



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1081277  
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: \_\_\_\_\_

1081277

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <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> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 15, 2012

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

Re: ACO1  
API 15-077-21839-01-00  
Shelby SWD 1-03  
SW/4 Sec.03-35S-07W  
Harper County, Kansas

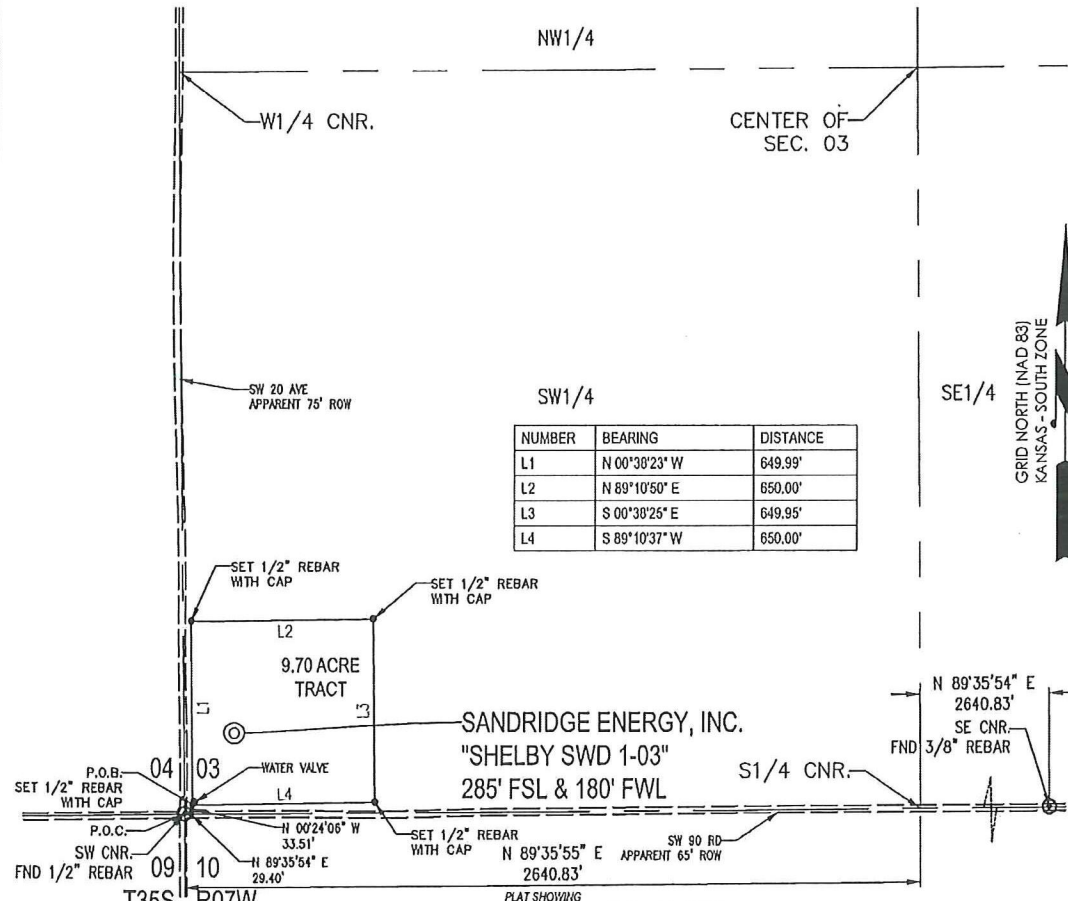
Dear Production Department:

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

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

Respectfully,  
Tiffany Golay

T 35 S - R 07 W



9.70 ACRE TRACT OF LAND IN THE  
 SW1/4 OF SECTION 03, T35S-R07W,  
 HARPER COUNTY, KANSAS

METES AND BOUNDS DESCRIPTION (9.70 ACRE TRACT)

PART OF THE SW 1/4 OF SECTION 03, TOWNSHIP 35 SOUTH, RANGE 07 WEST, HARPER COUNTY, KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SW CORNER OF SAID SECTION 03;  
 THENCE N 89°35'54" E ALONG THE SOUTH LINE OF SAID SECTION 03, A DISTANCE OF 29.40 FEET;  
 THENCE N 00°24'06" W, A DISTANCE OF 33.51 FEET TO THE POINT OF BEGINNING;  
 THENCE N 00°38'23" W, A DISTANCE OF 649.99 FEET;  
 THENCE N 89°10'50" E, A DISTANCE OF 650.00 FEET;  
 THENCE S 00°38'25" E, A DISTANCE OF 649.95 FEET;  
 THENCE S 89°10'37" W, A DISTANCE OF 650.00 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 9.70 ACRES MORE OR LESS OF LAND AS SURVEYED.

