



**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: \_\_\_\_\_



1066085

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 #: 2845475	Quote #:	Sales Order #: 8081353
Customer: APACHE CORP		Customer Rep: Stanley, Josh	
Well Name: Hager	Well #: 1-12	API/UWI #:	
Field:	City (SAP): PLAINS	County/Parish: Meade	State: Kansas
Legal Description: Section 13 Township 34S Range 27W			
Contractor: Duke Drilling		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	13	442123	CARRILLO, EDUARDO Carrillo	13	371263	PORTILLO, CESAR	13	457847
SMITH, BOBBY Wayne	13	106036	TORRES, CLEMENTE	13	344233			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10244148	45 mile	10286731	45 mile	10714253C	45 mile	10744298C	45 mile
10825713	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
4-3-2011	4	1.5	4-4-2011	2.5				
TOTAL			Total is the sum of each column separately					

Job

Job Times


Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone	
Formation Depth (MD)			On Location	03 - Apr - 2011	16:00	CST	
Form Type	BHST		142 degF	On Location	03 - Apr - 2011	18:30	CST
Job depth MD	6266. ft	Job Depth TVD	6266. ft	Job Started	04 - Apr - 2011	06:40	CST
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	04 - Apr - 2011	08:00	CST
Perforation Depth (MD)	From	To	Departed Loc	04 - Apr - 2011	09:45	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.	6260.		
5-1/2" 17 ppf Production Casing	New		5.5	4.892	17.	8 RD (LT&C)	J-55	.	6260.		
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
PLUG ASSY, 5 1/2 OMEGA/HWE, 4.38 MIN/5.09	1	EA		
SHOE, FLOAT, 5 1/2 8RD, 2 3/4 SUPER SEAL	2	EA		
CLR, FLT, 5-1/2 8RD, 14-23PPF, 2-3/4	2	EA		
CTRZR ASSY, 5 1/2 CSG X 7 7/8 HOLE, HINGED	12	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	2	EA		
KIT, HALL WELD-A	2	EA		

Tools and Accessories														
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	
Guide Shoe	6266				Packer					Top Plug	5 1/2	H	1	
Float Shoe					Bridge Plug					Bottom Plug				
Float Collar					Retainer					SSR plug set				
Insert Float										Plug Container	5 1/2	H	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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk			
1	Fresh Water				20.00	bbl	8.33	.0	.0	.0				
2	Superflush				20.00	bbl	9.5	.0	.0	.0				
		68 lbm/bbl HALLIBURTON SUPER FLUSH (100003639)												
3	Fresh Water				20.00	bbl	8.33	.0	.0	.0				
4	Lead Cement	MIDCON-2 CEMENT PREMIUM - SBM (15077)			90.0	sacks	11.4	2.89	17.85		17.85			
		0.1 % WG-17, 50 LB SK (100003623)												
		17.852 Gal FRESH WATER												
5	Tail Cement	HALLIBURTON LIGHT PREMIUM - SBM (12311)			150.0	sacks	12.7	1.94	9.3		9.3			
		10 lbm GILSONITE, BULK (100003700)												
		0.6 % HALAD(R)-322, 50 LB (100003646)												
		9.303 Gal FRESH WATER												
6	2% KCL Displacement				144.00	bbl	8.45	.0	.0	.0				
		167 lbm/Mgal POTASSIUM CHLORIDE - KCL, 50 LB BAG (100001585)												
		1 gal/Mgal CLAYFIX 3, 5 GAL PAIL (101810105)												
		1 gal/Mgal LOSURF-300M, 5 GAL PAIL (101439821)												
Calculated Values				Pressures				Volumes						
Displacement	144	Shut In: Instant		Lost Returns		0	Cement Slurry		98	Pad				
Top Of Cement	3142	5 Min		Cement Returns		0	Actual Displacement		144	Treatment				
Frac Gradient		15 Min		Spacers		60	Load and Breakdown			Total Job 302				
Rates														
Circulating	4	Mixing		6	Displacement		6	Avg. Job		6				
Cement Left in Pipe	Amount	45 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*

Sold To #: 300496	Ship To #: 2845475	Quote #:	Sales Order #: 8081353
Customer: APACHE CORP		Customer Rep: Stanley, Josh	
Well Name: Hager		Well #: 1-12	API/UWI #:
Field:	City (SAP): PLAINS	County/Parish: Meade	State: Kansas
Legal Description: Section 13 Township 34S Range 27W			
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 Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: MEREDITH, JERRY		Srvc Supervisor: CARRILLO, EDUARDO	MBU ID Emp #: 371263

