



**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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

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

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1060026

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

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

**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 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 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  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
_____ 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

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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2847282	Quote #:	Sales Order #: 8086008
Customer: APACHE CORP		Customer Rep: Stanley, Josh	
Well Name: Deckard	Well #: 1-33	API/UWI #: 15-119-21286	
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 33 Township 34S Range 26W			
Contractor: Duke Drilling		Rig/Platform Name/Num: 6	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MEREDITH, JERRY		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN	8	442123	GOMEZ, OSCAR	8	490448	LOPEZ, JUAN R	8	198514
MCJILTON, LONDON Kyle	8	489077	SMITH, BOBBY Wayne	8	106036			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10240239	45 mile	10240245	45 mile	10243558	45 mile	10744298C	45 mile
10866807	45 mile	10949718	45 mile	10998524	45 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone
				Called Out	07 - Apr - 2011	05:00 CST
Form Type		BHST	75 degF	On Location	07 - Apr - 2011	08:00 CST
Job depth MD	1623. ft	Job Depth TVD	1626. ft	Job Started	07 - Apr - 2011	12:29 CST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	07 - Apr - 2011	13:47 CST
Perforation Depth (MD)	From	To		Departed Loc	07 - Apr - 2011	15:30 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
12-1/4" Surface Open Hole				12.25				80.	1600.		
20" Pre-Set Conductor	New		20.	19.124	94.				80.		
8-5/8" Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	J-55		1600.		

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,8-5/8 8RD	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	5	EA		
HALLIBURTON WELD-A KIT	1	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	2	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		
CLR,FLT,TROPHY SEAL,8-5/8 8RD	1	EA		
AUTOFILL KIT,TROPHY SEAL	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
	Conc	Inhibitor	Conc	Sand Type	Size	Conc	Qty		%

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Lead Cement	MIDCON-2 CEMENT STANDARD - SBM (15078)	450.0	sacks	11.4	2.95	18.09	8.0	18.09
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	18.09 Gal	FRESH WATER							
2	Tail Cement	CMT - STANDARD CEMENT (100003684)	200.0	sacks	15.6	1.2	5.18	6.0	5.18
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	5.177 Gal	FRESH WATER							
3	Mud Displacement		101.00	bbl	9.	.0	.0	8.0	

Calculated Values			Pressures			Volumes		
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad
Top Of Cement		5 Min		Cement Returns	50	Actual Displacement		Treatment
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job

Rates									
Circulating		Mixing		Displacement		Avg. Job			
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		

<p>The Information Stated Herein Is Correct</p>	<p>Customer Representative Signature</p> 
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*Cementing Job Log*

The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2847282	Quote #:	Sales Order #: 8086008
Customer: APACHE CORP		Customer Rep: Stanley, Josh	
Well Name: Deckard	Well #: 1-33	API/UWI #: 15-119-21286	
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 33 Township 34S Range 26W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Duke Drilling		Rig/Platform Name/Num: 6	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: MEREDITH, JERRY		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/07/2011 05:00							
Depart Location Safety Meeting	04/07/2011 06:30							
Arrive At Loc	04/07/2011 08:00							
Assessment Of Location Safety Meeting	04/07/2011 08:00							Rig pulling drill pipe
Pre-Rig Up Safety Meeting	04/07/2011 08:05							
Other	04/07/2011 08:55							drill pipe out of the hole casing crew rigging up.
Rig-Up Completed	04/07/2011 09:00							
Other	04/07/2011 09:30							casing going in the hole
Other	04/07/2011 12:00							casing on bottom rig is circulating.
Safety Meeting - Pre Job	04/07/2011 12:20							
Start Job	04/07/2011 12:29							
Test Lines	04/07/2011 12:30						3000.0	
Pump Lead Cement	04/07/2011 12:36		6	236.4 2			100.0	450 sx = 1327.5 ft3 = top of cement surface
Other	04/07/2011 12:37							mud returns
Pump Tail Cement	04/07/2011 13:12		6	42.74			100.0	200 sx = 240 ft3. top of cement 1081.04 ft
Drop Top Plug	04/07/2011 13:22							
Pump Displacement	04/07/2011 13:24		6	0			50.0	water
Bump Plug	04/07/2011 13:45		6	100.7 2		400.0	1300.0	

*Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Check Floats	04/07/2011 13:46							float held.
End Job	04/07/2011 13:47							50 bbis of cement back to surface.
Safety Meeting - Pre Rig-Down	04/07/2011 13:50							
Rig-Down Completed	04/07/2011 15:00							
Safety Meeting - Departing Location	04/07/2011 15:15							
Depart Location for Service Center or Other Site	04/07/2011 15:30							Thank you for calling Halliburton. Bob and crew.

