



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: _____



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

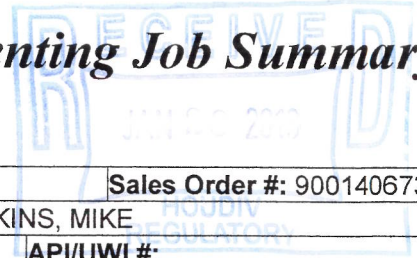
TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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The Road to Excellence Starts with Safety



Sold To #: 300466	Ship To #: 2974688	Quote #:	Sales Order #: 900140673
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: WATKINS, MIKE	
Well Name: Pro Farms 27	Well #: 3	API/UWI #:	
Field:	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: AGUILERA, FABIAN	MBU ID Emp #: 442123

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	20	442123	HEIDT, JAMES Nicholas	20	517102	JOHNSON, MATTHEW Warren	17	525955
REYES GANDARA, JUAN Armando	17	440529	SPIKES, TANNER Allen	17	534706			

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
1/18/2013	16	1	1/19/2013	4	1.5			
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	18 - Jan - 2013	03:00	CST
Job depth MD	485.6 ft	Job Depth TVD	Job Started	18 - Jan - 2013	08:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	12 - Jan - 2013	22:53	CST
Perforation Depth (MD) From		To	Job Completed	18 - Jan - 2013	01:18	CST
Perforation Depth (MD) From		To	Departed Loc	18 - Jan - 2013	03:30	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
17 1/2" Surface Hole				17.5				.	1200.		
13 3/8" Surface Casing	Unknown		13.375	12.615	54.5	BUTRESS	J-55	.	1200.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 13 3/8, HWE, 11.79 MIN/12.72	1	EA		
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	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		
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 ³ /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	2.95	18.09	6.0	18.09	
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.1 %	WG-17, 50 LB SK (100003623)								
	0.5 lbm	POLY-E-FLAKE (101216940)								
	18.09 Gal	FRESH WATER								
3	Tail Slurry	HALCEM (TM) SYSTEM (452986)	400.0	sacks	15.6	1.19	5.2	6.0	5.2	
	1 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	5.201 Gal	FRESH WATER								
4	Displacement		151.00	bbl	8.33	.0	.0	.0		

Calculated Values

Pressures

Volumes

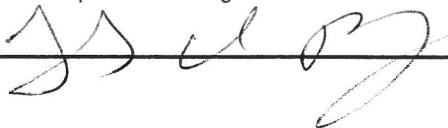
Displacement	68 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	374 BBL	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	200 BBL	Actual Displacement	68 BBL	Treatment	
Frac Gradient		15 Min		Spacers	5 BBL	Load and Breakdown		Total Job	

Rates

Circulating	3	Mixing	3	Displacement	3	Avg. Job	3
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 #: 2974688	Quote #:	Sales Order #: 900140673
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: WATKINS, MIKE	
Well Name: Pro Farms 27	Well #: 3	API/UWI #:	
Field:	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: AGUILERA, FABIAN	MBU ID Emp #: 442123

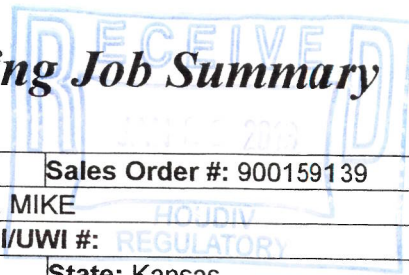
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/18/2013 03:00							CREW CALLED OUT FOR ANADARKO PETROLEUM, PRO FARMS 27-#3, 13 3/8 MULTI-STAGE SURFACE
Pre-Convoy Safety Meeting	01/18/2013 05:30							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Yard	01/18/2013 06:00							CALL IN JOURNEY MANAGEMENT, IN ROUTE TO ANADARKO PETROLEUM, PRO FARMS 27-#3
Arrive At Loc	01/18/2013 08:00							ARRIVE AT LOCATION
Assessment Of Location Safety Meeting	01/18/2013 08:10							ASSESSED THE LOCATION, SPOT IN EQUIPMENT, WATER TESTED GOOD, GOT WITH CM AND WENT OVER JOB DEPTH AND NUMBERS, AT THIS TIME CASING CREW RIGGING UP TO RUN CASING DOWNHOLE
Pre-Rig Up Safety Meeting	01/18/2013 08:15							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Up Equipment	01/18/2013 08:30							RIG UP IRON AND WATER HOSES
Rig-Up Completed	01/18/2013 09:30							RIG UP WENT WELL AND SAFELY

