

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: DAVID W. KAPPLF

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

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

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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

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

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

6-1-97 6-3-97 7-3-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21610-00-00

County SEWARD

NE - NE - SW - SW Sec. 3 Twp. 34 Rge. 34  E  W

1250 Feet from X  (circle one) Line of Section

1250 Feet from X  (circle one) Line of Section *OK*

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or  (circle one)

Lease Name WILES "A" Well # 2H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2915.7 KB \_\_\_\_\_

Total Depth 2800 PBD 2750

Amount of Surface Pipe Set and Cemented at 716 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 11.1 1-15-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 400 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite:

Operator Name 929-97

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

1997  
KANSAS CORPORATION COMMISSION  
RECEIVED  
9  
D

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 L. Marc Harvey  
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 9-25-97

Subscribed and sworn to before me this 25<sup>th</sup> day of September 19 97.

Notary Public Freda R. Hinz

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

FREDA L. HINZ  
Notary Public - State of Kansas  
My Appt. Expires 5-15-99

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name WILES "A" Well # 2H

Sec. 3 Twp. 34 Rge. 34 [ ] East [x] West County SEWARD

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 log.

Drill Stem Tests Taken [ ] Yes [x] No (Attach Additional Sheets.)

Samples Sent to Geological Survey [ ] Yes [x] No

Cores Taken [ ] Yes [x] No

Electric Log Run [x] Yes [ ] No (Submit Copy.)

List All E.Logs Run: CBL-CCL-GR.

[x] Log Formation (Top), Depth and Datums [ ] Sample

Table with 3 columns: Name, Top, Datum. Rows include GLORIETTA, B/STONE CORRAL, HERRINGTON, KRIDER, WINFIELD.

CASING RECORD

[x] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

Table with 4 columns: 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.

Table with 2 columns: TUBING RECORD (Size, Set At, Packer At, Liner Run) and Date of First, Resumed Production, SWD or Inj. Producing Method.

Disposition of Gas: [ ] Vented [x] Sold [ ] Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION: [ ] Open Hole [x] Perf. [ ] Dually Comp. [ ] Commingled [ ] Other (Specify) Production Interval: 2612-2740 (OA)

REGION North America		NWA/COUNTRY M.d Cont		BDA / STATE KS		TICKET DATE 6-1-97	
MBU ID / EMP # L10105 / 85257		EMPLOYEE NAME John Kloft		PSL DEPARTMENT Cement 5001		COUNTY Seward	
LOCATION Land		COMPANY Anadarko Petro.		CUSTOMER REP / PHONE			
TICKET AMOUNT		WELL TYPE 01		API / UWI #			
WELL LOCATION Land		DEPARTMENT Cement 5001		JOB PURPOSE CODE 010		<b>ORIGINAL</b>	
LEASE / WELL Wiles A-2H		SEC / TWP / RNG 3-34S-34W					

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
S. Grant							
L. Patterson							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
4119 - 75237							
52947 - 75496							

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe	1	
Centralizers	4	
Bottom Plug		
Top Plug	1	
Head Insert-Fill	1	
Packer Basket	1	
Other Weld A	1	

**MATERIALS**

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	6-1-97	6-1-97	6-2-97	6-2-97
TIME	20:00	22:30	0:17	0:55

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	23#	8 7/8	0	716	1500
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
6-1-97	2hr	6-1-97	20	8 7/8 Surface  MATERIALS SHIPPED 107 ST 49
6-2-97	1.5hr	6-2-97	1	
<b>TOTAL</b>		<b>TOTAL</b>		

ORDERED	HYDRAULIC HORSEPOWER Avail.	Used	
	TREATED	AVERAGE RATES IN BPM Disp.	Overall
	FEET 42.49	CEMENT LEFT IN PIPE Reason	Shoe Joint

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	140	Midecon PP	B	3% CC, 1/4# floccle	3.20	11.1
2	100	PP	B	2% CC, 1/4# floccle	1.34	14.8

Circulating Breakdown	Displacement Maximum	Preflush: Gal - BBI 10	Type 11.0
Average	Frac Gradient	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Shut In: Instant	5 Min 15 Min	Treatment Gal - BBI	Disp: BBI - Gal 43.13
		Cement Slurr Gal - BBI 479.28	Total Volume Gal - BBI 23.82

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
<b>THE INFORMATION STATED HEREIN IS CORRECT</b>		CUSTOMER'S REPRESENTATIVE SIGNATURE	

REGION North America	NWA/COUNTRY USA - West	BDA / STATE KS	COUNTY Seward
MBU ID / EMP #	EMPLOYEE NAME [Handwritten Name]	PSL DEPARTMENT Cement. 5001	
LOCATION	COMPANY [Handwritten]	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	ORIGINAL
LEASE / WELL #	SEC / TWP / RNG [Handwritten]		

HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)   HRS
[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]
[Handwritten]	[Handwritten]	[Handwritten]	[Handwritten]

