, 11/23/2011 10:17:18 AM		Wellbore Sections									
Vertical schematic (actual)		Section Des	Size (in)	Act Top (ftKB)		Act Btm (ftKB)					
		Conductor	24	21.0		90.0					
		Surface	12 1/4	90.0		600.0					
		Intermediate	9 5/8	600.0		5,141.0					
		Production	7 5/8	5,141.0		8,163.0					
		Casing									
		Csg Desc	Jts	Item Des	OD (in)	Wt (lbm)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
		Conductor		Casing-Joints	20	94.00	J-55		111.00	-21.0	90.0
		Surface	2	Casing-Joints	9 5/8	36.00	J-55		81.77	-2.7	79.1
		Surface	1	Casing-Joints	9 5/8	36.00	J-55	CMT BASKET	41.30	79.1	120.4
		Surface	1	Casing-Joints	9 5/8	36.00	J-55		41.71	120.4	162.1
		Surface	1	Casing-Joints	9 5/8	36.00	J-55	CMT BASKET	41.74	162.1	203.9
		Surface	8	Casing-Joints	9 5/8	36.00	J-55		333.78	203.9	537.6
		Surface	1	Casing-Joints	9 5/8	36.00	J-55		41.86	539.6	581.5
		Surface	1	Float Shoe	9 5/8				1.50	581.5	583.0
		Intermediate	95	Casing-Joints	7	29.00	N-80		3,692.29	-5.4	3,686.9
		Intermediate	32	Casing-Joints	7	29.00	P-110		1,360.50	3,686.9	5,047.4
		Intermediate	2	Casing-Joints	7	29.00	P-110		86.22	5,048.6	5,135.0
		Intermediate	1	Shoe	7	29.00	P-110		1.00	5,135.0	5,136.0
		Liner	112	Casing-Joints	4 1/2	11.60	P-110		4,107.50	4,970.4	9,077.9
		Liner	1	Casing-Joints	4 1/2	11.60	P-110		36.60	9,079.5	9,116.1
		Liner	1	Shoe	4 1/2				1.91	9,116.1	9,118.0
		Cement									
		Des	Top (ftKB)		Btm (ftKB)						
		Conductor Cement	21.0		90.0						
		Surface Casing Cement	21.0		583.0						
		Intermediate Casing Cement	3,417.0		5,136.0						
		Liner Cement	4,947.0		9,118.0						
		Tubing									
		Des	Item Des	OD (in)	ID (in)	EUE Wt (lbm)	Grade	Jts	Top (ftKB)	Btm (ftKB)	
		Perforations									
	Date	Top (ftKB)	Btm (ftKB)	Zone Name	Shot Dens (shots/ft)	Current Status					
	9/9/2011	8,792.0	9,055.0	Miss Lime	6.0						
	9/15/2011	8,006.0	8,269.0	Miss Lime	6.0						
	9/15/2011	8,399.0	8,662.0	Miss Lime	6.0						
	9/15/2011	7,613.0	7,876.0	Miss Lime	6.0						
	9/16/2011	8,041.0	6,257.0	Miss Lime	6.0						
	9/16/2011	6,434.0	6,697.0	Miss Lime	6.0						
	9/16/2011	6,827.0	7,090.0	Miss Lime	6.0						
	9/16/2011	7,220.0	7,483.0	Miss Lime	6.0						
		Stimulations & Treatments									
	Date	Zone Name	Type	Vol Slurry...	Fluid Type	Prop Type	Prop Pum...	Frac Grad...			
	Avg Treat Pressure (psi)	Q Treat Avg (bbl/hr.m)	ISIP (psi)	Comment							
		Plug Record									
	Des	Run Date	Removal Date	Top (ftKB)	OD (in)	Com					
		TD - Original Hole; 9,163; 8/30/2011									

American Measurement Services

A Limited Liability Company
Ames, Oklahoma

Station Number: KS03R0001
Producer: SANDRIDGE ENERGY
Lease: GREEN 1-16H
Sample Pressure: 124.3
Sample Temperature: 67.3
Cylinder Number: 9225
Analysis By: AMS
Date Sampled: 10/31/2011
Analysis Run Date: 10/31/2011

Gas Components	Mole Percent	GPM
Methane	52.979	
Ethane	9.449	2.5116
Propane	5.812	1.5914
IButane	0.610	0.1986
NButane	1.981	0.6210
IPentan	0.418	0.1521
NPentan	0.529	0.1905
C6 +	0.608	0.2638
Nitrogen	26.049	
CO2	1.567	
	100.00%	5.5289