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	01/18/2013 09:45							AT THIS TIME CASING CREW DONE RUNNING CASING DOWNHOLE, CM REQUESTED TO CIRCULATE LONG ENOUGH FOR CASING CREW TO RIG DOWN BEFORE PUMP JOB
Other	01/18/2013 14:00							AT THIS TIME CASING CREW IS RUNNING INTO A TIGHT SPOT DOWNHOLE WITH CASING, CIRCULATING AND RUNNING CASING UP AND DOWN TO GET CASING DOWNHOLE.
Other	01/18/2013 16:00							AT THIS TIME CASING CREW RUNS INTO ANOTHER HARD SPOT DOWNHOLE, SO GOING TO CIRCULATE AND RUN CASING UP AND DOWNHOLE TO GET PASS ROUGH SPOT..
Other	01/18/2013 18:00							AT THIS TIME CASING CREW BROKE THROUGH ROUGH SPOT DOWNHOLE, GOING TO CIRCULATE A WHILE LONGER AND PROCEED TO FNISH RUNNING CASING, STILL HAVE ABOUT 10 JOINTS OUT OF 25 TO RUN DOWNHOLE.
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Other	01/18/2013 21:30							AT THIS TIME CM INFORMED HES THAT CASING IS STUCK, SO GOING TO CEMENT WHERE IT IS, AND NOT DOING A DV TOOL JOB EITHER AND CHANGED CALCULATION FOR DISPLACEMENT AND PLP. STILL GOING TO PUMP WHOLE JOB AT 3 BPM.
Pre-Job Safety Meeting	01/18/2013 22:30							DISCUSSED ALL POTENTIAL HAZARDS WHEN PRESSURE IS PRESENT WITH HES AND RIG CREW, WENT OVER JOB SCHEDULE AND NUMBERS WITH CM, CM REQUESTED TO PUMP WHOLE JOB AT 3 BPM DUE TO ORDERS FROM HIS HIGHER UPS IN HOUSTON, TX.
Start Job	01/18/2013 22:53							
Test Lines	01/18/2013 22:54							TEST LINES TO 1000 PSI
Pump Spacer	01/18/2013 22:55		3	5			65.0	PUMP SPACER 5 BBL FW
Pump Lead Cement	01/18/2013 22:59		3	289			45.0	PUMP LEAD CEMENT = 550 SKS = 289 BBL @ 11.4#
Pump Tail Cement	01/19/2013 00:23		3	85			100.0	PUMP TAIL CEMENT = 400 SKS = 85 BBL @ 15.6#
Clean Lines	01/19/2013 00:50							STOP CLEAN LINES AND TUB
Drop Top Plug	01/19/2013 00:51							DROP 3RD PARTY TOP DART PLUG (WEATHERFORD)
Pump Displacement	01/19/2013 00:52		3	68			100.0	PUMP DISPLACEMENT OF 68 BBL (FW)
Displ Reached Cmnt	01/19/2013 01:04		3		40		135.0	DISPLACEMENT REACH CEMENT AT 40 BBL AT 135 PSI
Slow Rate	01/19/2013 01:09		2		58		160.0	SLOW RATE TO 2 BPM TO BUMP PLUG AT 58 BBL GONE
Bump Plug	01/19/2013 01:13		2				350.0	BUMP PLUG AT 350 PSI

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Check Floats	01/19/2013 01:15						935.0	FLOATS HELD GOOD, RELEASE PRESSURE AND GOT BACK 1 BBL, CM REQUESTED TO LEAVE HEAD ON CASING TIL IN MORNING, CM WILL CALL WHEN DONE WITH HEAD
End Job	01/19/2013 01:18							
Pre-Rig Down Safety Meeting	01/19/2013 01:20							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Down Equipment	01/19/2013 01:30							RIG DOWN IRON AND WATER HOSES
Rig-Down Completed	01/19/2013 02:30							RIG DOWN WENT WELL AND SAFELY
Pre-Convoy Safety Meeting	01/19/2013 03:00							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Location	01/19/2013 03:30							THANK YOU FOR CHOOSING HALLIBURTON, FABIAN AND CREW

