

ORIGINAL

*Handwritten initials and date: 3/11/09*

WELL COMPLETION FORM

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: Trinidad Drilling Ltd Partnership

License: 33784

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

Designate Type of Completion

New Well  Re-Entry  *RECOVER*

Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

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./SWD

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

Commingled  Docket No. \_\_\_\_\_

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

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

11/13/08 11/16/08 02/04/2009  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API NO. 15- 081-21835-0000

County Haskell

C SE SE Sec. 5 Twp. 30 S. R. 32  E  W

660 FSL Feet from S/N (circle one) Line of Section

660 FEL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name Orth A Well # 3H

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2902.7' Kelley Bushing \_\_\_\_\_

Total Depth 3105' Plug Back Total Depth \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 755' 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 AH I NCR 4-1-09  
(Data must be collected from the Reserve Pit)

Chloride content 1300 ppm Fluid volume 1000 bbis

Dewatering method used Allow to dry; backfill & restore

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

Operator Name Anadarko Petroleum Corporation

Lease Name Keefer A-1 SWD License No. 4549

Quarter NE SW SW Sec. 13 Twp. 32 S R. 38  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 02/19/2009

Subscribed and sworn to before me this 19th day of February  
20 09

Notary Public Cynthia Rodriguez

Date Commission Expires Nov 9, 2010



**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received \_\_\_\_\_

Geologist Report Received \_\_\_\_\_

UIC Distribution \_\_\_\_\_

Operator Name Anadarko Petroleum Corporation

Lease Name Orth A

Well # 3H

Sec. 05 Twp. 30 S.R. 32  East  West

County Haskell

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 Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: CBL & Dual Spaced Neutron	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Base Glorieta</td> <td>1485'</td> <td>Towanda = 2772'</td> </tr> <tr> <td>Base Stone Corral</td> <td>1868'</td> <td>Fort Riley =</td> </tr> <tr> <td>Herington</td> <td>2646'</td> <td>2825'</td> </tr> <tr> <td>Krider</td> <td>2667'</td> <td></td> </tr> <tr> <td>Winfield</td> <td>2722'</td> <td></td> </tr> </table>	Name	Top	Datum	Base Glorieta	1485'	Towanda = 2772'	Base Stone Corral	1868'	Fort Riley =	Herington	2646'	2825'	Krider	2667'		Winfield	2722'	
Name	Top	Datum																	
Base Glorieta	1485'	Towanda = 2772'																	
Base Stone Corral	1868'	Fort Riley =																	
Herington	2646'	2825'																	
Krider	2667'																		
Winfield	2722'																		

CASING RECORD  New  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	755'	Varis&Halcem	330	3%CC 2%CC
Production	7-7/8"	5-1/2"	14	3105'	Varicem & Extendacem	550	.1% WG-17 & .4% Halad

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 (Amount and Kind of Material Used)	Depth
2	2646'-2646', 2667'-2678' & 2722'-2730'	Acidized w/1850 Gals HCl	2646-2730
		Frac'd w/37,846 gals 20# XL borate & 60,160# 12/20 sand.	2646-2730

TUBING RECORD	Size 2-3/8"	Set At 2747'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 02/04/2009		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 135	Water Bbls. 0	Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled 2646' -2730'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2695964	Quote #:	Sales Order #: 6317434
Customer: ANADARKO PETROLEUM CORPORATION		Customer Rep: Fluke, Gavin	
Well Name: Orth	Well #: A-3H	API/UWI #: 15-081-21835	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas

Legal Description: Section 5 Township 30S Range 32W	
Contractor: TRINIDAD	Rig/Platform Name/Num: 208
Job Purpose: Cement Production Casing	
Well Type: Development Well	Job Type: Cement Production Casing
Sales Person: HESTON, MYRON	Srvc Supervisor: GRAVES, JEREMY MBU ID Emp #: 399155

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FLORES, JOSE	7.5	457832	GRAVES, JEREMY L	7.5	399155	MIGUEL, GREGORIO Pedro	7.5	442124
PARUZINSKI, JOHN Harrison	7.5	441380	TORRES, CLEMENTE	7.5	344233			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	30 mile	10240245	30 mile	10415642	30 mile	54029	30 mile
54218	30 mile	6612	30 mile				