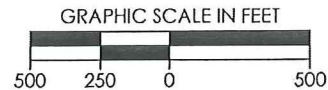
THE COORDINATES ARE BASED ON NAD83 STATE PLANE COORDINATE SYSTEM AS PROCESSED BY OPUS USING THESE STATIONS: AF9518 LMNO LAMONT CORS ARP, AF9525 VCIO VICI CORS ARP, & AF9562 HVLK HAVILAND CORS ARP

SURVEYOR'S CERTIFICATE:

I, C. ED GRAY, KANSAS LICENSED PROFESSIONAL LAND SURVEYOR, NO. 1404, DO HEREBY CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION ON THE DATE OF 03-27-2012.

GENERAL NOTES:

THE TIES AND FOOTAGES SHOWN ON THIS PLAT ARE FROM LINES OF OCCUPATION FROM A SURVEY MADE ON THE GROUND AND / OR BEARING AND DISTANCES FROM THE GENERAL LAND OFFICE PLAT OF THE AREA SHOWN AND MAY NOT BE THE ACTUAL PROPERTY CORNERS. THIS PLAT DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.



REVISION		<b>SandRidge</b>	
△	ADDED BHL (03-27-2012)	"SHELBY SWD 1-03" PART OF THE SW 1/4 OF SECTION 03, T-35-S, R-07-W PROPOSED DRILL SITE HARPER COUNTY, KANSAS	
SCALE: 1" = 500'		DRAWN BY: S.ANDER	
PLOT DATE: 03-27-2012		SHEET NO.: 1 OF 1	



# INVOICE

DATE	INVOICE #
4/30/2012	3098

<b>BILL TO</b>
SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102

<b>REMIT TO</b>
EDGE SERVICES, INC. BILLING DEPARTMENT PO BOX 14201 OKLAHOMA CITY, OK 73113

STARTING D...	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
4/26/2012	WO #2570	LARIAT #20	SHELBY 1-3 SWD	Due on rec...

Description	Amount
DRILLED 90' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE & SET 6' x 6' TINHORN CELLAR FURNISHED 90' OF 20" CONDUCTOR PIPE FURNISHED WELDER AND MATERIALS FURNISHED GROUT - 9 YARD OF GRADE A CEMENT DRILLED MOUSE HOLE FURNISHED 80' OF 16" CONDUCTOR PIPE FOR MOUSE HOLE  TOTAL BID \$	22,650.00
<b>TOTAL</b>	<b>\$22,650.00</b>

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2925683	Quote #:	Sales Order #: 9495880
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Reid, Lance	
Well Name: Shelby	Well #: 1-3 SWD	API/UWI #:	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 03 Township 35S Range 07W			
Contractor: Lariat		Rig/Platform Name/Num: Lariat 20	
Job Purpose: Cement Surface Casing			
Well Type: Injection Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: TORRES, DIEGO	MBU ID Emp #: 390647

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CRESS, JOHNNY Leneil	5	511390	SEELY, MATTHEW Lance	5	507547	TERRY, STACY Glen	5	373291
TORRES, DIEGO Lopez	5	390647						

### 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
5-7-12	5	2						

**TOTAL** Total is the sum of each column separately

Job				Job Times			
Formation Name	Top	Bottom		Date	Time	Time Zone	
Formation Depth (MD)				Called Out	07 - May - 2012	07:00	CST
Form Type		BHST		On Location	07 - May - 2012	13:00	CST
Job depth MD	710.5 ft	Job Depth TVD	710.5 ft	Job Started	07 - May - 2012	14:45	CST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	07 - May - 2012	16:26	CST
Perforation Depth (MD)	From	To		Departed Loc	07 - May - 2012	18:00	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
Open Hole				17.5					700.		
Surface Casing	Unknown		13.375	12.415	68.	BTC	J-55		700.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug		1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container		1	
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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1