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/03/2011 16:00							Dispach Called Cement Crew Out For Apach CORP Job Hager 1-12 5 1/2 Production
Pre-Convoy Safety Meeting	04/03/2011 17:30							Discuss Route to take and Hazards on the road
Assessment Of Location Safety Meeting	04/03/2011 18:30							Rigg Triping Out Drill Pipe.
Pre-Rig Up Safety Meeting	04/03/2011 18:45							Discussed all Red Zones Proper Lifting To Have Spoters at all Times Where to Run Water and Iron Lines Went Over JSA.
Rig-Up Completed	04/03/2011 19:45							
Other	04/03/2011 19:50							Got Numbers From Customer RepJosh Stanley // TD=6260//TP=6266//SJ= 45.73//Disp=144 BBLS// CAP = 1.06 BBL IN SJ. Have Customer Rep Sing Work Order Contract.
Wait on Customer or Customer Sub-Contractor Equip	04/03/2011 20:00							Wait on Rig Crew To Finish Triping Pipe Out.
Other	04/03/2011 21:10							Casing Crew Rigging Up. To Pull Calers Out.
Other	04/03/2011 21:30							Bob and Fabian at Location With Stand By Truck.
Other	04/04/2011 00:00							Casing Going In Hole

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	04/04/2011 05:30							Rigg Circulating Casing
Pre-Job Safety Meeting	04/04/2011 06:00							Went Over Job Steps With all Discussed Valumes and Pressuers and Rates On How Fast To Pump With Customer Rep Had All Sing Saftey Sheet.
Start Job	04/04/2011 06:40							Ready for Halliburton
Test Lines	04/04/2011 06:41						4000.0	Tested @ 4000 PSI. Heald Good Released PSI On Truck.
Pump Spacer 1	04/04/2011 06:46		5	20	20		100.0	Pump 20 BBLS H2O Fresh Water
Pump Spacer 2	04/04/2011 06:49		6	20	40		680.0	Pumped 20 BBLS Super Flush
Pump Spacer 1	04/04/2011 06:53		6	20	60		650.0	Pumped 20 BBLS H2O Fresh Water
Pump Lead Cement	04/04/2011 06:57		6	46	106		675.0	Pumped 90 SKS @ 11.4 PPG // = 46 BBLS CMT // = 90 X 2.89 = 260 CU/FT
Pump Tail Cement	04/04/2011 07:04		6	52	158		350.0	Pumped 150 SKS @ 12.7 PPG// = 52 BBLS CMT // = 150 X 1.94 = 291 CU/FT
Shutdown	04/04/2011 07:12							
Drop Top Plug	04/04/2011 07:12							HWE
Pump Displacement	04/04/2011 07:20		6	144	302		200.0	Pumped 144 BBLS 2% KCL Water Disp
Displ Reached Cmnt	04/04/2011 07:37		6	100			305.0	Displasment Reach Cemt @ 100 bbls Diaplacment Pumped at 6 bpm
Slow Rate	04/04/2011 07:43		2	134	302		650.0	
Bump Plug	04/04/2011 07:49		2	144	302		780.0	Bumped Plug @ 780 PSI Took to 1300 PSI 144 bbls Disp
Check Floats	04/04/2011 07:55							Floats held 1bbl Back
End Job	04/04/2011 08:00							

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Rig Down Safety Meeting	04/04/2011 08:05							Discuss Pinchpoint and Tripping Hazards
Rig-Down Completed	04/04/2011 09:10							
Other	04/04/2011 09:15							THANK YOU FOR CHOOSING HALLIBURTON
Crew Leave Location	04/04/2011 09:45							

Sold To #: 300496

Ship To #: 2845475

Quote #:

Sales Order #:

8081353

SUMMIT Version: 7.20.130

Monday, April 04, 2011 09:36:00

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2845475	Quote #:	Sales Order #: 8064202
Customer: APACHE CORP		Customer Rep: Stanley, Josh	
Well Name: Hager	Well #: 1-12	API/UWI #:	
Field:	City (SAP): PLAINS	County/Parish: Meade	State: Kansas
Legal Description: Section 13 Township 34S Range 27W			
Contractor: Duke	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 J	6	442123	GOMEZ, OSCAR	3	490448	LOPEZ, CARLOS	3	321975
MCJILTON, LONDON Kyle	6	489077	SMITH, BOBBY Wayne	6	106036			