BTU @ 14.65 @ 60 F - Real

Dry 1002.0
Wet 984.4

Gasoline Content

Propane And Heavier 3.0173
Butane And Heavier 1.4259
Pentane And Heavier 0.6064

Specific Gravity - Real 0.8532
Z = 0.9970

H2S Field Test: PPM

Field Remarks:

Analysis Based Upon GPA 2145, 2172, And 2261

OCC Log in No. 18278

need posted
OKLA CORP COMH RECEIPT 1201040912
Date: 08/15/2011 Time: 14:48
Case: 000000000 Cashier: YMS
Payor: SANDRIDGE EXPLORATION & PROD
Check: 2133 \$200.00
52 EMERGENCY WALKTHRU SF

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

Application for Land Application
OAC 165:10-7-1992, 10-7-2592, 10-7-2692
madspreaders@hotmail.com
email: r.r.weld@att.net

2133

Operator SANDRIDGE EXPLORATION & PRODUCTION LLC			OCC No. 22281
Address 123 ROBERT S KERR AVE 1702			Phone No. 405-429-5682
City OKLAHOMA CITY	State OKLAHOMA	Zip 73102-6406	FAX No.

Well Name/No. GREEN 1-16H				API No.
Location within Sec. E1/2	Sec. 16	Twp. 35S	Rgr. 06W	County HARPER, KS

Land Application Area				
Location within Sec. E1/2	Sec. 17	Twp. 29N	Rgr. 07W	County GRANT

- The following facts are submitted: *NOTE: If the answer to A or B is yes, please attach written explanation.*
- A. Has land application area ever been used for this type of practice? Yes No **17741**
- B. Has pit received any materials except natural precipitation since sampling? Yes No
- C. Is this application for a closed system? If yes skip to H. Yes No
- D. Was Field Inspector contacted to witness sampling? Yes No
- E. Dimensions of pit: Length _____ Width _____ Depth _____
- F. Total volume of liquids to be land applied: _____ bbls.
- G. Total volume of solids to be land applied: _____ bbls. or _____ cu.ft.
- H. Method of application:
 Spray irrigation gun Injection Tank truck with spreader bar or diffuser Other **MECHANICAL SPREADER**
- I. Number of acres in proposed application area: 32 potential application area: 32
159A **159A**

- Attachments:
- Copy of written permission from surface owner
 - Map or diagram, drawn to scale, showing proposed and potential land application areas
 - Site suitability report
 - Analysis of materials to be land applied (except for closed systems)
 - Analysis of soil
 - Investigation report and diagram (for contaminated soils only)
 - Loading calculations (except for closed system)
 - Manufacturer, model number and specifications of testing equipment (for closed systems only)
 - Other **TITRATION SYSTEM**

Executed this 11 day of AUGUST, 2011

Signature of Operator, Contractor, or Agent: James Arnold

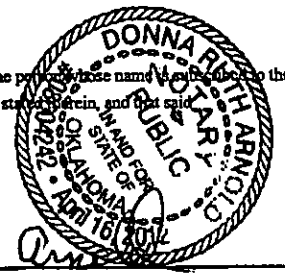
STATE OF OKLAHOMA)
) ss
 COUNTY OF PONTOTOC)

Before me, the undersigned authority, on this day personally appeared James Arnold known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 11 day of AUGUST, 2011

My Commission Expires: 4/16/2012

Notary Public: Donna Arnold



Please be reminded that certain conditions or stipulations in OAC 165:10-7-19, 10-7-25, and 10-7-26 must be adhered to. Below are only some of them. Please refer to the respective rules for others.

- A. The applicant shall notify the appropriate Field Inspector at least 24 hours prior to the commencement of land application to allow a Commission representative an opportunity to be present.
- B. A representative of the applicant shall be on the land application site at all times during which materials are being applied.
- C. Weather Restrictions:
Land applications, including incorporation, shall not be done:
 1. During precipitation events or when precipitation is imminent;
 2. When the soil moisture content is at a level such that the soil cannot readily take the addition of materials;
 3. When the ground is frozen; or
 4. By spray irrigation when the wind velocity is such that even distribution of materials cannot be accomplished or the buffer zones below cannot be maintained. (Drilling fluids only.)
- D. Buffer Zones:
Land application shall not be done within the following buffer zones:
 1. 50 feet of a property line boundary;
 2. 300 feet of any actively-producing water well used for domestic or irrigation purposes; and
 3. One-quarter mile of any actively-producing water well used for municipal purposes.
- E. Runoff or Ponding Prohibited:
No runoff or ponding of land applied materials shall be allowed during application.
- F. Time Period:
Land application shall be completed within 90 days from the date of the permit. At the end of the 90-day period, the permit shall expire by its own terms. To renew the permit, the applicant shall resample the fluids and/or cuttings to be land applied, submit a new analysis, and receive a notification of renewal from a Field Operations office.

