

Handwritten initials and date: 11/26/08

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form must be Typed

WELL COMPLETION FORM ORIGINAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4549
Name: Anadarko Petroleum Corporation
Address 1201 Lake Robbins Drive
City/State/Zip The Woodlands, TX 77380
Purchaser: Anadarko Energy Services Company
Operator Contact Person: Diana Smart
Phone (832) 636-8380
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606

API NO. 15- 129-21849-00-00
County Morton
NE SW SW Sec. 13 Twp. 35 S. R. 40 E W
1250 FSL Feet from S/N (circle one) Line of Section
1250 FWL Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name Haar A Well # 3H
Field Name Hugoton

Wellsite Geologist: _____
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

Producing Formation Chase
Elevation: Ground 3356.05 Kelley Bushing _____
Total Depth 3050' Plug Back Total Depth 2890'
Amount of Surface Pipe Set and Cemented at 525' 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 crpt}

If Workover/Reentry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date _____ Original Total Depth _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr?) Docket No. _____
08/12/2008 08/15/2008 10/26/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ATT - Dig. 11/5/09*
Chloride content 2800 mg/l/1 ppm Fluid volume 1000 bbls
Dewatering method used Allow to dry then bkfill & restore
Location of fluid disposal if hauled offsite: _____
Operator Name Anadarko Petroleum Corporation
Lease Name Rickart B 1 SWD License No. 4549
Quarter NE SW SW Sec. 36 Twp. 34 S. R. 39 E W
County Stevens Docket No. _____

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 on 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.

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: Diana Smart
Title Staff Regulatory Analyst Date 11/20/2008
Subscribed and sworn to before me this 20th day of November, 2008
Notary Public [Signature]
Date Commission Expires 12-27-2009

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2873513	Quote #:	Sales Order #: 6098908
Customer: ANADARKO PETROLEUM CORPORATION		Customer Rep: Rehg, Danny	
Well Name: Haar	Well #: A-3H	API/UWI #: 15-129-21849	
Field: HUGOTON-PANOMA COMMINGLED	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Legal Description: Section 13 Township 35S Range 40W			
Contractor: Murfin Drilling Co.		Rig/Platform Name/Num: 22	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: COBLE, RANDALL	MBU ID Emp #: 347700

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Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
COBLE, RANDALL Gene	10.0	347700	GRAVES, JEREMY L	10.0	399165	MENDOZA, VICTOR	9.5	442696
PARUZINSKI, JOHN Harrison	10.0	441380	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
10240248	60 mile	10251401C	60 mile	10825713	60 mile	10897857	60 mile
10897879	60 mile	75821	60 mile	D0582	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
08-13-08	10	4						
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
					13 - Aug - 2008	02:00	CST
Form Type		BHST		On Location	13 - Aug - 2008	05:00	CST
Job depth MD	525. ft	Job Depth TVD	525. ft	Job Started	13 - Aug - 2008	13:23	CST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	13 - Aug - 2008	14:29	CST
Perforation Depth (MD)	From	To		Departed Loc	13 - Aug - 2008	15:00	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
Surface Hole				17.5					520.		
Surface Casing	New		13.375	12.615	54.5		J-55		520.		

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, 13 3/8 8RD, CEM	1	EA		
V ASSY, INSR FLOAT, 13 3/8, 8RD	1	EA		
FILLUP ASSY - 1.500 ID - 8-5/8 &	1	EA		
CENTRALIZER-13 3/8"-CSG-17 1/2"-HINGED	4	EA		
CLAMP, LIMIT, 13 3/8, FRICTION, W/DOGS	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	13 3/8	1	HES	525'	Packer					Top Plug	13 3/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	13 3/8	1	HES	481'						Plug Container	13 3/8	1	HES
Stage Tool										Centralizers	13 3/8	4	HES

