

ORIGINAL

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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM

JUN 28 2010

WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

OPERATOR: License # 34269  
Name: APACHE CORPORATION  
Address 1: 6120 S. YALE  
Address 2: SUITE 1500  
City: TULSA State: OK Zip: 74136 +  
Contact Person: RHONDA PRILL  
Phone: (918) 491.4983  
CONTRACTOR: License # 34000  
Name: KENAI MID-CONTINENT  
Wellsite Geologist:  
Purchaser: OIL - NCRA GAS - DCP

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 #:

3-6-10 3-20-10 5-3-10  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date per oper - KCC-Dig Recompletion Date

API No. 15 - 119-21253-0090  
Spot Description:  
SW-SW Sec. 21 Twp. 34 S. R. 27  East  West  
660 Feet from  North /  South Line of Section  
600 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: MEADE  
Lease Name: BARBY Well #: 2-21  
Field Name: WILDCAT  
Producing Formation: CHEROKEE  
Elevation: Ground: 2226 Kelly Bushing: 2238  
Total Depth: 5950 Plug Back Total Depth: 5884  
Amount of Surface Pipe Set and Cemented at: 1450 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: Feet  
If Alternate II completion, cement circulated from: N/A  
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 4000 ppm Fluid volume: 80 bbls  
Dewatering method used: hauled off  
Location of fluid disposal if hauled offsite:  
Operator Name: General Inc.  
Lease Name: Big Dog License No.: 23084  
Quarter: NW Sec. 28 Twp. 25N R. 25W  East  West  
County: Beaver, OK Docket No.: 358148

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Rhonda Prill 918 491-4983  
Title: ENGINEERING TECH Date: 6/28/2010

KCC Office Use ONLY

Letter of Confidentiality Received Date: 6-24-10  
 Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: [Signature] Date: 6-30-10

Side Two

Operator Name: APACHE CORPORATION Lease Name: BARBY Well #: 2-21  
 Sec. 21 Twp. 34 S. R. 27  East  West County: MEADE

**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 checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>DENSITY, INDUCTION, MICRO RESISTIVITY</b>	<input checked="" 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>4366</td> <td>-2140</td> </tr> <tr> <td>LANSING/KANSAS CITY</td> <td>4510</td> <td>-2284</td> </tr> <tr> <td>MARMATON</td> <td>5190</td> <td>-2964</td> </tr> <tr> <td>CHEROKEE</td> <td>5606</td> <td>-3380</td> </tr> </table>	Name	Top	Datum	BASE HEEBNER	4366	-2140	LANSING/KANSAS CITY	4510	-2284	MARMATON	5190	-2964	CHEROKEE	5606	-3380
Name	Top	Datum														
BASE HEEBNER	4366	-2140														
LANSING/KANSAS CITY	4510	-2284														
MARMATON	5190	-2964														
CHEROKEE	5606	-3380														

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	8 5/8	24/32	1,450'	STD CL A	650	450 SX 3% CC + 200 2% CC
PRODUCTION	7.875	4 1/2	11.6	5,950'	50/50 POZ	430	330 SX 6% HALID + 100 10% SALT

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5,607' - 5,614'	FRAC 5,607' - 5,654 WITH 6,698 GAL 2%	5,607'
4	5,645' - 5,654	SLICK WTR + 12,012 GAL 20% GELLED	5,645'
		50Q N2 RETARDED ACID	

TUBING RECORD: Size: 2 3/8 Set At: 5,666' Packer At: N/A Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. 5/4/2010 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	14		0		18			

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>CHEROKEE</u>
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The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2773511	Quote #:	Sales Order #: 7252599
Customer: APACHE CORP		Customer Rep: Bone, Mr. Glenn	
Well Name: Barby		Well #: 2-21	API/UWI #:
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 21 Township 34S Range 27W			<b>KCC</b>
Contractor: .KENAI		Rig/Platform Name/Num: 58	
Job Purpose: Cement Production Casing			JUN 24 2010
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: MEREDITH, JERRY		Srvc Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855