The Road to Excellence Starts with Safety



Sold To #: 300466	Ship To #: 2974688	Quote #:	Sales Order #: 900159139
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: WATKINS, MIKE	
Well Name: Pro Farms 27	Well #: 3	API/UWI #: REGULATORY	
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Contractor: Murfin		Rig/Platform Name/Num: 21	
Job Purpose: Cement Multiple Stages			
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: KRANZ, ZACHARY		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 #
ARELLANO, JOSE L	2.5	480847	BORUNDA, MATTHEW Ezekiel	4.5	478867	CARRILLO, EDUARDO Carrillo	11.45	371263
CLEMENS, ANTHONY Jason	3.5	198516	LUNA, JOSE A	11.45	480456	John	3.5	

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10744298C	85 mile	10988832	85 mile	11133699	85 mile	11515195	85 mile
11515198	85 mile	11566184	85 mile	11706669	85 mile	11748309	85 mile
11748313	85 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
1/21/2012	9	3	1/22/2013	3	2.5			
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
				On Location	21 - Jan - 2013	14:00	CST
Form Type			BHST	Job Started	21 - Jan - 2013	19:08	CST
Job depth MD	1609. ft		Job Depth TVD	Job Completed	22 - Jan - 2013	00:49	CST
Water Depth			Wk Ht Above Floor	Departed Loc	22 - Jan - 2013	02:50	CST
Perforation Depth (MD)	From		To				

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" Intermediate Hole				17.5					1501.		
8 5/8" Intermediate Casing	Unknown		8.625	8.097	24.	LTC	J-55		1200.		

Tools and Accessories

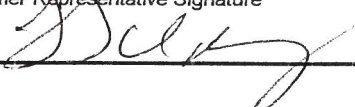
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	8 5/8	1	W
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	8 5/8	1	W
Stage Tool										Centralizers			

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		10.00	bbl	8.33	.0	.0	6.0	
2	First Stage Lead	VARICEM (TM) CEMENT (452009)		sacks	11.4	2.95	18.09	6.0	18.09
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	18.09 Gal	FRESH WATER							
3	First Stage Tail	HALCEM (TM) SYSTEM (452986)		sacks	15.6	1.18	5.18	6.0	5.18
	0.25 lbm	POLY-E-FLAKE (101216940)							
	5.184 Gal	FRESH WATER							
4	FW/WBM Displacement			bbl	8.33	.0	.0	.0	
5	Second Stage Lead	MIDCON-2 CEMENT STANDARD - SBM (15078)		sacks	11.4	2.95	18.09		18.09
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	18.09 Gal	FRESH WATER							
6	Second Stage Tail	CMT - STANDARD CEMENT (100003684)		sacks	15.6	1.2	5.22		5.22
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	5.218 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	70	Shut In: Instant		Lost Returns	0	Cement Slurry	227	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	30	Actual Displacement	70	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	327
Rates									
Circulating	5	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

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Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: WATKINS, MIKE	
Well Name: Pro Farms 27	Well #: 3	API/UWI #:	
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: Murfin		Rig/Platform Name/Num: 21	
Job Purpose: Cement Multiple Stages			Ticket Amount:
Well Type: Development Well		Job Type: Cement Multiple Stages	
Sales Person: KRANZ, ZACHARY		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	01/21/2013 09:00							Dispach Calle Cement Crew Out For Anadarko Job On Well Pro Farms 27 # 3. 8 5/8 D.V. Tool
Other	01/21/2013 10:00							Loading Equipment.
Pre-Convoy Safety Meeting	01/21/2013 11:30							Discussed All Routs To Take And Hazards On The Road. Discussed All Stops.
Arrive At Loc	01/21/2013 14:00							
Assessment Of Location Safety Meeting	01/21/2013 14:05							Rig Had Drill Pipe Out Of Hole They We're Not Circulating And They We're Working On There Mud Pumps.
Other	01/21/2013 14:10							Got Numbers From Customer Rep / D.V. Top @ 1110.47 FT / TD @ 1613 FT / TP @ 1609 FT / SJ = 42.64 FT. Disp = 101 BBLS First 30 BBLS H2O THEN 70 MUD
Pre-Rig Up Safety Meeting	01/21/2013 14:30							Discussed All Red Zones Were To Spot In Equipment And Run Lines. Have Spoter At All Times. Whent Over JSA.
Rig-Up Completed	01/21/2013 15:30							
Other	01/21/2013 15:31							Rig Runing Casing In Hole

