

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- 129-21846-00-00
County Morton
SE NW NW Sec. 5 Twp. 33 S. R. 39 E W
1250 FNL Feet from S/N (circle one) Line of Section
1250 FWL Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name Hayward D Well # 2HP
Field Name Hugoton/Panoma

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

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NOV 18 2008
CONSERVATION DIVISION
WICHITA, KS

Producing Formation Chase/Council Grove
Elevation: Ground 3252.75 Kelley Bushing _____
Total Depth 3112 Plug Back Total Depth _____
Amount of Surface Pipe Set and Cemented at 615.55 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/ AKI-DIG-12/31/08
5x cmt.

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. C-164
 Dual Completion Docket No. _____
 Other (SWD or Enhr?) Docket No. _____
07/31/2008 08/04/2008 10/08/2008
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)
Chloride content 600 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 _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ E W
County _____ 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 ~~correct~~ correct to the best of my knowledge.
Signature: Diana Smart
Title Staff Regulatory Analyst Date 11/17/2008
Subscribed and sworn to before me this 17th day of November
20 08
Notary Public [Signature]
Date Commission Expires 3-12-2012

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
Jan H. 11/21

Operator Name Anadarko Petroleum Corporation Lease Name Hayward D Well # 2HP

Sec. 5 Twp. 33 S.R. 39 East West County Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base Glorieta	1404'	Towanda = 2548'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Stone Corral	1678'	Fort Riley = 2616'	
List All E.Logs Run:		Chase	2411'	Wreford = 2700'	
No Open-Hole logs.		Krider	2438'	C. Grove = 2718'	
Cased-Hole logs: Compensated Neutron, CBL		Winfield	2481'	Admire = 2964'	

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	12-1/4"	8-5/8"	24	615.55'	Versa & Hal	280	3%CC, 2%CC
Production	7-7/8"	5-1/2"	14	3088'	Varicem & Extendacem	570	.1%WG-17, .4% Halad

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 (Amount and Kind of Material Used)	Depth
2	2752-56, 2852-56, 2885-92	Acidize w/ gals 15% HCL.	2752-2892
2	2411-16, 2440-48, 2481-88, 2530-32	Frac w/200,000# 12/20 sand	2752-2892
2	2548-54, 2560-68, 2600-02, 2620-40	Acidize w/480 gals 15% HCL.	2411-2640
		Frac w/300,040# 12/20 sand	2411-2640

TUBING RECORD	Size 2-3/8"	Set At 2901'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 10/22/2008	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 456	Water Bbls. 61	Gas-Oil Ratio N/A

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled 2411' - 2892'

(If vented, submit ACO-18.) Other (Specify) _____

Handwritten signature and date: 11/21/08

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2671158	Quote #:	Sales Order #: 6073904
Customer: ANADARKO PETROLEUM CORPORATION		Customer Rep: Fluke, Gavin	
Well Name: Hayward	Well #: D-2H	API/UWI #: 15-129-21848	
Field: HUGOTON- PANOMA COMMINGLED	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Legal Description: Section 5 Township 33S Range 39W			
Contractor: Murfin Drilling Co.		Rig/Platform Name/Num: RIG22	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	9	267804	MARQUEZ, JULIO Cesar	9	444645	OLIPHANT, CHESTER C	9	243055

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10704310	60 mile	10744298C	60 mile	10866807	60 mile	10897801	60 mile
10988832	60 mile	D0565	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7-31-08	.5	0	8-1-08	8.5	1			

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
Form Type	BHST		On Location	31 - Jul - 2008	23:30	CST
Job depth MD	605. ft	Job Depth TVD	Job Started	01 - Aug - 2008	06:35	CST
Water Depth		Wk Ht Above Floor	Job Completed	01 - Aug - 2008	07:30	CST
Perforation Depth (MD) From		To	Departed Loc	01 - Aug - 2008	08:30	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					600.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	J-55		600.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HW, 7.20 MIN/8.09 MA	1	EA		RECEIVED
SHOE, GID, 8-5/8 BRD	1	EA		KANSAS CORPORATION COMMISSION
MLVASSY, INSR FLOAT, 8-5/8 BRD, 24 lbs/ft	1	EA		NOV 18 2008
FILLUP ASSY - 1,500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	4	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	1	EA		CONSERVATION DIVISION
KIT, HALL WELD-A	1	EA		WICHITA, KS