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### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNETT, JAMES Ray	9.5	226567	DEETZ, DONALD E	9.5	389855	LOPEZ, JUAN	9.5	136795
TORRES, CLEMENTE	9.5	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	10866807	45 mile
10994449	45 mile	10998524	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
3-19-10	1.5	1	3-20-10	8	2			
<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	135 degF	19 - Mar - 2010	19:00	CST
Job depth MD	5950. ft		Job Depth TVD	5950. ft	19 - Mar - 2010	22:30	CST
Water Depth			Wk Ht Above Floor	3. ft	20 - Mar - 2010	04:59	CST
Perforation Depth (MD)	From	To		Job Completed	20 - Mar - 2010	06:06	CST
				Departed Loc	20 - Mar - 2010	08:00	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.	5950.		
4-1/2" Production Casing	New		4.5	4.	11.6	BUTTRESS	N-80		5950.		
8-5/8" Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	J-55		1600.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	4.5	1	w	5950	Packer					Top Plug	4.5	1	h
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar	4.5	1	w	5910	Retainer					SSR plug set			
Insert Float										Plug Container	4.5	1	h
Stage Tool										Centralizers			

### Miscellaneous Materials

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

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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	Fresh Water		10.00	bbl	8.33	.0	.0	8.0	
2	Superflush		10.00	bbl	9.5	.0	.0	8.0	
		68 lbm/bbl HALLIBURTON SUPER FLUSH (100003639)							
3	Fresh Water		5.00	bbl	8.33	.0	.0	8.0	
4	HALLIBURTON LIGHT PREMIUM	HALLIBURTON LIGHT PREMIUM - SBM (12311)	330.0	sacks	12.7	1.84	9.88	8.0	9.88
		0.6 % HALAD(R)-322, 50 LB (100003646)							
		0.25 lbm POLY-E-FLAKE (101216940)							
		9.877 Gal FRESH WATER							
5	50/50 POZ PREMIUM	POZ PREMIUM 50/50 - SBM (12302)	100.0	sacks	14.2	1.36	5.54	7.0	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, BULK (100064022)							
		10 % SALT, 100 LB BAG (100003652)							
6	2% KCL Displacement			bbl	8.45	.0	.0	8.0	
		167 lbm/Mgal POTASSIUM CHLORIDE - KCL, 50 LB BAG (100001585)							
		1 gal/Mgal CLA-STA(R) XP (100003733)							
		1 gal/Mgal LOSURF-300, 53 GAL DRUM (100003651)							

Calculated Values		Pressures		Volumes					
Displacement	92	Shut In: Instant		Lost Returns	0	Cement Slurry	132	Pad	
Top Of Cement	2712	5 Min		Cement Returns	0	Actual Displacement	92	Treatment	
Frac Gradient		15 Min		Spacers	25	Load and Breakdown		Total Job	249
Rates									
Circulating	5	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

*William Taylor*

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The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2773511	Quote #:	Sales Order #: 7252599
Customer: APACHE CORP		Customer Rep: Bone, Mr. Glenn	
Well Name: Barby	Well #: 2-21	API/UWI #:	
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 21 Township 34S Range 27W			
Lat:		Long:	
Contractor: .KENAI	Rig/Platform Name/Num: 58		
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: MEREDITH, JERRY	Srvc Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	03/19/2010 19:00							called out early do to weather snoe coming in
Depart Yard Safety Meeting	03/19/2010 20:15							discuse routs and stops
Arrive At Loc	03/19/2010 22:30							rig just started running casing
Assessment Of Location Safety Meeting	03/19/2010 22:35							walk around location pouint out any hazards
Pre-Rig Up Safety Meeting	03/19/2010 22:40							watch for pinch points,hammering and walking hazards
Rig-Up Completed	03/19/2010 23:40							
Other	03/20/2010 01:30							put on head circulated with rig dont have any butress swedges available
Other	03/20/2010 02:00							started running casing again
Casing on Bottom	03/20/2010 04:14							put on head reloaded plug started mixing suoer flush circulated with rig
Pre-Job Safety Meeting	03/20/2010 04:30							with all personal on location
Pressure Test	03/20/2010 04:50							3000 psi
Start Job	03/20/2010 04:59							
Pump Spacer 1	03/20/2010 05:01		6	10			450.0	fresh water
Pump Spacer 1	03/20/2010 05:03		6	10	20		450.0	super flush
Pump Spacer 1	03/20/2010 05:05		6	5	25		450.0	fresh water

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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	03/20/2010 05:06		6	108	133		450.0	330 sks @ 12.7
Pump Tail Cement	03/20/2010 05:23		6	24	157		200.0	100 sks @ 14.2
Drop Plug	03/20/2010 05:41							top plug only
Pump Displacement	03/20/2010 05:42		6	92	249		450.0	kcl water additives potasium chloride cla- stay & losurf
Bump Plug	03/20/2010 06:04							bumped plug @ 950 took to 1600
Check Floats	03/20/2010 06:06							ok
End Job	03/20/2010 06:07							
Pre-Rig Down Safety Meeting	03/20/2010 06:10							all hes employees present
Rig-Down Equipment	03/20/2010 06:15							
Depart Location Safety Meeting	03/20/2010 07:30							all hse employees present
Depart Location for Service Center or Other Site	03/20/2010 08:00							thanks for calling halliburton eric & crew
Clean Lines	03/20/2010 23:02							to pit

