



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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2967191	Quote #:	Sales Order #: 900045952
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Vigil, John	
Well Name: Smith Trust	Well #: 22-2	API/UWI #:	
Field: ARROYO	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Contractor: Murfin		Rig/Platform Name/Num: 21	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: KRANZ, ZACHARY		Srvc Supervisor: WOODROW, JOHN	MBU ID Emp #: 105848

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GARCIA, ADAM Joe	7	531492	JOHNSON, MATTHEW Warren	17	525955	SMITH, THOMAS Miles	17	493032
WOODROW, JOHN Phillip	17	105848						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11706677	85 mile	11844150	85 mile	11923804	85 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/3/12	3		12/4/12	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
Form Type		BHST	On Location	03 - Dec - 2012	14:30	CST
Job depth MD	1670. ft	Job Depth TVD	Job Started	03 - Dec - 2012	21:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	04 - Dec - 2012	02:00	CST
Perforation Depth (MD) From		To	Job Completed	04 - Dec - 2012	03:30	CST
			Departed Loc	04 - Dec - 2012	05:00	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
12 1/4" Surface Hole				12.25				.	1650.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1650.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, GID, 8-5/8 8RD	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	7	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	1	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
KIT, HALL WELD-A	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		

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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Pre-Flush				10.00	bbl	8.33	.0	.0	6.0		
2	Lead Slurry	VARICEM (TM) CEMENT (452009)			550.0	sacks	11.4	2.93	17.98	6.0	17.98	
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)										
	0.1 %	WG-17, 50 LB SK (100003623)										
	0.5 lbm	POLY-E-FLAKE (101216940)										
	17.979 Gal	FRESH WATER										
3	Tail Slurry	HALCEM (TM) SYSTEM (452986)			200.0	sacks	15.6	1.2	5.22	6.0	5.22	
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
	5.218 Gal	FRESH WATER										
4	Displacement				104.00	bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes						
Displacement	104	Shut In: Instant			Lost Returns		0	Cement Slurry		326	Pad	
Top Of Cement	GL	5 Min			Cement Returns		104	Actual Displacement		104	Treatment	
Frac Gradient		15 Min			Spacers		10	Load and Breakdown		Total Job		
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								

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2967191	Quote #:	Sales Order #: 900061827
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Bingel, Tom	
Well Name: Smith Trust		Well #: 22-2	API/UWI #: 15-187-21217
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description: Section 22 Township 29S Range 41W			
Contractor: Murfin		Rig/Platform Name/Num: 21	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: KRANZ, ZACHARY		Srvc Supervisor: VILLARREAL, ARTURO	MBU ID Emp #: 106127

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DALRYMPLE, BRIAN Kieth	5	456242	TORRES, CLEMENTE	5	344233	VILLARREAL, ARTURO	5	106127

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10741245	85 mile	10825440	85 mile	10924982	85 mile	11005800	85 mile
11706673	85 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12-8-12	5	1.5						
TOTAL	<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	5900. ft	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST			135 degF					08 - Dec - 2012	01:30	CST	
												08 - Dec - 2012	06:00	CST	
												08 - Dec - 2012	00:00	CST	
												08 - Dec - 2012	02:00	GMT	
												08 - Dec - 2012	00:00	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 Hole				7.875				1650.	5900.		
5 1/2" Production Casing	Unknown		5.5	4.95	15.5	8 RD (ST&C)	J-55	.	5900.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1650.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,5-1/2 8RD	1	EA		
CENTRALIZER ASSY - TURBO - API -	20	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
KIT,HALL WELD-A	1	EA		
PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG	1	EA		
BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN	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			

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2967191	Quote #:	Sales Order #: 900045952
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Vigil, John	
Well Name: Smith Trust		Well #: 22-2	API/UWI #:
Field: ARROYO	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: Murfin		Rig/Platform Name/Num: 21	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: KRANZ, ZACHARY		Srvc Supervisor: WOODROW, JOHN	MBU ID Emp #: 105848

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/03/2012 14:30							Requested Time To Be On Locatio @19:00 12/3/12
Other	12/03/2012 15:00							Load Equipment / Materials For Job
Pre-Convoy Safety Meeting	12/03/2012 16:25							Discuss Route Of Travel / Traffic / Weather / Wild Life / Emergency Contact Numbers
Crew Leave Yard	12/03/2012 16:30							Notify Dispatch / Journey Management
Arrive at Location from Service Center	12/03/2012 21:00							Notify Dispatch / Journey Management /
Assessment Of Location Safety Meeting	12/03/2012 21:15							JSA / Spot P/T Rigging Up To Run Casing / Call Journey / Call For Cement / Get W/O Signed & Go Over Well Info & Cmt. With Consultant On Location
Running In Hole	12/03/2012 21:45							Start Running 8 5/8 Casing & Float Equipment
Pre-Rig Up Safety Meeting	12/03/2012 22:43							JSA / Any Forseen Hazards / Pinch Points / Eyes On Task
Rig-Up Equipment	12/03/2012 22:50							Lay Suction Hoses & Pressure Lines To Red Zone Area
Casing on Bottom	12/03/2012 23:50							Ran 1672 Ft. Of 8 5/8 24# ST&C / Rig Casing Crew Down
Rig-Down Completed	12/04/2012 00:50							Bulk Equipment On Location /. Hook Up 8 5/8 P/C & Circulating Iron