Permit No.	18278
LA	GREEN 1-16H

FOR OCC USE ONLY

Maximum application rate Additional requirements	lbs/ac	Minimum acreage required

This application for land application has been

APPROVED DISAPPROVED

Expiration Date closed A. E. Ham 8/15/2011
OCC Representative Date

The reason for disapproval is:

- Application incomplete _____
- Laboratory analysis incomplete _____
- Size of potential land application area too small _____
- Other _____

Spreading Company Triple C Soil Farming Fax _____

OKLA CORP CORH RECEIPT 1201010112
 Date: 08/15/2011 Time: 14:48
 Case: 080000000 Cashier: YRS
 Payor: SANDRIDGE EXPLORATION & PROD
 Check: 2133
 52 EMERGENCY WALKTHRU SF \$200.00

COMPLIANCE AGREEMENT
(OAC 165:10-7-19 and 165:10-7-26)

I, Triple C Soil Farming, hereby acknowledge that, as
 Proprietor Agent Employee

acting on behalf of Food Value Energy (OPERATOR), I will
be responsible for supervising land application at the site identified by legal description on the
attached application. Furthermore, I certify that I have read and am familiar with Oklahoma
Competition Commission Rule(s)

OAC 165:10-7-19 OAC 165:10-7-26

and agree to comply with all provisions of the Rule before, during and after the
land application.


Telephone Number: 405-690-2785

Executed this 21st of Aug Dec, 2010 [Signature]
Signature of Contractor, Agent, or Employee

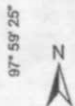
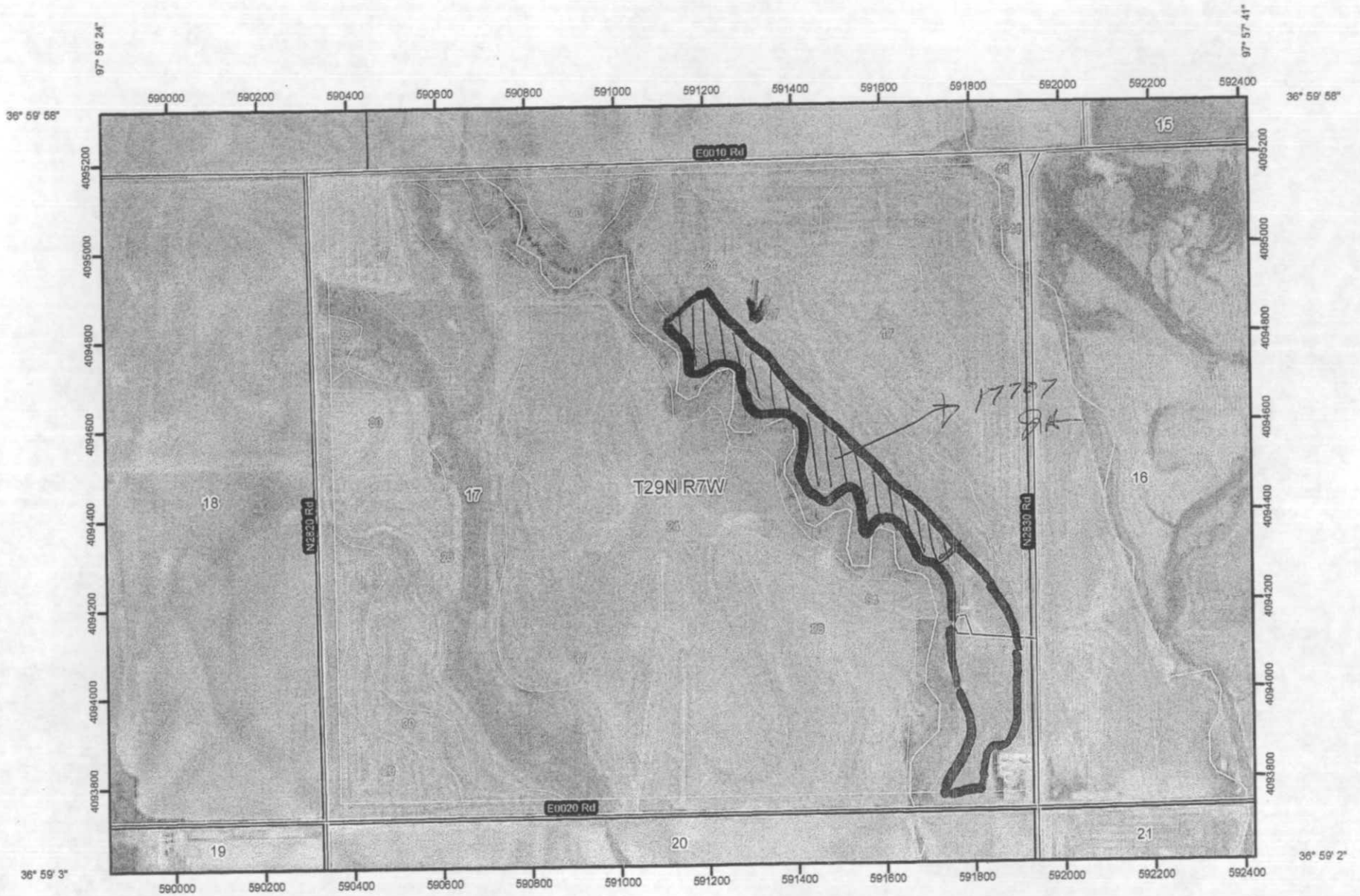
State of Oklahoma
County of Major

