

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 4549  
Name: ANADARKO PETROLEUM CORP.  
Address: 701 S. TAYLOR STREET, SUITE 400  
City/State/Zip: AMARILLO, TEXAS 79101  
Purchaser: ANADARKO ENERGY SERVICES  
Operator Contact Person: JOHN VIGIL  
Phone: (806) 457-4600  
Contractor: Name: MURFIN DRILLING CO, INC.  
License: 30606  
Wellsite Geologist: MARVIN T. HARVEY, JR.

API No. 15 - 189-22442-0000  
County: STEVENS  
C NE NE Sec. 31 Twp. 34 S. R. 38  East  West  
660 feet from S (N) (circle one) Line of Section  
660 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: HJV BRECHEISEN "A" Well #: 1

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/Re-entry: 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. \_\_\_\_\_

<u>6-25-2003</u>	<u>7-3-2003</u>	<u>7-4-2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Field Name: WILDCAT  
Producing Formation: NONE  
Elevation: Ground: 3286 Kelly Bushing: \_\_\_\_\_  
Total Depth: 6700 Plug Back Total Depth: 0  
Amount of Surface Pipe Set and Cemented at 1803 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 Pick up 8-21-03  
(Data must be collected from the Reserve Pit)  
Chloride content 1000 ppm Fluid volume 700 bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
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 of 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. Marie Pearson  
Title: Engr. Tech III Date: 7-29-03  
Subscribed and sworn to before me this 29 day of July, 2003  
Notary Public: Lori Pearson  
Date Commission Expires: 2/26/05

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
**LORI PEARSON** Notary Public, State of Texas  
My Commission Expires **February 26, 2005**  
JIC Distribution

RELEASED  
JUL 2004  
FROM  
RECEIVED  
AUG 01 2003  
KCC WICHITA  
KCC  
JUL 30 2003  
CONFIDENTIAL

Operator Name: ANADARKO PETROLEUM CORP. Lease Name: HJV BRECHEISEN "A" Well #: 1  
 Sec. 31 Twp. 34 S. R. 38 East  West County: STEVENS

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
CHASE	2640	646
COUNCIL GROVE	2990	296
B/HHEEBNER	4284	-998
MARMATON	5132	-1846
MORROW	5956	-2670
STE. GENEVIEVE	6664	-3378

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"	21.8	1803	P+MC/P+	450/150	3%CC, .1%FWCA, 1/2 PPS F/2%CC, 1/4PPS F.

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit.ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_ NONE

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>2522888</b>	TICKET DATE <b>06/26/03</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>STEVENS</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>KENNY PARKS 806-595-0980</b>
SAP BOMB NUMBER <b>7521</b>	Cement Surface Casing
HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL KS</b>	

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>
MBU ID / EMPL # <b>MCLIO103 106304</b>	H.E.S. EMPLOYEE NAME <b>TYCE DAVIS</b>
LOCATION <b>LIBERAL KS</b>	COMPANY <b>ANADARKO PETROLEUM CORPORA</b>
TICKET AMOUNT <b>\$10,565.46</b>	WELL TYPE <b>02 Gas</b>
WELL LOCATION <b>LAND S. FETERITA KS</b>	DEPARTMENT <b>CEMENT</b>
LEASE NAME <b>HJV BRECHEISEN</b>	SEC / TWP / RNG <b>31 - 34S - 38W</b>

**CONFIDENTIAL**

**ORIGINAL**

**KCC**

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Davis, T 106304	7.0			
Willie D 225409	6	7.0		
Tate, N 105953	6			
Beruman, E 267804				

**RECEIVED**

**JUL 29 2003**

**AUG 01 2003**

**CONFIDENTIAL**

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	60			
10244148-10286731	15			
10243558-10011276	15			

**KCC WICHITA**

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

Date	Called Out	On Location	Job Started	Job Completed
	6/26/2003	6/26/2003	6/26/2003	6/26/2003
Time	0200	0300	0800	0930

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe FILL TUBE	1	HOWCO
Centralizers S-4	4	HOWCO
Top Plug 5W	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp		HOWCO
Weld-A	1	HOWCO
Guide Shoe REG	1	HOWCO
BTM PLUG BASKET	1	HOWCO

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"		0	1,812	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	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		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/26				Cement Surface Casing
Total		Total		