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	01/21/2013 17:20							Casing At Bottom
Other	01/21/2013 17:25							Rig Circulating.
Other	01/21/2013 17:26							Waiting On CMT To Get To Location Waitiing On Us.
Other	01/21/2013 17:30							Casing Crew Rigging Down
Other	01/21/2013 18:30							CMT Arrive At Location First Stage 1 Bulk Truck.
Pre-Job Safety Meeting	01/21/2013 18:40							Discussed Job Step With All On Location Whent Over Numbers With Customer Rep Pumping Rates And PSI. Had Rig Hands Sign Safety Sheet. Customer Rep Said To Pump At 5 BPM
Start Job	01/21/2013 19:08							
Test Lines	01/21/2013 19:10						3000.0	Test Lines @ 3000 PSI. Heal For 1 Min.
Pump Spacer 1	01/21/2013 19:14		2	10	10		50.0	Pumped 10 BBLs H2O
Pump Lead Cement	01/21/2013 19:20		5	10.5	20.5		150.0	Pumped 20 SKS CMT @ 11.4 PPG / 20 SKS = 10.5 BBLs CMT / 20 X 2.95 = 74 CU/FT CMT Lead First Stage.
Pump Tail Cement	01/21/2013 19:22		5	47	67.5		170.0	Pumped 225 SKS CMT @ 15.6 / 225 SKS = 47 BBLs / 225 X 1.18 = 266 CU/FT TAIL CMT
Shutdown	01/21/2013 19:33							
Drop Plug	01/21/2013 19:34							Drop Shut Off Plug First Plug On First Stage WeatherFords Plug
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Displacement	01/21/2013 19:37		5	103	170.5		100.0	Pumped 103 BBLS Total Displacement Pumped 30 BBLS H2O First Then Pumped 73 BBLS MUD. Pumped 2 BBLS Over Per Tool Man And Customer Rep. Bumped @ 203 BBLS Total
Other	01/21/2013 19:51		2	103	170.5		100.0	Slow Down @ 65 BBL Into Disp So Plug Would Go By Tool Whitout Opening It. Weatherford D.V. Tool. Per Tool Man. @ 2 BPM.
Other	01/21/2013 19:53		5	103	170.5		150.0	Plug Gone By Tool Picked Rate Back Up To 5 BPM @ 75 BBLS Into Displacement. @ 250 PSI.
Slow Rate	01/21/2013 19:59		2	103	170.5		175.0	Slowed Down Last 10 BBLS @ 2 BPM @ 150 PSI
Bump Plug	01/21/2013 20:06		2	103	170.5		200.0	Bumped @ 200 PSI Took To 1700 PSI Per Tool Man. Set Packer Let Pressure Come Down To 1400 PSI Took It Up To 1750 PSI Let Come Down To 1500 Took Up To 1800 PSI Per Tool Man Then Back Down To 1600 PSI And Back Up To 1900 PSI Per Tool Man.
Check Floats	01/21/2013 20:14							Got 1 BBLS Back Float Heald
Drop Opening Device For Multiple Stage Cementer	01/21/2013 20:15							Drop Opening Plug For D.V. Tool. Wait 15 MIN
Other	01/21/2013 20:30		2	6	176.5		480.0	Open Tool With 480 PSI We Pump The Mud We Had On The Truck Circulated Good @ 2 1/2 BPM.
End Job	01/21/2013 20:34							End First Stage
Other	01/21/2013 20:35							Rig Circulating For 3 HRS. Per Customer Rep.
Other	01/21/2013 20:35							Waiting On 2ND Stage CMT To Arrive At Location 2 Bulk Trucks.

Sold To # : 300466

Ship To # : 2974688

Quote # :

