



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1092512
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: _____



1092512

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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> <i>(Submit ACO-4)</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	Brobee SWD 1-26
Doc ID	1092512

Tops

Name	Top	Datum
Base Heebner	4213	
Lansing	4311	
Cherokee	4894	
Mississippian	5021	
Warsaw	5103	
Osage	5246	
Kinderhook	5550	
Viola	5669	
Arbuckle	5808	

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

September 19, 2012

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

Re: ACO1
API 15-057-20828-00-00
Brobee SWD 1-26
SE/4 Sec.26-26S-24W
Ford County, Kansas

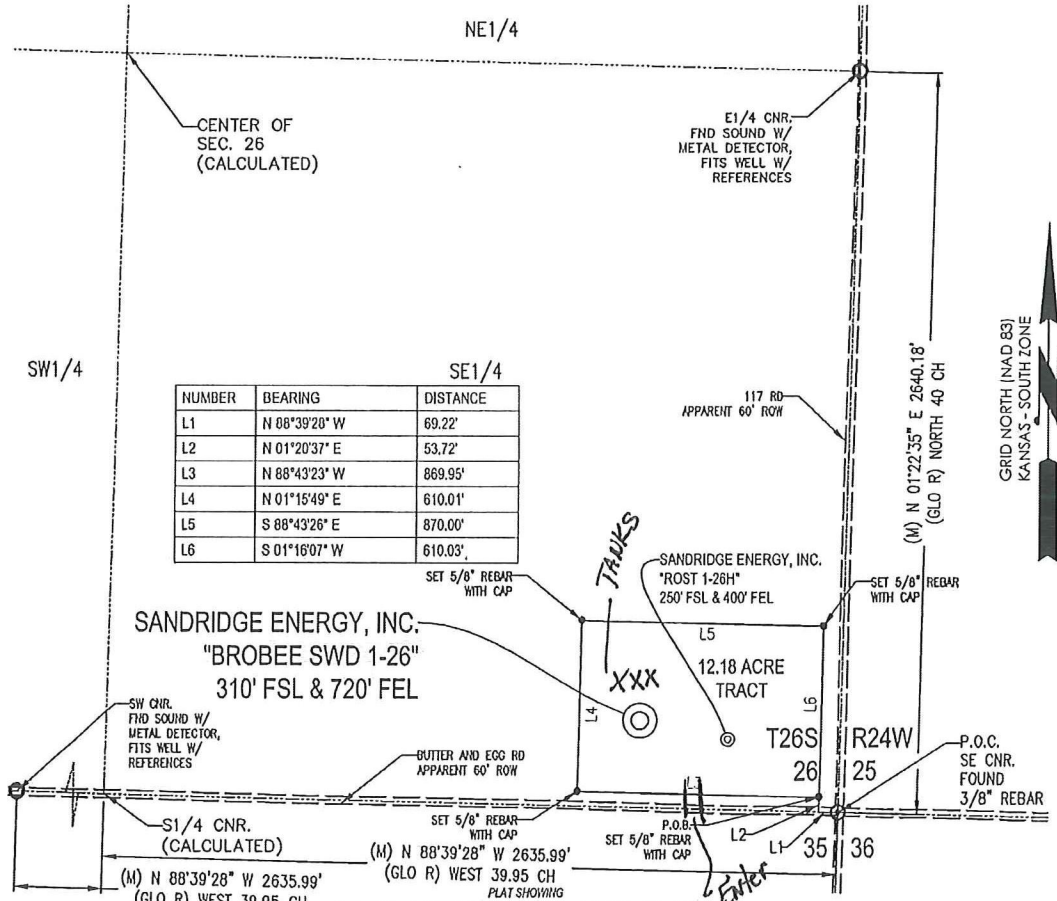
Dear Production Department:

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,
Wanda Ledbetter

T 26 S - R 24 W



NUMBER	BEARING	DISTANCE
L1	N 08°39'20" W	69.22'
L2	N 01°20'37" E	53.72'
L3	N 88°43'23" W	869.95'
L4	N 01°15'49" E	610.01'
L5	S 88°43'26" E	870.00'
L6	S 01°16'07" W	610.03'

METES AND BOUNDS DESCRIPTION (12.18 ACRE TRACT)