I declare, the undersigned authority, on this day personally appeared Clay Crawns
known to me to be the person whose name is subscribed to the above instrument and who being duly sworn
on oath, states that he is duly authorized to make the above report and that he has knowledge of the facts stated
herein and that said report is true and correct.

Subscribed and sworn to before me this 21st day of Dec, 2010

My  1-00012989 Expires 8-07-2012 [Signature]
Notary Public

Soil Map—Grant County, Oklahoma



Map Scale: 1:12,200 if printed on A size (8.5" x 11") sheet.



Send To Printer

Back To MSR Maps

Change to 11x17 Print Size

Show Grid Lines

Change to Landscape

USGS 97 km SW of Wichita, Kansas, United States 01 Jul 1988

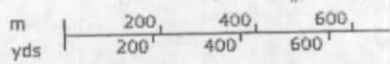
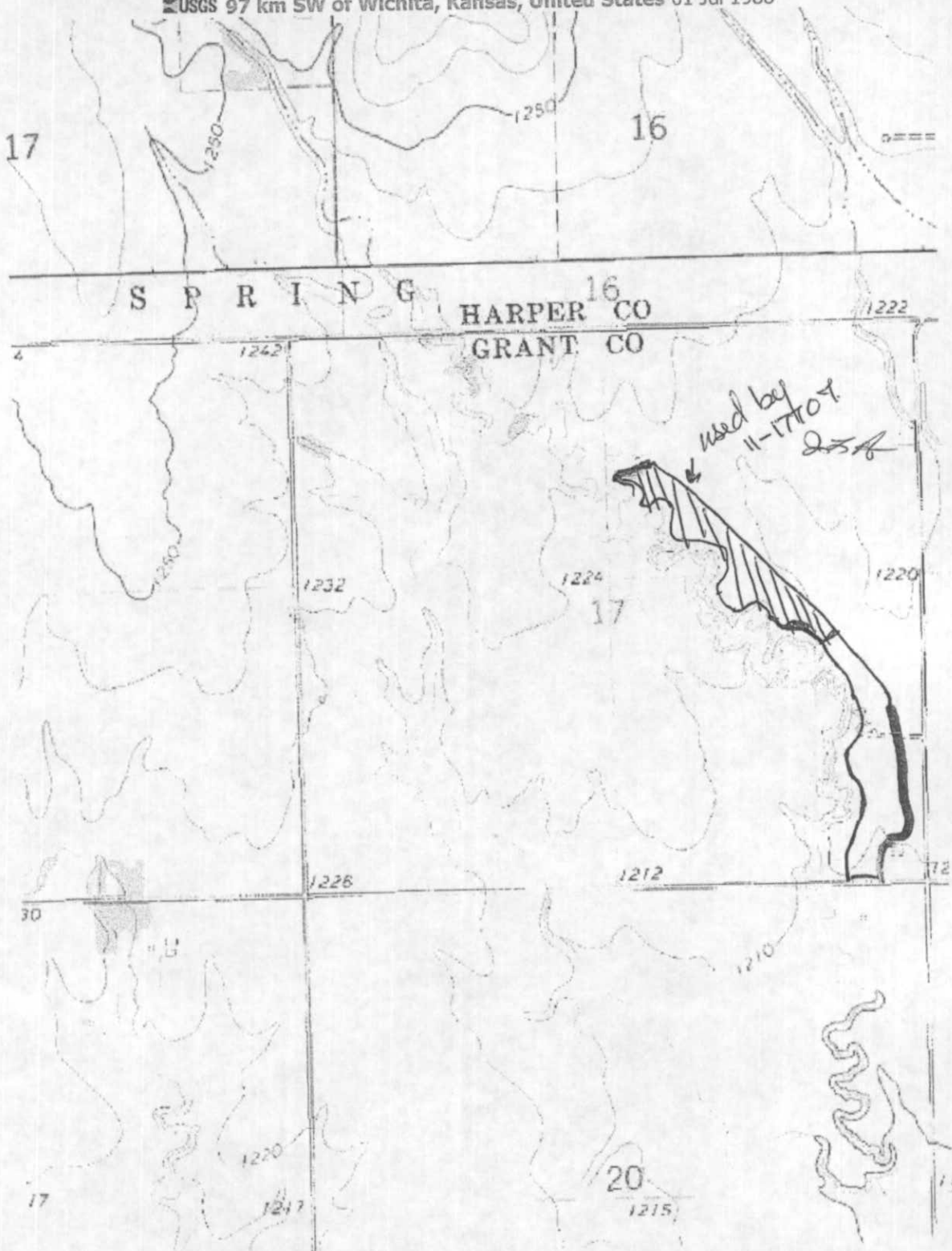


