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AUG 04 2010

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008

Form must be Typed

WELL COMPLETION FORM

KCC WICHITA

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address 1: P.O. BOX 1330

Address 2: \_\_\_\_\_

City HOUSTON State TX Zip: 77251 + 1330

Contact Person: DIANA SMART

Phone ( 832 ) 636-8380

CONTRACTOR: License # 33784

Name: Trinidad Drilling LP

Wellsite Geologist: \_\_\_\_\_

Purchaser: Anadarko Energy Services Company

Designate Type of Completion

- New Well     Re-Entry     Workover
- Oil     SWD     SIOW
- Gas     ENHR     SIGW
- CM (Coal Bed Methane)     Temp. Abd.
- Dry     Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date \_\_\_\_\_ Original Total Depth \_\_\_\_\_

Deepening     Re-perf.     Conv. to Enhr     Conv. to SWD

Plug Back     Plug Back Total Depth

Commingled    Docket No. \_\_\_\_\_

Dual Completion    Docket No. \_\_\_\_\_

Other (SWD or Enhr?)    Docket No. \_\_\_\_\_

<u>04/07/2010</u>	<u>04/09/2010</u>	<u>04/27/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API NO. 15- 189-22704-00-00

Spot Description: \_\_\_\_\_

SE - SE - NW - SW Sec. 27 Twp. 31 S. R. 38  East  West

1390 Feet from  North /  South Line of Section

1250 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County Stevens

Lease Name Schwalter A Well # 4H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3143 Kelley Bushing \_\_\_\_\_

Total Depth 2930 Plug Back Total Depth \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 606 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 2900 ppm Fluid volume 250 bbls

Dewatering method used HAUL OFF

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name KEEFER A 1 License No. 4549

Quarter SW Sec. 13 Twp. 32 S. R. 38  East  West

County STEVENS Docket No. D17157

**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 08/03/2010

Subscribed and sworn to before me this 3rd day of August

20 10 Notary Public

Date Commission Expires SEPT 10, 2011

Date Commission Expires \_\_\_\_\_

**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

Alt 1 - Dlg. 8/10/10

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name Schwalter A Well # 4H

Sec. 27 Twp. 31 S.R. 38  East  West

County Stevens

**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, along with final chart(s). 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 <i>(Attach Additional Sheets)</i>	<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 Cedar Hills	1377	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Stone Corral	1715	
List All E.Logs Run: NEUTRON CBL		Chase	2435	
		Council Grove	2749	

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
<b>SURFACE</b>	12.25	8 5/8	24	606	STANDARD	450	2% 2% CC
<b>PRODUCTION</b>	7.875	5 1/2	14	2920	MIDCON50/50	480	.5 HALAD
					TOC=170'		

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	2470-76, 2528-34, 2586-604, 2637-48	2500 GALS 7.5% FE HCL	2470-2648
		Frac w/299,960 #s 12/20 sand	2470-2648

<b>TUBING RECORD</b>	Size 2 3/8	Set At 2674	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 04/27/2010		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 352	Water Bbls. 0	Gas-Oil Ratio Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, submit ACO-18.)</i>	<b>METHOD OF COMPLETION</b> <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval 2470 - 2648
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HALLIBURTON

KCC WICHITA

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2778023	Quote #:	Sales Order #: 7291387
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep:	
Well Name: Schowalter	Well #: A4H	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Contractor: TRINIDAD	Rig/Platform Name/Num: 208		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON	Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNETT, JAMES Ray	8	226567	PORTILLO, CESAR S	8	457847	SMITH, BOBBY Wayne	8	106036
TORRES, CLEMENTE	8	344233						

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)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	606 PA	BHST	606 PA	On Location	07 - Apr - 2010	17:00	CST
Job depth MD	675. ft	Job Depth TVD	675. ft	Job Started	07 - Apr - 2010	19:00	CST
Water Depth		Wk Ht Above Floor	2. ft	Job Completed	07 - Apr - 2010	23:53	CST
Perforation Depth (MD)	From	To		Job Completed	08 - Apr - 2010	00:53	CST
				Departed Loc	08 - Apr - 2010	03:30	CST