Sales Order # : 900159139

SUMMIT Version: 7.3.0073

Tuesday, January 22, 2013 01:43:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	01/21/2013 21:45							Second Stage CMT Arrived At Location 2 Bulk Trucks.
Start Job	01/21/2013 23:37							Start 2 ND Stage
Pump Lead Cement	01/21/2013 23:38		5	137	313.5		130.0	Pumped 260 SKS CMT @ 11.4 PPG / 260 = 137 BBLs CMT / 260 X 2.95 = 767 CU/FT Lead CMT
Pump Tail Cement	01/22/2013 00:06		5	90	403.5		150.0	Pumped 420 SKS CMT @ 15.6 PPG / 420 = 90 BBLs CMT / 420 X 1.2 = 504 CU/FT Tail CMT
Other	01/22/2013 00:24							Shut Down
Drop Plug	01/22/2013 00:25							Dropped WeatherFord's Plug
Pump Displacement	01/22/2013 00:31		5	71	474.5		100.0	Pump 71 BBLs Fresh Water Displacement Had Good Returns The Hole Job Full Returns. @ 5 BPM @ 100 PSI. Got CMT Returns @ 40 BBLs Into Displacement @ 5 BPM @ 130 PSI. Got 30 BBLs CMT Returns To Surface.
Other	01/22/2013 00:45		4	71	474.5		300.0	Slowed Down Last 10 BBLs Displacement 4 BPM Per Tool Man. @ 61 BBLs Into Displacement.
Bump Plug	01/22/2013 00:47		4	71	474.5		400.0	Bumped Plug @ 400 Took To 1990 PSI. Per WeatherFord Tool Man.
Other	01/22/2013 00:49							Cheak Floats Got 1 BBLs Back
End Job	01/22/2013 00:49							
Pre-Rig Down Safety Meeting	01/22/2013 01:10							Discussed All Red Zones Proper Lifting Spoting Equipment Out Of Location
Rig-Down Completed	01/22/2013 02:30							
Other	01/22/2013 02:40							Thank You Ed And Crew Halliburton.

Sold To # : 300466

Ship To # : 2974688

Quote # :

Sales Order # : 900159139

SUMMIT Version: 7.3.0073

Tuesday, January 22, 2013 01:43:00

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Location	01/22/2013 02:50							Discussed All Routs And Stops Back To Yard.

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2974688	Quote #:	Sales Order #: 900175407
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: ., TOM	
Well Name: Pro Farms	Well #: 27-3	API/UWI #: 15-187-21218	
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description: Section 27 Township 29S Range 41W			
Contractor: Murfin		Rig/Platform Name/Num: Murfin 21	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: KRANZ, ZACHARY		Srvc Supervisor: AGUILERA, FABIAN	MBU ID Emp #: 442123

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ADAMS, JAMES Cody	5	535153	AGUILERA, FABIAN J	7.5	442123	HEIDT, JAMES Nicholas	7.5	517102
MENDOZA, VICTOR	7.5	442596						

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
1/28/2013	7.5	2						

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
					28 - Jan - 2013	00:00	CST
Form Type			BHST	On Location	28 - Jan - 2013	05:00	CST
Job depth MD	5630.3 ft		Job Depth TVD	Job Started	28 - Jan - 2013	08:38	CST
Water Depth			Wk Ht Above Floor	Job Completed	28 - Jan - 2013	10:14	CST
Perforation Depth (MD)	From		To	Departed Loc	28 - Jan - 2013	12:30	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
7 7/8" Production Hole				7.875				1625.	5600.		
5 1/2" Production Casing	Unknown		5.5	4.95	15.5	8 RD (ST&C)	J-55	.	5600.		
8 5/8" Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1625.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,5-1/2 8RD	1	EA		
PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG	1	EA		
BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN	1	EA		
CENTRALIZER ASSY - TURBO - API -	16	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
KIT,HALL WELD-A	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	Scavenger Slurry	POZ PREMIUM 50/50 - SBM (12302)	25.0	sacks	10.5	4.3	26.72	6.0	26.72
	5 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	5 %	POTASSIUM CHLORIDE 5% (100001585)							
	8 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	0.5 %	HALAD(R)-322, 50 LB (100003646)							
	26.715 Gal	FRESH WATER							
3	Tail Slurry	POZ PREMIUM 50/50 - SBM (12302)	305.0	sacks	13.9	1.55	6.54	6.0	6.54
	5 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	5 %	POTASSIUM CHLORIDE 5% (100001585)							
	8 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	0.5 %	HALAD(R)-322, 50 LB (100003646)							
	6.539 Gal	FRESH WATER							
4	Displacement		133.00	bbl	8.33	.0	.0	6.0	
	0.8 gal/Mgal	CLA-WEB - TOTE (101985045)							
5	Top Out Cement/RAT HOLE	CMT - STANDARD CEMENT (100003684)	100.0	sacks	15.6	1.18	5.23		5.23
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	5.225 Gal	FRESH WATER							

Calculated Values

Pressures

Volumes

Displacement	133 BBL	Shut In: Instant		Lost Returns	0	Cement Slurry	110 BBL	Pad	
Top Of Cement	615 FT.	5 Min		Cement Returns	0	Actual Displacement	133 BBL	Treatment	
Frac Gradient		15 Min		Spacers	10 BBL	Load and Breakdown		Total Job	