PART OF THE SE1/4 OF SECTION 26, TOWNSHIP 26 SOUTH, RANGE 24 WEST, FORD COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

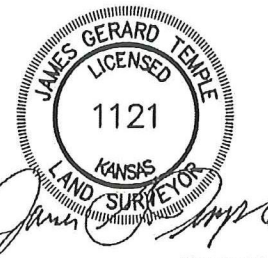
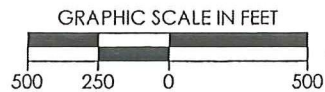
COMMENCING AT A FOUND 3/8" REBAR AT THE SE CORNER OF SAID SECTION 26;
 THENCE N 88°39'28" W ALONG THE SOUTH LINE OF SAID SECTION 26, A DISTANCE OF 69.22 FEET TO A POINT;
 THENCE N 01°20'37" E, A DISTANCE OF 53.72 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121," SAID POINT BEING THE POINT OF BEGINNING;
 THENCE N 88°43'23" W, A DISTANCE OF 869.95 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121,"
 THENCE N 01°15'49" E, A DISTANCE OF 610.01 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121,"
 THENCE S 88°43'26" E, A DISTANCE OF 870.00 FEET TO A SET 5/8" REBAR WITH CAP MARKED "LS1121,"
 THENCE S 01°16'07" W, A DISTANCE OF 610.03 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 12.18 ACRES MORE OR LESS OF LAND AS SURVEYED.

BASIS OF BEARINGS:
 KANSAS COORDINATE SYSTEM 1983 SOUTH ZONE
BEARINGS: GRID
DISTANCES: US SURVEY FOOT AT GRID
COORDINATES: US SURVEY FOOT AT GRID

SURVEYOR'S CERTIFICATE:
 I, JAMES GERARD TEMPLE, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1121, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION ON THE DATE OF 04-23-2012.

(GLO R)- GENERAL LAND OFFICE RECORD
 (PERM R)- PERMANENT SURVEY RECORD
 (M)- MEASURED DATA



4/23/2012

REVISION		SandRidge	
△	REVISED CL LIMITS (04-19-2012)	"BROBEE SWD 1-26" PART OF THE SE1/4 OF SECTION 26, T-26-S, R-24-W PROPOSED DRILL SITE FORD COUNTY, KANSAS	
	SCALE: 1" = 500'	PLOT DATE: 04-23-2012	DRAWN BY: S. ANDER
			SHEET NO.: 1 OF 1



Conductor, Rat and Mouse Hole Drilling Services

Ticket

Company:

Date: 7/29/2012

Sandridge

Drill Rig: Tomcat 3	Location: Ford County	Lease Name: Brobee #1-26 SWD DC 11992
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120' of 30" Drilled Conductor Hole
120' of 20" Conductor Pipe(.250 wall) 82ppf
6'x6' Cellar Tinhorn W/Protective Ring
 Drill & Install cellar
20' of 20" Drilled Moushole
20' of 15" Moushole Pipe
40' of 20" Drilled Rathole
40' of 15" Shuck
Mobilization of Equipment & Road Permitting Fee
Welding Services for Pipe & Lids
Provided Equipment & Labor for Dirt Removal
Provided Personal to Facilitate Diggtes(One Call)
Provide Metal for Lids(1 for the Conductor and 2 for the Mouse hole pipe)
13 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe

AFE Number: DC 11992
 Well Name: Brobee 1-26 SWD
 Code: 850.010
 Amount: 21,500.00
 Co. Man: Capital Funding
 Co. Man Sig: [Signature]
 Notes: _____

Comments:)
 Thank You For Your Business
 If a caving formation and (or) water is found addition fee(s) will be add to cover the cost of tank trucks, vacuum trucks, and cement pump trucks. Rrices figured on non-rocky soil conditions, if rock is present then there will be a surcharge.