Well Data

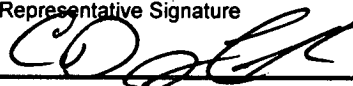
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production				7.625				615 PA	675	3760	
8 5/8 Surface Casing	Unknown		8.625	8.097	24.				675	606 PA	
Cement Production Casing	Unknown		5.5	4.974	15.				3750		

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

Description	Qty	Qty uom	Depth	Supplier
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	3	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Pre-Flush					bbl	8.33	.0	.0	5.0		
2	HALLIBURTON LIGHT STANDARD	HALLIBURTON LIGHT STANDARD - SBM (12313)			250.0	sacks	12.4	2.07	11.35	5.0	11.35	
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.5 lbm	POLY-E-FLAKE (101216940)										
	11.35 Gal	FRESH WATER										
3	Standard Cement	CMT - STANDARD CEMENT (100003684)			200.0	sacks	15.6	1.2	5.24	5.0	5.24	
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)										
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
	5.238 Gal	FRESH WATER										
4	Displacement				43.00	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	0 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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Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Cook, Junior	
Well Name: Schowalter		Well #: A4H	API/UWI #:
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Contractor: TRINIDAD		Rig/Platform Name/Num: TRINIDAD #208	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	8	371263	LOPEZ, JUAN R	8	198514	SMITH, BOBBY Wayne	8	106036
TORRES, CLEMENTE	8	344233						

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)	Top	Bottom	Called/Out	Date	Time	Time Zone
Form Type	2920 PL		BHST	2920	09 - Apr - 2010	11:00	CST
Job depth MD	3750 ft		Job Depth TVD	3750 ft	09 - Apr - 2010	13:00	CST
Water Depth			Wk Ht Above Floor		09 - Apr - 2010	17:29	CST
Perforation Depth (MD)	From	To	Job Completed		09 - Apr - 2010	18:30	CST
			Departed Loc		09 - Apr - 2010	20:00	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
Production Open Hole				6.25					3750	2930 PL	
5 1/2 Production Casing	Unknown		5.5	5.012	14.				3750	2920 PL	
Surface Casing	Unknown		8.625	8.097	24.				575	606 PL	

Sales/Rental/3<sup>rd</sup> 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 -	10	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			

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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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Water Pre-Flush			bbl	8.33	.0	.0	6.0			
2	Mid-Con 2 Standard	MIDCON-2 CEMENT STANDARD - SBM (15078)	200.0	sacks	11.4	2.89	17.84	6.0	17.84		
	0.25 lbm	POLY-E-FLAKE (101216940)									
	17.838 Gal	FRESH WATER									
3	50/50 Poz Standard	POZ STANDARD 50/50 - SBM (12308)	280.0	sacks	13.3	1.62	7.18	6.0	7.18		
	10 lbm	KOL-SEAL, BULK (100064233)									
	0.5 %	HALAD(R)-322, 50 LB (100003646)									
	0.25 lbm	POLY-E-FLAKE (101216940)									
	7.179 Gal	FRESH WATER									
4	2% Clay-Fix 3 Water w/ Biocide Displacement		92.00	bbl	8.33	.0	.0	6.0			
	0.105 gal/bbl	CLAYFIX 3, TOTETANK (101583425)									
	0.021 gal/bbl	BE-7, TOTE TANK (101649552)									
	42 gal/bbl	WATER - FRESH - GAL (24047)									
Calculated Values			Pressures			Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad			
Top Of Cement		5 Min		Cement Returns	yes	Actual Displacement		Treatment			
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job			
Rates											
Circulating		Mixing		Displacement		Avg. Job					
Cement Left In Pipe	Amount	0 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							

**PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL**

Kansas Corporation Commission, Conservation Division  
Finney State Office Building, 130 South Market, Room 2078 Wichita, Kansas 67202