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	8.88	1	HES	621	Packer					Top Plug	8.88	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	8.88	1	HES	578						Plug Container	8.88	1	HES
Stage Tool										Centralizers	8.88	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/sk
1	Water Pre-Flush				10.00	bbl	8.33	.0	.0	5.0	
2	Lead Slurry	VARICEM (TM) CEMENT (452009)			130.0	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)									
	0.5 lbm	POLY-E-FLAKE (101216940)									
	18.09 Gal	FRESH WATER									
3	Tail Slurry	HALCEM (TM) SYSTEM (452988)			150.0	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				36.00	bbl	8.33	.0	.0	5.0	
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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CONSERVATION DIVISION
WICHITA, KS

Handwritten: 8/20/08

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300486	Ship To #: 2671158	Quote #:	Sales Order #: 6078720
Customer: ANADARKO PETROLEUM CORPORATION		Customer Rep: Rehg, Danny	
Well Name: Hayward	Well #: D-2H P	API/UWI #: 15-129-21846	
Field: HUGOTON-PANOMA COMMINGLED	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Legal Description: Section 5 Township 33S Range 39W			
Contractor: Murfin		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 #
HAYES, CRAIG	9	449385	LOPEZ, JUAN Rosales	10	198514	MATA, ADOLFO V	9	419999
WILTSHIRE, MERSHEK T	10	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	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out		
Form Type	On Location		
Job depth MD 3100. ft	Job Depth TVD	Job Started 04 - Aug - 2008 04:08	CST
Water Depth	Wk Ht Above Floor 5. ft	Job Completed 04 - Aug - 2008 05:24	CST
Perforation Depth (MD) From To	Departed Loc		

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				600.	3100.		
Production Casing	New		5.5	5.012	14.	8 RD (LT&C)	K-55		3100.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	J-55		600.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 5 1/2, HWE, 4.38 MIN/5.09 MA	1	EA		RECEIVED
SHOE, GID, 5-1/2 8RD	1	EA		KANSAS CORPORATION COMMISSION
FLOAT-IFV, 5 1/2, 8RD, LG, 8RD & BUTRS	1	EA		
CENTRALIZER ASSY - TURBO - API -	10	EA		NOV 18 2008
COLLAR-STOP-5 1/2"-W/DOGS	1	EA		
KIT, HALL WELD-A	1	EA		CONSERVATION DIVISION WICHITA, KS

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			

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/mln	Total Mix Fluid Gall/sk			
1	Water Spacer			10.00	bbbl	8.33	.0	.0	6.0				
2	Lead Slurry	VARICEM (TM) CEMENT (452009)		310.0	sacks	11.4	2.89	17.76	6.0	17.76			
	0.1 %	WG-17, 50 LB SK (100003623)											
	0.6 lbm	POLY-E-FLAKE (101216940)											
	17.766 Gal	FRESH WATER											
3	Tail Slurry	EXTENDACEM (TM) SYSTEM (452981)		260.0	sacks	14.	1.3	5.95	6.0	5.95			
	0.4 %	HALAD(R)-322, 50 LB (100003646)											
	0.25 lbm	POLY-E-FLAKE (101216940)											
	5.953 Gal	FRESH WATER											
4	Displacement			74.622	bbbl	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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CONSERVATION DIVISION
WICHITA, KS



November 17, 2008

Maggie Marcotte
Kansas Corporation Commission
Conservation Division
Finney State Office Building
130 S. Market Room 2078
Wichita, KS 67202-3802

RE: Hayward D 2HP
Section 05-33-39W
API 15-129-21846
Morton County, Kansas

Dear Ms Marcotte:

Enclosed are the following forms and documents for the completion of the above referenced well:

- ✓ ACO-1 Well Completion form (original & 2 copies)
- ✓ Cementing Tickets
- ✓ Copies of 2 logs run

No confidentiality is requested.

Please call me at 832-636-8380 if there are any questions.

Sincerely,

A handwritten signature in cursive script that reads "Diana Smart".

Diana Smart
Staff Regulatory Analyst
Diana.Smart@anadarko.com

Enclosures

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KANSAS CORPORATION COMMISSION

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WICHITA, KS