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JUN 28 2010  
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Sold To #: 300496

Ship To #: 2773511

Quote #:

Sales Order #:

7252599

SUMMIT Version: 7.20.130

Saturday, March 20, 2010 06:15:00

HALLIBURTON

KCC  
JUN 24 2010  
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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 2773511	Quote #:	Sales Order #: 7235671
Customer: APACHE CORP		Customer Rep: Bone, Mr. Glenn	
Well Name: Barby	Well #: 2-21	API/UWI #:	
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 21 Township 34S Range 27W			
Contractor: .KENAI	Rig/Platform Name/Num: 58		
Job Purpose: Cement Surface Casing			RECEIVED
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: MEREDITH, JERRY	Srv Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036	

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Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	9	371263	MATA, ADOLFO V	9	419999	SLATER, JOE P	9	106095
SMITH, BOBBY Wayne	9	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	10998524	45 mile	11133702	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	Called Out	Date	Time	Time Zone
				On Location	12 - Mar - 2010	23:00	CST
Form Type			BHST	On Location	13 - Mar - 2010	01:30	CST
Job depth MD	1600. ft		Job Depth TVD	Job Started	13 - Mar - 2010	06:00	CST
Water Depth			Wk Ht Above Floor	Job Completed	13 - Mar - 2010	07:00	CST
Perforation Depth (MD)	From	To		Departed Loc	13 - Mar - 2010	10:30	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	J-55	.	1600.		

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

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 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			
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 <sup>3</sup> /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 PELLETT (100005053)								
	0.5 lbm	POLY-E-FLAKE (101216940)								
	0.01 %	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 PELLETT (100005053)								
	0.5 lbm	POLY-E-FLAKE (101216940)								
	5.177 Gal	FRESH WATER								
3	Displacement		91.00	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		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						

*Willie Taylor*

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Sold To #: 300496	Ship To #: 2773511	Quote #:	Sales Order #: 7235671
Customer: APACHE CORP		Customer Rep: Bone, Mr. Glenn	
Well Name: Barby	Well #: 2-21	API/UWI #:	
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Section 21 Township 34S Range 27W			
Lat:		Long:	
Contractor: .KENAI		Rig/Platform Name/Num: 58	
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	03/12/2010 23:00							
Depart Location Safety Meeting	03/13/2010 00:00							
Arrive At Loc	03/13/2010 01:30							
Assessment Of Location Safety Meeting	03/13/2010 01:30							casing crew rigging up
Pre-Rig Up Safety Meeting	03/13/2010 01:30							
Other	03/13/2010 02:00							casing going in the hole
Rig-Up Completed	03/13/2010 02:00							
Other	03/13/2010 05:00							casing on bottom
Safety Meeting - Pre Job	03/13/2010 05:30							
Start Job	03/13/2010 05:39							
Test Lines	03/13/2010 05:39						4000.0	
Pump Lead Cement	03/13/2010 05:44			236.43			260.0	450 sx = 1327.5 ft3 = top of cement surface mud returns
Other	03/13/2010 05:45							
Pump Tail Cement	03/13/2010 06:16			42.74			200.0	200 sx = 240 ft3. top of cement 919.86 ft
Drop Top Plug	03/13/2010 06:23							
Pump Displacement	03/13/2010 06:26			90.37	0			water
Bump Plug	03/13/2010 06:42				90.37	400.0	1000.0	
Check Floats	03/13/2010 06:43							float held.

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Sold To #: 300496

Ship To #: 2773511

Quote #:

Sales Order #:

7235671

SUMMIT Version: 7.20.130

Saturday, March 13, 2010 07:18:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	03/13/2010 06:44							75 bbls of cement back to surface.
Safety Meeting - Pre Rig-Down	03/13/2010 06:45							
Rig-Down Completed	03/13/2010 10:00							
Safety Meeting - Departing Location	03/13/2010 10:15							
Depart Location for Service Center or Other Site	03/13/2010 10:30							Thank you for calling Halliburton. Bob and crew.

KCC  
JUN 24 2010  
CONFIDENTIAL

RECEIVED  
JUN 28 2010  
KCC WICHITA

Sold To #: 300496

Ship To #: 2773511

Quote #:

Sales Order #:

7235671

SUMMIT Version: 7.20.130

Saturday, March 13, 2010 07:18:00