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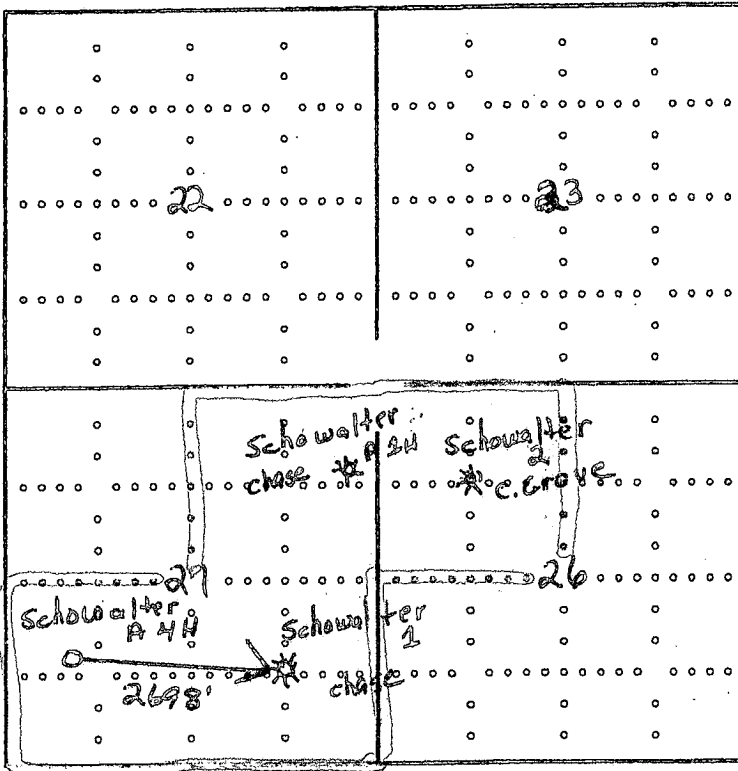
KCC WICHITA

API NUMBER 15-  
OPERATOR: Anadarko Petroleum Corporation  
LEASE: Schwalter A  
WELL NUMBER: 4H  
FIELD: Hugoton  
NUMBER OF ACRES ATTRIBUTABLE TO WELL: 640  
QTR/QTR/QTR: SE - NW - SW

LOCATION OF WELL: COUNTY: Stevens  
1390 feet from X South      North line of section  
1250 feet from East X West line of section

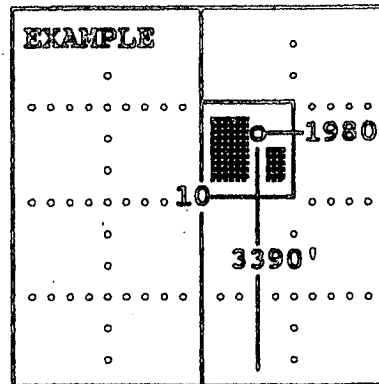
SECTION 27 TWP 31(S) RNG 38W  
IS SECTION X REGULAR or IRREGULAR  
IF SECTION IS IRREGULAR, LOCATE WELL FROM  
NEAREST CORNER BOUNDARY (check line below)  
Section corner used:      NE      NW      SE X SW

(Show the location for the well and shade attributable acreage for prorated or spaced wells). (Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well).



T 31 S R 38 W  
Stevens Co.

Divergent Interest



SEWARD CO.

The undersigned hereby certifies as Staff Regulatory Analyst (title) for Anadarko Petroleum Corporation (Co.), a duly authorized agent, that all information shown hereon is true and correct to the best of my knowledge and belief, that all acreage claimed attributable to the well named herein is held by production from that well and hereby make application for an allowable to be assigned to the well upon the filing of this form and the State test, whichever is later.

Signature Diana Smart

Subscribed and sworn before me this 21<sup>st</sup> day of December, 2009

Bertha Neefe  
Notary Public

My Commission expires 12-27-09