Image courtesy of the U.S. Geological Survey

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ENVIRONMENTAL RESOURCE TECHNOLOGIES, LLC

13528 CR 3630

Ada, OK 74820-0722

(580) 332-8808 Phone (580) 421-9110 Fax

EPA Laboratory Code: OK00921

ODEQ Certification No. 8304

Client Name: Triple C Soil Farming

Date Received: 8/5/2011

Sample Date: 8/4/2011

Report Date: 8/8/2011

Four Soil Samples

Project: SandRidge Exploration (Green 1-16)

SEC. 17-29N-07W

GRANT CO.

- CERTIFICATE OF ANALYSIS -

Sample ID	Specific Conductivity (micromhos/cm)	ESP %
Soil Samples		
#1 West	1,845	-
#2 West Middle	1,587	-
#3 East	1,831	-
#4 East Middle	1,984	< 0.1


Laboratory Personnel

Environmental Resource Technologies

13529 CR 3630 Ave, Oklahoma 74520-0722
Phone (800) 372-6888 Fax (580) 421-0110

SEC 17-29N-07W
GRANT Co.

CHAIN OF CUSTODY

Client Name: Triple C Soil Farming

Project Name: Sand Ridge Exploration (Green 1-16)

Sample ID	Date/Time	Location	Notes	Received By	Date/Time	Received By	Date/Time
	8-4-11	S	#1 West				
	↓	↓	#2 West Middle				
			#3 East				
			#4 East Middle				

Sampled By: <u>Preston Paul</u>	Date/Time: <u>8-4-11</u>	Received By: <u>[Signature]</u>	Date/Time: <u>8-5-11 11:00</u>
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished to Lab By: <u>[Signature]</u>	Date/Time: <u>8-5-11 12:30</u>	Received at Lab By: <u>[Signature]</u>	Date/Time: <u>8-5-11 12:30</u>

EC on all samples.
ESP on sample with
the highest EC.

Report To:	Send Invoice To:
Address:	Address:
Phone/Fax Number:	Phone/Fax Number:

Fax # 580-857-2933

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

Form 1014L
Rev. 2010

Surface Owner Permission For Land Application
OAC 165:10-7-19(f)(2)(A) and 165:10-7-26(g)(2)(A)

I, LeForce Farms Inc. Susan Tucker President (SURFACE OWNER) hereby give
permission to Triple C Soil Farming LLC (OPERATOR) or his
contractor or agent to land apply:

- Water based drilling fluids and/or cuttings
Initial ST
- Petroleum hydrocarbon-based drill cuttings
Initial _____
- Soils contaminated by salt or crude oil
Initial _____

under the regulations of the Oklahoma Corporation Commission to 40 acres of property of which
I have legal ownership.