Summit Version: 7.3.0021

Monday, May 07, 2012 17:13:00

# HALLIBURTON

## Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Surface Casing Water Spacer		40.00	bbl	.	.0	.0	.0		
2	halliburton light standard	EXTENDACEM (TM) SYSTEM (452981)	375.0	sacks	12.4	2.13	11.75		11.75	
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	11.75 Gal	FRESH WATER								
3	Standard	HALCEM (TM) SYSTEM (452986)	300.0	sacks	15.6	1.2	5.32		5.32	
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.125 %	POLY-E-FLAKE (101216940)								
	5.32 Gal	FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement	100	Shut In: Instant		Lost Returns	NO	Cement Slurry	208	Pad		
Top Of Cement	668.69	5 Min		Cement Returns	90	Actual Displacement	100	Treatment		
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	348	
Rates										
Circulating	6	Mixing	6	Displacement	6	Avg. Job	6			
Cement Left In Pipe	Amount	40 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						

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021		Ship To #: 2925683		Quote #:		Sales Order #: 9508095							
Customer: SANDRIDGE ENERGY INC EBUSINESS				Customer Rep: Reid, Lance									
Well Name: Shelby			Well #: 1-3 SWD			API/UWI #:							
Field:		City (SAP): ANTHONY		County/Parish: Harper		State: Kansas							
Legal Description: Section 03 Township 35S Range 07W													
Contractor: Lariat			Rig/Platform Name/Num: Lariat 20										
Job Purpose: Cement Intermediate Casing													
Well Type: Injection Well					Job Type: Cement Intermediate Casing								
Sales Person: NGUYEN, VINH			Srcv Supervisor: RODRIGUEZ, EDGAR				MBU ID Emp #: 442125						
<b>Job Personnel</b>													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #		
BRITTAIN, TIM		4.5	0	GOMEZ, OSCAR		4.5	490448	HERNANDEZ, DAVID		4.5	0		
RODRIGUEZ, EDGAR Alejandro		4.5	442125	TERRY, STACY		4.5	0						
<b>Equipment</b>													
HES Unit #		Distance-1 way		HES Unit #		Distance-1 way		HES Unit #		Distance-1 way			
<b>Job Hours</b>													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
5/19/2012	3	2.5	5/20/2012	1.5	2								
<b>TOTAL</b>		Total is the sum of each column separately											
<b>Job</b>													
Formation Name					Job Times								
Formation Depth (MD) Top		Bottom		Called Out		Date	Time	Time Zone					
						19 - May - 2012	15:00	CST					
Form Type		BHST		On Location		19 - May - 2012	20:00	CST					
Job depth MD		5696. ft	Job Depth TVD	5699. ft	Job Started		19 - May - 2012	21:43	CST				
Water Depth		Wk Ht Above Floor		3. ft	Job Completed		19 - May - 2012	23:55	CST				
Perforation Depth (MD) From		To		Departed Loc		20 - May - 2012	01:30	CST					
<b>Well Data</b>													
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		
Intermediate Open Hole Area				12.25				700.	5650.				
Lower Intermediate Casing	Unknown		9.625	8.681	47.	LTC	13 Cr	5610.	5650.				
Surface Casing	Unknown		13.375	12.415	68.	BTC	J-55	.	700.				
Upper Intermediate Casing	Unknown		9.625	8.681	47.	BTC	P-110	.	5610.				
<b>Tools and Accessories</b>													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	HES
Stage Tool										Centralizers			
<b>Miscellaneous Materials</b>													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
<b>Fluid Data</b>													



# HALLIBURTON

## Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Intermediate Water Spacer		20.00	bbl	8.33	.0	.0	.0	
2	50/50 Poz Standard	EXTENDACEM (TM) SYSTEM (452981)	400.0	sacks	13.6	1.57	7.53		7.53
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.53 Gal	FRESH WATER							
3	PREMIUM	HALCEM (TM) SYSTEM (452986)	400.0	sacks	15.6	1.2	5.18		5.18
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	5.177 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	411	Shut In: Instant		Lost Returns		Cement Slurry	198	Pad	
Top Of Cement		5 Min		Cement Returns	0	Actual Displacement	409	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	627
Rates									
Circulating	5	Mixing	5	Displacement	7	Avg. Job	6		
Cement Left In Pipe	Amount	40 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					