Total \$21,500.00

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2944110	Quote #:	Sales Order #: 9732775
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Man, Company	
Well Name: Brobee	Well #: 1-26 SWD	API/UWI #:	
Field:	City (SAP): DODGE CITY	County/Parish: Ford	State: Kansas
Legal Description: Section 26 Township 26S Range 24W			
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Surface Casing			
Well Type: Disposal Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: CARRILLO, EDUARDO	MBU ID Emp #: 371263

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	7.5	371263	LUNA, JOSE A	7.5	480456	McClellon, James	7.5	496019
Williams, Darrel	7.5	511430						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243558	85 mile	10744298C	85 mile	10784078	85 mile	10924986	85 mile
11133699	85 mile	11150262	85 mile	11515116	85 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-10-2012	3.5	1	8-11-2012	4	2.5			
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	10 - Aug - 2012	12:30	CST
Form Type			BHST	On Location	10 - Aug - 2012	20:20	CST
Job depth MD	1451. ft		Job Depth TVD	1451. ft	Job Started	11 - Aug - 2012	00:33
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	11 - Aug - 2012	01:40
Perforation Depth (MD)	From		To		Departed Loc	11 - Aug - 2012	04:00

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12.25" Open Hole				12.25				.	1438.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1438.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	H
Stage Tool										Centralizers			

Miscellaneous Materials

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

Fluid Data

Stage/Plug #: 1

HALLIBURTON

Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	350.0	sacks	12.4	2.12	11.68		11.68
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	160.0	sacks	15.6	1.19	5.3		5.3
	1 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.302 Gal	FRESH WATER							
4	Displacement		108.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	109	Shut In: Instant		Lost Returns	0	Cement Slurry	166	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	40	Actual Displacement	109	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	285
Rates									
Circulating	6	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

*510 SKS total
Surface*

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2944110	Quote #:	Sales Order #: 9760275
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Robles, Ricky	
Well Name: Brobee	Well #: 1-26 SWD	API/UWI #:	
Field:	City (SAP): DODGE CITY	County/Parish: Ford	State: Kansas
Legal Description: Section 26 Township 26S Range 24W			
Contractor: TOMCAT		Rig/Platform Name/Num: 3	
Job Purpose: Cement Intermediate Casing			
Well Type: Disposal Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: MONTOYA-MOLINAS, ARTHUR	MBU ID Emp #: 483764

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MENDOZA, VICTOR	19	442596	MONTOYA-MOLINAS, ARTHUR J	19	483764	STELL, KEVIN Woodrow	19	450776

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-28-2012	12	1	8-29-2012	2	.5			
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	28 - Aug - 2012	12:00	CST
Form Type			BHST	Job Started	28 - Aug - 2012	23:09	CST
Job depth MD	5932. ft		Job Depth TVD	Job Completed	29 - Aug - 2012	00:30	CST
Water Depth			Wk Ht Above Floor	4. ft	29 - Aug - 2012	01:45	CST
Perforation Depth (MD)	From		To	Departed Loc	29 - Aug - 2012		CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
8.75" Open Hole				8.75				1438.	5930.		
7" Intermediate Casing	Unknown		7.	6.276	26.	BTC	P-110	.	5930.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1438.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HW, 5.66 MIN/6.54 MAX CS	1	EA		

Tools and Accessories

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

Miscellaneous Materials

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

Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Gel Spacer (Rig will provide)		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	80.0	sacks	15.6	1.19	5.08		5.08
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.076 Gal	FRESH WATER							
4	Displacement/TB C		222.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	222 BBLs	Shut In: Instant		Lost Returns	0	Cement Slurry	72 BBLs	Pad	
Top Of Cement	3357 FT	5 Min		Cement Returns	0	Actual Displacement	222 BBLs	Treatment	
Frac Gradient		15 Min		Spacers	30 BBLs	Load and Breakdown		Total Job	
Rates									
Circulating	3	Mixing	5	Displacement	7.5	Avg. Job	6		
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

*280 SKS total
intermediate*

Logo

Back to Well Completion

Brobee SWD 1-26 (1092512)

Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

Attachments

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

[Add Attachment](#)

Remarks

Remarks to KCC

[Add Remark](#)

Remarks

Tiffany Golay 11/19/012 10:51 am	Additional Fluid Mgmt Info: 140bbbs hauled to West OK Disposal, Smith Estate; Well #1, 21-23N-21W, Woodward, OK and 1120bbbs hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43 Lipscomb, TX, 10-0992
Tiffany Golay 10/29/012 02:25 pm	Conductor weight= 94 lbs/ft and was set with 13 yards of cement