The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2847282	Quote #:	Sales Order #: 8099455
Customer: APACHE CORP		Customer Rep: STANLEY, JOSH	
Well Name: Deckard	Well #: 1-33	API/UWI #: 15-119-21286	
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 33 Township 34S Range 26W			
Contractor: Duke		Rig/Platform Name/Num: #6	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: MEREDITH, JERRY		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 #
AGUILERA, FABIAN J	5	442123	CARRILLO, EDUARDO Carrillo	5	371263	RODRIGUEZ, EDGAR Alejandro	5	442125
SMITH, BOBBY Wayne	5	106036						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10714253C	45 mile	10744298C	45 mile	10988832	45 mile	10994449	45 mile
11133699	45 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4-13-2011	5	4						
<b>TOTAL</b>			<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
Form Type			BHST	148 degF	13 - Apr - 2011	03:00	CST
Job depth MD	6256. ft		Job Depth TVD	6256. ft	13 - Apr - 2011	06:30	CST
Water Depth			Wk Ht Above Floor	5. ft	13 - Apr - 2011	08:54	CST
Perforation Depth (MD)	From		To	Job Completed	13 - Apr - 2011	10:24	CST
				Departed Loc	13 - Apr - 2011	12:00	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
7-7/8" Production Open Hole				7.875				1600.	6200.		
5-1/2" 17 ppf Production Casing	New		5.5	4.892	17.	8 RD (LT&C)	J-55		6200.		
8-5/8" Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	J-55		1600.		

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CTRZR ASSY, 5 1/2 CSG X 7 7/8 HOLE, HINGED	10	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
PLUG ASSY, 5 1/2 OMEGA/HWE, 4.38 MIN/5.09	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	5 1/2	1	h
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	5 1/2	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										
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	Water Spacer			bbl	8.33	.0	.0	.0		
2	Superflush			bbl	9.3	.0	.0	.0		
68 lbm/bbl		HALLIBURTON SUPER FLUSH (100003639)								
3	Water Spacer			bbl	8.33	.0	.0	.0		
4	Lead Cement	POZ PREMIUM 50/50 - SBM (12302)		sacks	12.8	1.83	8.9		8.9	
8.896 Gal		FRESH WATER								
0.6 %		HALAD(R)-322, 50 LB (100003646)								
3 lbm		KOL-SEAL, BULK (100064233)								
5 %		CAL-SEAL 60, 50 LB BAG (101217146)								
10 %		SALT, 100 LB BAG (100003652)								
5	Tail Cement	POZ PREMIUM 50/50 - SBM (12302)		sacks	14.2	1.36	5.54		5.54	
5.535 Gal		FRESH WATER								
0.6 %		HALAD(R)-322, 50 LB (100003646)								
3 lbm		KOL-SEAL, BULK (100064233)								
5 %		CAL-SEAL 60, 50 LB BAG (101217146)								
10 %		SALT, 100 LB BAG (100003652)								
6	2% KCL Water Displacement			bbl	8.4	.0	.0	.0		
7 lbm/bbl		POTASSIUM CHLORIDE 7% (100001585)								
Calculated Values			Pressures			Volumes				
Displacement	144	Shut In: Instant		Lost Returns	0	Cement Slurry	98	Pad		
Top Of Cement	3144	5 Min		Cement Returns	0	Actual Displacement	144	Treatment		
Frac Gradient		15 Min		Spacers	60	Load and Breakdown		Total Job	302	
Rates										
Circulating	6	5	Mixing	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						
										