This property is described as follows:

1/4	1/4	1/4	Section	Township	Range	County
NE	SE		17	29N	7W	Grant

Furthermore, if the drill cuttings, oil base drilling mud or crude oil contaminated soil are spread on the
land the material shall be incorporated into the soil by disking, chiseling or another method and fertilizer
applied.

Susan Tucker President
Signature LeForce Farms, Inc. Date 8-15-11

Telephone Number 580-532-5115

Note: In the event a problem or concern develops as a result of this land application, please contact the OCC
Manager of Field Operations at (405) 521-2240. Retain a copy for your records.

DISTRICT I
115 West 6th Street
Post Office Box 779
Bristow, OK 74010-0779
OCC 101 287 2102

DISTRICT II
101 South 6th Street
Post Office Box 1107
Kingfisher, OK 73750-1107
OCC 101 287 2102


DISTRICT III
1020 Willow Street
Post Office Box 1525
Duncan, OK 73533
OCC 101 287 2102

DISTRICT IV
703 North Broadway
Ada, OK 74820-3437
OCC 101 287 2102

**CHECKLIST FOR RULE 165:10-7-19
ONE-TIME LAND APPLICATION OF FLUIDS**

1. Attach the legal description with the map prepared by the applicant or the district.
**PART OF THE E½ SECTION 17-29N-07W GRANT COUNTY
OKLAHOMA**
2. What is the maximum slope? **3%**
3. What is the minimum depth to bedrock? **29 INCHES**
4. Does the soil profile contain at least 12 inches of one of the following soil textures?
Loam, silt loam, silt, silty clay loam, sandy clay loam, clay loam, sandy clay, silty clay, or
clay? **YES**
5. If the soil profile does contain at least 12 inches of any of the textures above, list what
these textures are below . **KINGFISHER SILT LOAM, 0-17 IN. SILT LOAM;
McCLAIN SILT LOAM, 0-14 IN. SILT LOAM; POND CREEK SILT LOAM, 0-
14 IN. SILT LOAM; PORT AND POCASSET SOILS, 0-22 IN. SILT LOAM, 0-14
IN. SILT LOAM, RESPECTIVELY.**
6. Estimate the salinity in the upper 6 inches of the soil or top soil as NONE, SLIGHT,
MODERATE, OR SEVERE. Circle with one applies.
7. Is there a water table within 6 feet of the soil surface excluding the perched water
table? Yes or No.
8. What is the estimated distance to the nearest stream, fresh water pond, lake, or
wetland? **100 FEET**
9. State any additional comments that you may have that have not been covered above.

THIS IS A SUITABLE SITE FOR LAND APPLICANTS OF DRILLING FLUIDS.



James Arnold

8-11-11

Date

SandRidge

August 8, 2011

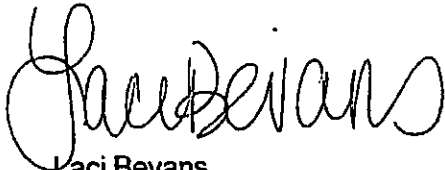
Triple C Soil Farming
601 Park Avenue
Fairview, OK 73737

Re: Green 1-16H
E1/2 of Section 16, T35S-R6W
Harper County, Kansas

Gentlemen:

You are hereby authorized to represent SandRidge Exploration and Production LLC interest as its agent for the purpose of obtaining all approvals and permits from the Oklahoma Corporation Commission as are necessary or desirable in order to allow SandRidge Energy, Inc. to lawfully apply onsite fluids and solids generated by the drilling of the above referenced well. SandRidge Exploration and Production LLC. anticipates starting operations of this well August 14, 2011.

Best regards,



Laci Bevens
Regulatory Technician
(405) 429-5610

Map Unit Legend

Grant County, Oklahoma (OK053)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
24	Kingfisher silt loam, 1 to 3 percent slopes	3.3	10.1%
34	McLain silt loam, 0 to 1 percent slopes, rarely flooded	25.3	76.7%
39	Pond Creek silt loam, 0 to 1 percent slopes	0.1	0.2%
42	Port and Pocasset soils, 0 to 1 percent slopes, frequently flooded	4.3	13.0%
Totals for Area of Interest		33.0	100.0%