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 44	Cement Left in Pipe Reason	SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	450	MIDCON C		3% CC - 1/2# FLOCELE -.1% FWCA	17.98	2.94	11.40
2	125	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

**Summary**

Circulating	Displacement	Preflush:	BBI	Type:
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad:Bbl -Gal
Lost Returns-y	Lost Returns-f	Excess /Return	BBI	Calc. Disp Bbl
Cmt Rtrn#Bbl	Actual TOC	Calc. TOC:		Actual Disp.
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
Shut In: Instant	5 Min. 15 Min.	Cement Slurry	BBI	
		Total Volume	BBI	
				266.0
				379.00

**Frac Ring #1** | **Frac Ring #2** | **Frac Ring #3** | **Frac Ring #4**

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_

SIGNATURE \_\_\_\_\_



# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>		NWA CTRY <b>Mia Continent/USA</b>		SALES ORDER NUMBER <b>25^628</b>	TICKET DATE <b>07/04/03</b>
MBU ID / EMPL # <b>MCL / IO104</b>		H.E.S EMPLOYEE NAME <b>JOHN WOODROW</b>		BDA / STATE <b>MC/Ks</b>	COUNTY <b>STEVENS</b>
LOCATION <b>LIBERAL</b>		COMPANY <b>ANADARKO PETROLEUM CORPORA</b>		PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
TICKET AMOUNT <b>\$6,465.61</b>		WELL TYPE <b>01 Oil</b>		CUSTOMER REP / PHONE <b>DOUG BLAIR</b>	
WELL LOCATION <b>HUGOTON,KS.</b>		DEPARTMENT <b>CEMENT</b>		SAP BOMB NUMBER <b>7528</b>	Plug to Abandon
LEASE NAME <b>HJV BRECHEISEN</b>		Well No. <b>A-1</b>	SEC / TWP / RNG <b>31 - 34S - 38W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL,KS.</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS
<b>Woodrow, J 105848</b>	6.5	<b>Tate, N 105953</b>	6.5		
<b>Arnett, J 226567</b>	6.5				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	H.E.S. UNIT #S / (R / T MILES)	R / T MILES
<b>10415641</b>	<b>60</b>	<b>10244148 / 10011591</b>	<b>15</b>
<b>10011407 / 10011306</b>	<b>60</b>		

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

Date	Called Out	On Location	Job Started	Job Completed
	<b>7/4/2003</b>	<b>7/4/2003</b>	<b>7/4/2003</b>	<b>7/4/2003</b>
Time	<b>1300</b>	<b>1530</b>	<b>1754</b>	<b>2100</b>

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar		H
Float Shoe		
Centralizers		A
Top Plug		
HEAD		L
Limit clamp		
Weld-A		C
Guide Shoe		
BTM PLUG		O

**Well Data**

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	U	24#	8 5/8	KB	1,840	
Liner						
Liner						
Tubing			4 1/2 DP			
Drill Pipe						
Open Hole			7 7/8			Shots/Ft.
Perforations						
Perforations						
Perforations						

**Materials**

Mud Type	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		
Other		

**Hours On Location**

Date	Hours
7/4	6.5
Total	6.5

**Operating Hours**

Date	Hours
7/4	2.0
Total	2.0

**Description of Job**

Plug to Abandon

SEE JOB LOG

**Hydraulic Horsepower**

Ordered \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

**Average Rates in BPM**

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

**Cement Left in Pipe**

Feet \_\_\_\_\_ Reason \_\_\_\_\_ SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	100	40/60 POZ H		6% TOTAL GEL PLUG @ 3250 FT	7.59	1.53	13.50
2	50	40/60 POZ H		6% TOTAL GEL PLUG @ 1840 FT	7.59	1.53	13.50
3	40	40/60 POZ H		6% TOTAL GEL PLUG @ 700 FT	7.59	1.53	13.50
4	10	40/60 POZ H		6% TOTAL GEL PLUG @ 40 FT	7.59	1.53	13.50

**Summary**

Circulating _____	Displacement _____	Preflush: BBI _____	Type: _____
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad:Bbl - Gal _____
Lost Returns- _____	Lost Returns- _____	Excess /Return BBI _____	Calc. Disp Bbl _____
Cmt Rtrn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp Bbl _____
Shut In: Instant _____	5 Min. _____	Cement Slurry BBI _____	54.0
	15 Min. _____	Total Volume BBI _____	54.00