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	20:00	20:00						Call out
	22:30	22:30						On location
	22:45	22:45						Safety Meeting & Rig up
	23:20	23:20						Run Float
	23:30	23:30						Drop Ball
	0:04	0:04						Circulate w/ Rig
	0:17	5.5	79.78			85		Hook-up Halliburton / mix Pump CMT (Lead) 11.1 <sup>1/2</sup> gal
	0:28	5.5	23.86			80		" (Tail) 14.8 <sup>1/2</sup> gal
	0:32							Shut down / Drop Plug
	0:33	10	43.13			190 / 300		Start Displacement
	0:50							Land Plug
	0:51							Release Back - Plug Did not Hold
	0:55							End Job

15-BBL CMT TO PIT ✓

RECEIVED  
KANSAS ONE CORP  
197 SEP 29 PM 2:31

Thank You  
John - Sam - Lou

235638

6-3-97

REGION North America	NWA/COUNTRY Mid Cont	BDA / STATE KS	COUNTY Seward
MBU ID / EMP # L1015 / 85257	EMPLOYEE NAME John Kloft	PSL DEPARTMENT Cement 5001	
LOCATION Land	COMPANY Anadarko Petro	CUSTOMER REP / REGION Steve Kidenour	
TICKET AMOUNT	WELL TYPE 02	API / UWI #	
WELL LOCATION Land	DEPARTMENT 5001 Cement	JOB PURPOSE CODE 035 ORIGINAL	
LEASE / WELL # W.125 A-2H	SEC / TWP / RING 3-34S-34W		

HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS
S. Grant			
J. Frost			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
52947-75496							

Form Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Misc. Data \_\_\_\_\_ Total Depth \_\_\_\_\_

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe	1	NO
Centralizers	13	W
Bottom Plug		
Top Plug	1	C
Head		O
Packer Invert F:11	1	
Other Well A	1	

**MATERIALS**

Treat Fluid _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Prop. Type _____	Size _____	Lb. _____
Prop. Type _____	Size _____	Lb. _____
Acid Type _____	Gal. _____	% _____
Acid Type _____	Gal. _____	% _____
Surfactant _____	Gal. _____	In _____
NE Agent _____	Gal. _____	In _____
Fluid Loss _____	Gal/Lb _____	In _____
Gelling Agent _____	Gal/Lb _____	In _____
Fric. Red. _____	Gal/Lb _____	In _____
Breaker _____	Gal/Lb _____	In _____
Blocking Agent _____	Gal/Lb _____	_____
Perfpac Balls _____	Qty. _____	_____
Other _____	_____	_____
Other _____	_____	_____
Other _____	_____	_____
Other _____	_____	_____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
6-3-97	16:25	19:00	22:50	23:50

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	0	272.8	100
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
6-3-97	4hr	6-3-97	1hr	5 1/2 Longstring
TOTAL		TOTAL		

**HYDRAULIC HORSEPOWER**

ORDERED \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

TREATED \_\_\_\_\_

AVERAGE RATES IN BPM

Disp. \_\_\_\_\_ Overall \_\_\_\_\_

CEMENT LEFT IN PIPE

FEET 43.44 Reason Shoe Joint

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: Gal - BBI 8-10-8 Type \_\_\_\_\_

Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_ Load & Bkdn: Gal - BBI \_\_\_\_\_ Pad: BBI - Gal \_\_\_\_\_

Average \_\_\_\_\_ Frac Gradient \_\_\_\_\_ Treatment Gal - BBI \_\_\_\_\_ Disp: BBI - Gal 65.66

Shut in: Instant \_\_\_\_\_ 5 Min \_\_\_\_\_ 15 Min \_\_\_\_\_ Cement Slurr Gal - BBI 2108.28 T) 2205 (mix) 8.90

Total Volume Gal - BBI 240.89

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE \_\_\_\_\_

**JOB LOG** 4239-5

REGION North America	NWA/COUNTRY	BDA / STATE	COUNTY
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL #	SEC / TWP / RNG		

**ORIGINAL**

HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) :HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	16:25							Call Out
	19:00							Op Location
	19:15							Safety Meeting / Rig-up
	19:45							Run Plot & Gunp
	22:00							Drop Ball
	22:29							Rig-up Head Circulate w/Rig
	22:40							Mix Superflush
	22:50	7	8-10-8			240		Pump 8 bbls H <sub>2</sub> O - 10 bbls Superflush - 8 bbls H <sub>2</sub> O
	22:58		8.90					Mix & Pump emt (Plug Rat & Mouse)
	23:05	6.5	108.28			250		" (Lead) 11.2 gal
	23:19	6.5	32.05			95		(Tail) 12.8 gal
	23:29							Shutdown / Drop Plug
	23:30							Wash Pump & Line
	23:31	6.5	65.66			490		Start Displacement
	23:40					490		Land Plug
	23:47							Release Back / Plug Held
	23:52							End Job

PRINTED: 11/19/10 2:31 PM  
 BY: [illegible]

Thank You  
 John - SAM - JACK - Tim