Rates

Circulating	5	Mixing	5	Displacement	6	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 #: 2974688	Quote #:	Sales Order #: 900175407
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: ., TOM	
Well Name: Pro Farms	Well #: 27-3	API/UWI #: 15-187-21218	
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description: Section 27 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: Murfin 21		
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: KRANZ, ZACHARY	Srvc Supervisor: AGUILERA, FABIAN	MBU ID Emp #: 442123	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/28/2013 00:00							CREW CALLED OUT FOR ANADARKO PETROLEUM CORP-EBUSINESS, PRO FARMS 27-3, 5 1/2 PRODUCTION
Pre-Convoy Safety Meeting	01/28/2013 02:30							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Yard	01/28/2013 03:00							CALL IN JOURNEY MANAGEMENT, IN ROUTE TO ANADARKO PETROLEUM, PRO FARMS 27-3
Arrive At Loc	01/28/2013 05:00							ARRIVE AT LOCATION
Assessment Of Location Safety Meeting	01/28/2013 05:15							ASSESSED THE LOCATION, SPOT IN EQUIPMENT, WATER TESTED GOOD, GOT WITH CM AND WENT OVER JOB DEPTH AND NUMBERS, AT THIS TIME CASING CREW IS RUNNING CASING DOWNHOLE
Pre-Rig Up Safety Meeting	01/28/2013 05:20							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Up Equipment	01/28/2013 05:30							RIG UP IRON AND WATER HOSES
Rig-Up Completed	01/28/2013 06:30							RIG UP WENT WELL AND SAFELY

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Job Safety Meeting	01/28/2013 08:00							DISCUSSED ALL POTENTIAL HAZARDS WHEN PRESSURE IS PRESENT WITH HES AND RIG CREW, WENT OVER JOB SCHEDULE AND NUMBERS WITH CM, AT THIS TIME THEY HAVE GOOD RETURNS
Start Job	01/28/2013 08:38							
Test Lines	01/28/2013 08:39							TEST LINES TO 3000 PSI
Pump Spacer	01/28/2013 08:41		5	10			235.0	PUMP SPACER 10 BBL FW
Pump Lead Cement	01/28/2013 08:46		5	19			180.0	PUMP LEAD CEMENT = 25 SKS = 19 BBL @ 10.5#
Pump Tail Cement	01/28/2013 08:51		5	84			130.0	PUMP TAIL CEMENT = 305 SKS = 84 BBL @ 13.9#
Clean Lines	01/28/2013 09:11							STOP CLEAN LINES AND TUB
Drop Top Plug	01/28/2013 09:17							DROP DART PLUG
Pump Displacement	01/28/2013 09:19		6	133			80.0	PUMP DISPLACEMENT OF 133 BBL
Displ Reached Cmnt	01/28/2013 09:34		6		90		235.0	DISPLACEMENT REACH CEMENT AT 90 BBL AT 235 PSI
Slow Rate	01/28/2013 09:40		2		123		775.0	SLOW RATE TO 2 BPM TO BUMP PLUG AT 123 BBL GONE
Bump Plug	01/28/2013 09:44		2		133		1050.0	BUMP PLUG AT 1050 PSI
Check Floats	01/28/2013 09:45							FLOATS HELD GOOD, RELEASE PRESSURE AND GOT BACK 1 BBL, AT THIS TIME GOING TO RIG UP TO RIGS STAND PIPE TO FILL IN MOUSE AND RAT HOLE
Pump Cement	01/28/2013 10:01		2	4			60.0	PUMP RAT HOLE CEMENT = 20 SKS = 4 BBL @ 15.6#
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

Sold To #: 300466

Ship To #: 2974688

Quote #:

Sales Order #: 900175407

Cementing Job Log

		#		Stage	Total	Tubing	Casing	
Pump Cement	01/28/2013 10:06		2	3			60.0	PUMP MOUSE HOLE CEMENT = 13 SKS = 3 BBL @ 15.6#
Clean Lines	01/28/2013 10:08							STOP/ CLEAN LINES AND TUB AND CLEAN RIG CREWS STAND PIPE
End Job	01/28/2013 10:14							
Pre-Rig Down Safety Meeting	01/28/2013 10:15							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Down Equipment	01/28/2013 10:30							RIG DOWN IRON AND WATER HOSES
Rig-Down Completed	01/28/2013 11:30							RIG DOWN WENT WELL AND SAFELY
Pre-Convoy Safety Meeting	01/28/2013 12:00							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Location	01/28/2013 12:30							THANK YOU FOR CHOOSING HALLIBURTON, FABIAN AND CREW