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Circulate Well	12/04/2012 00:51							
Pre-Job Safety Meeting	12/04/2012 01:45							Discuss Job Procedures / Pressures / Muster Area
Test Lines	12/04/2012 01:58						2500.0	
Pump Spacer	12/04/2012 02:05		6		10		250.0	Start Pumping 10 bbl F/W Spacer
Pump Lead Cement	12/04/2012 02:07		6		284		250.0	Start Mixing 550 sks Lead Cmt. Slurry @11.4#/gal
Shutdown	12/04/2012 03:01							Have Cement Returns To Surface
Drop Top Plug	12/04/2012 03:02							Verified Plug Left Head
Pump Displacement	12/04/2012 03:03		6				180.0	
Slow Rate	12/04/2012 03:18		2		90		430.0	Have 90 bbls. Out / Slow Rate To 2 BPM
Bump Plug	12/04/2012 03:23		2		104		450.0	Max Lift Pressure Before Landing Plug Was 450# / Pressure Up To 1000# / 500# Over PLP
Check Floats	12/04/2012 03:24							Got 1 bbl Back / Floats Holding
Job Complete	12/04/2012 03:25							Circulated 105 bbls. Cmt. To Surface
Pre-Rig Down Safety Meeting	12/04/2012 03:30							Discuss Lifting / Pinch Points / Eyes On Path
Rig-Down Equipment	12/04/2012 03:35							
Rig-Down Completed	12/04/2012 04:30							
Pump Tail Cement	12/04/2012 23:07		6		42		180.0	

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	Water Pre-Flush		5.00	bbl	8.33	.0	.0	6.0	
2	Lead Cement E923	ECONOCEM (TM) SYSTEM (452992)	25.0	sacks	10.5	4.18	25.85	6.0	25.85
	5 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	5 %	POTASSIUM CHLORIDE 7% (100001585)							
	8 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	0.5 %	HALAD(R)-23, 50 LB (101209204)							
	0.5 %	D-AIR 5000, 50 LB SACK (102068797)							
	25.854 Gal	FRESH WATER							
3	Tail Slurry E923	ECONOCEM (TM) SYSTEM (452992)		sacks	13.9	1.51	6.23	6.0	6.23
	5 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	5 %	POTASSIUM CHLORIDE 7% (100001585)							
	8 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	0.5 %	HALAD(R)-23, 50 LB (101209204)							
	0.5 %	D-AIR 5000, 50 LB SACK (102068797)							
	6.225 Gal	FRESH WATER							
4	Displacement			bbl	8.33	.0	.0	6.0	
	0.8 gal/Mgal	CLA-WEB - TOTE (101985045)							

Calculated Values

Pressures

Volumes

Displacement	133	Shut In: Instant		Lost Returns	NO	Cement Slurry	99	Pad	
Top Of Cement		5 Min		Cement Returns	NA	Actual Displacement	133	Treatment	
Frac Gradient		15 Min		Spacers	5	Load and Breakdown		Total Job	

Rates

Circulating		Mixing	5	Displacement	5	Avg. Job	5
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

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2967191	Quote #:	Sales Order #: 900061827
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Bingel, Tom	
Well Name: Smith Trust		Well #: 22-2	API/UWI #: 15-187-21217
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description: Section 22 Township 29S Range 41W			
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: Murfin		Rig/Platform Name/Num: 21	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: KRANZ, ZACHARY		Srvc Supervisor: VILLARREAL, ARTURO	MBU ID Emp #: 106127

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/08/2012 13:30							GOT CALL OUT AT 1:30 TO BE ON LOCATION AT 6:00 , WAS ALLREADY AT YARD LOAD AS FAST AS POSABLE GOT TO LOCATION AT 6 :00 , GO OVER ROUT BE FOR LEAVEING YARD
Arrive at Location from Service Center	12/08/2012 18:00							TEST WATER CASING ON BOTTOM ,, RIG UP AS MUSH AS POSABLE
Safety Huddle	12/08/2012 19:30							TP=5639 , TD=5660 , SHOE 46 15.5 # 7 INCH TO 1670 MUD 9.0 #
Test Lines	12/08/2012 19:57						3500.0	
Pump Spacer 1	12/08/2012 20:03		2	5			350.0	FRESH WATER
Pump Lead Cement	12/08/2012 20:07		4	18.5			450.0	25 SKS @ 10.5 #
Pump Tail Cement	12/08/2012 20:11		5	80			337.0	300 SKS @ 13.9 #
Clean Lines	12/08/2012 20:36							CLEAN PUMPS & LINES
Drop Top Plug	12/08/2012 20:42							STUFF PLUG PAST PIN
Pump Displacement	12/08/2012 20:43		6.5	70			288.0	COUGHT CMT ,, DISP WITH CLAY WEB
Pump Displacement	12/08/2012 20:47		5	100			815.0	
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

HALLIBURTON

Cementing Job Log

		#	Stage	Total	Tubing	Casing	
Pump Displacement	12/08/2012 21:00		3	120		950.0	
Pump Displacement	12/08/2012 21:07		3	133		1000. 0	TO - 2500 PSI HAD RETURNS THOUGH OUT JOB
Check Floats	12/08/2012 21:10						FLOATS HELD GOT 1.5 BBLs BACK
Safety Huddle	12/08/2012 21:30						USE SPOTTERS
Rig-Down Equipment	12/08/2012 21:50						LOOK OVER FOR HAZARDS PINCH POINTS TRIPPING HAZARDS
Depart Location Safety Meeting	12/08/2012 23:30						THANKS FOR USING HALLIBURTON

Sold To #: 300466

Ship To #: 2967191

Quote #:

Sales Order #: 900061827

SUMMIT Version: 7.3.0045

Friday, January 11, 2013 02:26:00