*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 300496	<b>Ship To #:</b> 2847282	<b>Quote #:</b>	<b>Sales Order #:</b> 8099455
<b>Customer:</b> APACHE CORP		<b>Customer Rep:</b> STANLEY, JOSH	
<b>Well Name:</b> Deckard	<b>Well #:</b> 1-33	<b>API/UWI #:</b> 15-119-21286	
<b>Field:</b>	<b>City (SAP):</b> MEADE	<b>County/Parish:</b> Meade	<b>State:</b> Kansas
<b>Legal Description:</b> Section 33 Township 34S Range 26W			
<b>Lat:</b> N 0 deg. OR N 0 deg. 0 min. 0 secs.		<b>Long:</b> E 0 deg. OR E 0 deg. 0 min. 0 secs.	
<b>Contractor:</b> Duke	<b>Rig/Platform Name/Num:</b> #6		
<b>Job Purpose:</b> Cement Production Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Production Casing	
<b>Sales Person:</b> MEREDITH, JERRY	<b>Srv Supervisor:</b> CARRILLO, EDUARDO	<b>MBU ID Emp #:</b> 371263	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/13/2011 03:00							Dispach Called Cement Crew For Job On The Apache Corp Well Deckard # 1-33 5 1/2 Production
Other	04/13/2011 04:15							Loading Equipment And Chemicals For Job
Pre-Convoy Safety Meeting	04/13/2011 05:15							Discuss Route to take and Hazards on the road
Arrive At Loc	04/13/2011 06:15							
Assessment Of Location Safety Meeting	04/13/2011 06:25							Rig Runing Last Joint's Of Casing
Other	04/13/2011 06:30							Casing On Bottome Rig Circulating For One HR Per Customer Rep. He Said To Pump Rat And Mouse Hol Last.
Pre-Rig Up Safety Meeting	04/13/2011 06:35							Discused All Red Zones Went Over JSA.
Rig-Up Completed	04/13/2011 07:35							
Other	04/13/2011 08:20							Mixed Chemicals For Super Flush.
Pre-Job Safety Meeting	04/13/2011 08:45							Discussed Job Went Over Depths And Volumes Have Rig Crew Sing Saftey Sheet. Talked To Customer On How Fast To Pump And Pressers.
Start Job	04/13/2011 08:54							Ready for Halliburton

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	04/13/2011 08:55						4000.0	Tested @ 4000 PSI Heald Relesed Presser On The Iron On Releas Line
Pump Spacer 1	04/13/2011 09:03		5	20	20		220.0	Pumped 20 bbls H2O Spacer
Pump Spacer 2	04/13/2011 09:08		5	20	40		280.0	Pumped 20 bbls Super Flush Spacer
Pump Spacer 1	04/13/2011 09:13		5	20	60		285.0	Pumped 20 bbls H2O Spacer
Pump Lead Cement	04/13/2011 09:17		5	49	109		250.0	Pumped 150 SKS CMT @ 12.8 ppg // 49 bbls CMT // 150 X 1.83 = 274 CU/FT
Pump Tail Cement	04/13/2011 09:28		5	49	158			Pumped 200 SKS CMT @ 14.2 ppg // 49 bbls CMT// 200 X 1.36 = 272 CU/FT
Shutdown	04/13/2011 09:40							
Drop Top Plug	04/13/2011 09:41							HWE
Pump Displacement	04/13/2011 09:51		6	144	301		200.0	Pumped 144 bbls Displacement KCL Water
Displ Reached Cmnt	04/13/2011 10:09		6	101	301		285.0	Displacement Reached CMT @ 101 bbls got 285 PSI.
Slow Rate	04/13/2011 10:18		2	134	301		850.0	Slowed Down Last 10 bbls @ 2 BPM .
Bump Plug	04/13/2011 10:19							Bumped Plug @ 1350Took To 1850 Heald For 5 min Per Customer Rep.
Check Floats	04/13/2011 10:23							Floats Heald Got 1 BBL Back
End Job	04/13/2011 10:25							
Pre-Rig Down Safety Meeting	04/13/2011 10:35							Discuss Pinchpoint and Triping Hazards
Rig-Down Completed	04/13/2011 11:45							
Other	04/13/2011 12:05							THANK YOU FOR CHOOSING HALLIBURTON
Crew Leave Location	04/13/2011 12:10							