**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
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

**Job**

**Job Times**

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD) From	To	Called Out	Date	Time	Time Zone
			BHST	1630. ft	Wk Ht Above Floor			28 - Mar - 2011	08:30		CST
			75 degF	Job Depth TVD	2. ft			28 - Mar - 2011	11:30		CST
				1636.4 ft				28 - Mar - 2011	14:24		CST
								28 - Mar - 2011	15:42		CST
								28 - Mar - 2011	17:30		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		
VLVASSY,INSR FLOAT,8-5/8 8RD, 24 LBS/FT	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	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		



# Cementing Job Summary

### 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	Conc	%

### 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		0	bbbl	8.3	.0	.0	.0	
2	Lead Cement	MIDCON-2 CEMENT STANDARD - SBM (15078)	450	sacks	11.4	2.95	18.09		18.09
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	0.01 %	WG-17, 50 LB SK (100003623)							
	18.09 Gal	FRESH WATER							
3	Tail Cement	CMT - STANDARD CEMENT (100003684)	205	sacks	15.6	1.2	5.18		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							
4	Fresh Water Displacement		101.4	bbbl	9.	.0	.0	.0	

### Calculated Values

### Pressures

### Volumes

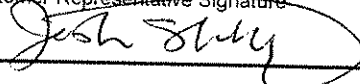
Displacement	Shut In: Instant	Lost Returns	Cement Slurry	Pad
Top Of Cement	5 Min	Cement Returns	Actual Displacement	Treatment
Frac Gradient	15 Min	Spacers	Load and Breakdown	Total Job

### 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

The Information Stated Herein Is Correct

Customer Representative Signature



**Cementing Job Log**

*The Road to Excellence Starts with Safety*

Sold To #: 300496	Ship To #: 2845475	Quote #:	Sales Order #: 8064202
Customer: APACHE CORP		Customer Rep: Stanley, Josh	
Well Name: Hager	Well #: 1-12	API/UWI #:	
Field:	City (SAP): PLAINS	County/Parish: Meade	State: Kansas
Legal Description: Section 13 Township 34S Range 27W			
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	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	03/28/2011 08:30							
Depart Location Safety Meeting	03/28/2011 10:30							
Arrive At Loc	03/28/2011 11:30							
Assessment Of Location Safety Meeting	03/28/2011 11:30							casing on bottom rig is circulating. Waiting on the bulk trucks.
Pre-Rig Up Safety Meeting	03/28/2011 11:35							
Rig-Up Completed	03/28/2011 12:00							
Other	03/28/2011 13:50							Bulk trucks on location.
Other	03/28/2011 13:55							safety meeting with bulk trucks and rigged them up.
Safety Meeting - Pre Job	03/28/2011 14:15							
Start Job	03/28/2011 14:24							we used the water in the frac tank.
Test Lines	03/28/2011 14:24						3000.0	
Pump Lead Cement	03/28/2011 14:28		6	236.4			100.0	450 sx = 1327.5 ft3 = top of cement surface
Pump Tail Cement	03/28/2011 15:07		6	43.81			100.0	205 sx = 246 ft3. top of cement 1077.26 ft
Drop Top Plug	03/28/2011 15:15							
Pump Displacement	03/28/2011 15:17		6	0			100.0	water
Bump Plug	03/28/2011 15:40		2	101.3		500.0	2000.0	
Check Floats	03/28/2011 15:41							float held.

Sold To #: 300496

Ship To #: 2845475

Quote #:

Sales Order #:

8064202

SUMMIT Version: 7.20.130

Monday, March 28, 2011 04:19:00

*Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	03/28/2011 15:42							100 bbls of cement back to surface.
Safety Meeting - Pre Rig-Down	03/28/2011 15:45							
Rig-Down Completed	03/28/2011 17:00							
Safety Meeting - Departing Location	03/28/2011 17:15							
Depart Location for Service Center or Other Site	03/28/2011 17:30							Thank you for calling Halliburton. Bob and crew.

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

October 26, 2011

Amanda Pickney  
Apache Corporation  
2000 POST OAK BLVD, STE 100  
HOUSTON, TX 77056

Re: ACO1  
API 15-119-21263-00-00  
HAGER 1-12  
SW/4 Sec.12-34S-28W  
Meade 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,  
Amanda Pickney

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
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HOUSTON, TX 77056

Re: ACO-1  
API 15-119-21263-00-00  
HAGER 1-12  
SW/4 Sec.12-34S-28W  
Meade County, Kansas

Dear Amanda Pickney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 03/27/2011 and the ACO-1 was received on October 26, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department