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	Top	Bottom		Date	Time	Time Zone	
Formation Depth (MD)				Called Out	15 - Nov - 2008	17:00	CST
Form Type		BHST		On Location	15 - Nov - 2008	19:30	CST
Job depth MD	3100. ft	Job Depth TVD	3118. ft	Job Started	16 - Nov - 2008	01:00	CST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	16 - Nov - 2008	02:00	CST
Perforation Depth (MD)	From	To		Departed Loc	16 - Nov - 2008	03:00	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MID ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Hole				7.875				750.	3100.		
Production Casing	New		5.5	5.012	14.		K-55		3100.		
Surface Casing	New		8.625	8.097	24.		J-55		750.		

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

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 5 1/2, HWE, 4.38 MIN/5.09 MA	1	EA		
SHOE, GID, 5-1/2 8RD	1	EA		
FLOAT-IFV, 5 1/2, 8RD, LG, 8RD & BUTRS	1	EA		
FILUP ASSY, 1.250 ID, 4 1/2, 5 IN INSR	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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Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	5 1/2	1	HES	3118	Packer					Top Plug	5 1/2	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	5 1/2	1	HES	3073						Plug Container	5 1/2	1	HES
Stage Tool										Centralizers	5 1/2	10	HES

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 Spacer		0.00	bbl	8.33	.0	.0	6.0		
2	Lead Cement	VARICEM (TM) CEMENT (452009)	290.0	sacks	11.4	2.89	17.76	6.0	17.76	
	0.1 %	WG-17, 50 LB SK (100003623)								
	0.5 lbm	POLY-E-FLAKE (101216940)								
	17.756 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, 50 LB (100003646)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	5.953 Gal	FRESH WATER								
4	Displacement		0.00	bbl	8.33	.0	.0	6.0		

Calculated Values			Pressures			Volumes			
Displacement	75	Shut In: Instant	Lost Returns	0	Cement Slurry	219	Pad		
Top Of Cement		5 Min	Cement Returns	50	Actual Displacement	75	Treatment		
Frac Gradient		15 Min	Spacers	10	Load and Breakdown		Total Job	304	

Rates										
Circulating	5	Mixing	6	Displacement	7	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
	

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Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 5 Township 30S Range 32W			
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: GRAVES, JEREMY	MBU ID Emp #: 399155

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARNETT, JAMES Ray	10	226567	GRAVES, JEREMY L	10	399155	MIGUEL, GREGORIO Pedro	10	442124
PARUZINSKI, JOHN Harrison	10	441380						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	30 mile	10415642	30 mile	10825713	30 mile	54029	30 mile
6612	30 mile	D0565	30 mile				

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	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	13 - Nov - 2008	19:00	CST
Form Type		BHST	Job Started	13 - Nov - 2008	22:00	CST
Job depth MD	750. ft	Job Depth TVD	Job Completed	14 - Nov - 2008	00:00	CST
Water Depth		Wk Ht Above Floor	Departed Loc	14 - Nov - 2008	00:00	CST
Perforation Depth (MD)	From	To				

Well Data


Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MID ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					750.		
Surface Casing	New		8.625	8.097	24.		J-55		750.		

Sales/Rental/3<sup>rd</sup> 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		
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	4	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	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	8 5/8	1	HES	762	Packer					Top Plug	8 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	8 5/8	1	HES	718						Plug Container			
Stage Tool										Centralizers	8 5/8	4	HES

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 Spacer				10.00	bbl	8.33	.0	.0	5.0			
2	Lead Cement	VARICEM (TM) CEMENT (452009)			180.0	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 Cement	HALCEM (TM) SYSTEM (452986)			150.0	sacks	14.8	1.34	6.32	5.0	6.32		
	0.25 lbm	POLY-E-FLAKE (101216940)											
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)											
	6.324 Gal	FRESH WATER											
4	Displacement				46.00	bbl	8.33	.0	.0	5.0			
Calculated Values		Pressures			Volumes								
Displacement	46	Shut In: Instant			Lost Returns	0	Cement Slurry	131	Pad				
Top Of Cement		5 Min			Cement Returns	60	Actual Displacement	46	Treatment				
Frac Gradient		15 Min			Spacers	10	Load and Breakdown		Total Job	177			
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						
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