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

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

CONFIDENTIAL

KCC  
JUL 29 2003

ORIGINAL

<b>HALLIBURTON JOB LOG</b>		CONFIDENTIAL		TICKET #	2540628	TICKET DATE	07/04/03
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks		COUNTY STEVENS	
MBU ID / EMPL # MCL / IO104		H.E.S. EMPLOYEE NAME JOHN WOODROW		PSL DEPARTMENT Cement			
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORPO		CUSTOMER REP / PHONE DOUG BLAIR		1-806-595-0980	
TICKET AMOUNT \$6,465.61		WELL TYPE 01 Oil		API/UMI #			
WELL LOCATION HUGOTON,KS.		DEPARTMENT CEMENT		JOB PURPOSE CODE Plug to Abandon			
LEASE NAME HJV BRECHEISEN		Well No. A-1	SEC / TWP / RNG 31 - 34S - 38W	HES FACILITY (CLOSEST TO WELL S LIBERAL,KS.			
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)

Woodrow, J 105848	Tate, N 105953						
Arnett, J 226567							

Chart No.	Time	Rate (BPM)	volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	1700							JOB READY
	1300							CALLED OUT FOR JOB
	1530							PUMP TRUCK & BULK CMT. ON LOCATION
	1545							PRE JOB SITE ASSESMENT / SPOT EQUIP. / RIG UP
								RIG LAYING DOWN DRILL PIPE
	1615							TRIP BACK IN WITH 3250 FT. OF DRIL PIPE
								( 1ST PLUG JOB PROCEDURE ) 100 SKS @ 3250 FT.
	1754	5.0	10.0			275		PUMP FRESH WATER SPACER
	1756	6.0	27.0			250-150		MIX 100 SKS CMT. @ 13.5#/GAL
	1802	3.5	3.5			50		PUMP FRESH WATER SPACER
	1803	5.0	35.0			90-150		DISPLACE WITH 35 BBLs. MUD
	1810					150-0		SHUT DOWN / KNOCK LOOSE
								PULL D.P. TO1840 FT.
								( 2ND PLUG JOB PROCEDURE ) 50 SKS @ 1840 FT.
	1852	5.0	10.0			180		PUMP FRESH WATER SPACER
	1855	6.0	12.0			200		MIX 50 SKS CMT. @ 13.5#/GAL
	1857	5.0	3.5					PUMP FRESH WATER SPACER
		6.0	23.5			100-150		DISPLACE WITH 23.5 BBLs. MUD
	1900							SHUT DOWN / KNOCK LOOSE
								PULL D.P. TO 700 FT.
								( 3RD PLUG JOB PROCEDURE ) 40 SKS @ 700 FT.
	1938	5.0	30.0			100		PUMP FRESH WATER SPACER
	1945	5.0	10.5			140		MIX 40 SKS CMT. @ 13.5#/GAL
			7.0			100		DISPLACE WITH 7 BBLs. WATER
	1950							SHUT DOWN / KNOCK LOOSE
								LAY DOWN REST OF DRILL PIPE
								PULL RH & MH
								RUN 40 OF D.P. BACK IN
	2100		2.0					( 4TH PLUG ) 10 SKS FROM 40 FT. TO GL
			5.0					PLUG MH & RH WITH 25 SKS CMT
								JOB COMPLETE
								THANK YOU FOR CALLING HALLIBURTON !!!
								( WOODY & CREW )

7-29-04

ANADARKO PETROLEUM CORPORATION

PHONE 806-457-4600 • 701 S. TAYLOR ST. • SUITE 400 • AMARILLO, TEXAS 79101

**P  
&  
A**



RECEIVED

AUG 01 2003

July 29, 2003

**CONFIDENTIAL**

KCC WICHITA

Release

2004

From

Confidential

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

KCC

JUL 29 2003

CONFIDENTIAL

Re: HJV Brecheisen "A" No. 1  
Section 31-34S-38W  
Stevens County, Kansas

Gentlemen:

Attached in triplicate is the Affidavit of Completion (ACO-1 Well History), a set of well logs and cementing tickets for the above referenced well. Also attached is Form CP-4 (Plugging Report).

It is requested that this information remain confidential for a period of one year.

If you have any questions, please advise.

Very truly yours,

L. Marc Harvey  
Engineering Technician III  
LMH

Enclosures

cc: WI Owners  
JTC