HALLIBURTON

Cementing Job Summary

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/ek		
1	Water Pre-Flush				10.00	bbl	8.33	.0	.0	5.0			
2	Lead Cement	VARICEM (TM) CEMENT (452009)			270.0	sacks	11.4	2.95	18.09	5.0	18.09		
	0.1 %	WG-17, 50 LB SK (100003623)											
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)											
	0.6 lbm	POLY-E-FLAKE (101216940)											
	18.09 Gal	FRESH WATER											
3	Tail Cement	HALCEM (TM) SYSTEM (452986)			200.0	sacks	14.8	1.34	6.32	5.0	6.32		
	0.25 lbm	POLY-E-FLAKE (101216940)											
	6.324 Gal	FRESH WATER											
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)											
4	Displacement				74.00	bbl	8.33	.0	.0	5.0			
Calculated Values		Pressures			Volumes								
Displacement	76	Shut In: Instant		Lost Returns	0	Cement Slurry	180	Pad					
Top Of Cement	SURFACE	5 Min		Cement Returns	95	Actual Displacement	76	Treatment					
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	276				
Rates													
Circulating		Mixing		Displacement		Avg. Job							
Cement Left In Pipe	Amount	44 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									

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Cementing Job Summary

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Sold To #: 300466	Ship To #: 2673513	Quote #:	Sales Order #: 6107000
Customer: ANADARKO PETROLEUM CORPORATION		Customer Rep: Rehg, Danny	
Well Name: Haar	Well #: A-3H	API/UWI #: 15-129-21849	
Field: HUGOTON-PANOMA COMMINGLED	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Legal Description: Section 13 Township 35S Range 40W			
Contractor: Murfin Drilling Co.		Rig/Platform Name/Num: 22	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FOURZAN, CARLOS Ivan	7.5	449384	LOPEZ, JUAN Rosales	9	198514	OLDS, ROYCE E	7.5	306196
WILTSHIRE, MERSHEK T	9	195811						

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

TOTAL Total is the sum of each column separately

Job				Job Times		
Formation Name	Formation Depth (MD)	Form Type	Job depth MD	Date	Time	Time Zone
	3050. ft	BHST	3050. ft	15 - Aug - 2008	20:06	CST
			Wk Ht Above Floor	15 - Aug - 2008	21:19	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
Production Hole				7.875				514.	3050.		
Production Casing	New		5.5	5.012	14.		K-55		3050.		
Surface Casing	New		13.375	12.615	54.5		J-55		514.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 5 1/2, HW, 4.38 MIN/5.09 MA	1	EA		
FLOAT-IFV, 5 1/2, 8RD, LG, 8RD & BUTRS	1	EA		
FILLUP ASSY - 1.500 ID - 9-5/8 &	1	EA		
CENTRALIZER ASSY - TURBO - API -	10	EA		
COLLAR-STOP-5 1/2"-W/DOGS	1	EA		
KIT, HALL WELD-A	1	EA		

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WICHITA, KS

Summit Version: 7.20.130

Friday, August 15, 2008 21:23:00

Summit Version: 7.20.130

Friday, August 15, 2008 21:23:00

CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

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	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 Spacer							10.0	bbl	8.33	.0	.0	6.0		
2	Lead Cement	VARICEM (TM) CEMENT (452009)						400.0	sacks	11.4	2.89	17.76	6.0	17.76	
	0.1 %	WG-17, 50 LB SK (100009823)													
	0.5 lbm	POLY-E-FLAKE (101216940)													
	17.768 Gal	FRESH WATER													
3	Tail Cement	EXTENDACEM (TM) SYSTEM (452981)						260.0	sacks	14.	1.3	5.95	6.0	5.95	
	0.4 %	HALAD(R)-322, 80 LB (100003646)													
	0.25 lbm	POLY-E-FLAKE (101216940)													
	5.953 Gal	FRESH WATER													
4	Displacement							73.402	bbl	8.33	.0	.0	6.0		
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	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									

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