

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

CONFIDENTIAL

API NO. 15- 189-22400 -00-00
County STEVENS
SE - SE - SE Sec. 33 Twp. 34S Rge. 38 X E/W

Operator: License # 4549
Name: ANADARKO PETROLEUM CORPORATION
Address 701 S. TAYLOR, SUITE 400
City/State/Zip AMARILLO, TEXAS 79109

330 Feet from X(S) (circle one) Line of Section
330 Feet from (E)X (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Purchaser: ANADARKO ENERGY SERVICES **KCC**
Operator Contact Person: JOHN VIGIL
Phone (806) 457-4600

Lease Name BRECHISEN "B" Well # 1
Field Name MOUSER
Producing Formation MORROW
Elevation: Ground 3203.5 KB
Total Depth 6910 ✓ PBDT 6686 ✓

Contractor: Name: MUREIN DRILLING **CONFIDENTIAL**
License: 30606
Wellsite Geologist: _____ ✓

Amount of Surface Pipe Set and Cemented at 702 ✓ Feet
Multiple Stage Cementing Collar Used? Yes _____ No X
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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

Drilling Fluid Management Plan API BR. 5-B-02
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 700 bbls
Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

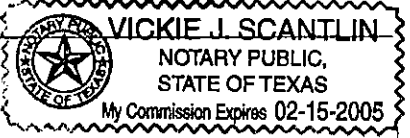
If Workover:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBDT
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
9-12-2001 9-24-2001 10-8-2001
Spud Date Date Reached TD Completion Date

Location of fluid disposal if hauled offsite:
Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ 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 complete and correct to the best of my knowledge.

Signature L. Marc Harvey
Title ENGINEERING TECHNICIAN III Date 11-30-01
Subscribed and sworn to before me this 30th day of November
20 01.
Notary Public Vickie J. Scantlin
Date Commission Expires _____



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

Form ACO-1 (7-91) **DEC 07 2001**
KCC WICHITA

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BRECHEISEN "B" Well # 1

Sec. 33 Twp. 34S Rge. 38 East County STEVENS
 West

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 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: CBL, DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datums Sample
 Name Top Datum
 CHASE 2592
 COUNCIL GROVE 2944
 B/HEEBNER 4250
 MARMATON 5140
 MORROW 5934
 STE. GENEVIEVE 6664
 ST. LOUIS 6728

CASING RECORD							
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	17-1/2"	13-3/8"	48.0	702	P+ MIDCON/ P+	220/200	3%CC, .1%FWCA, 1/4#/SK PF/2%CC, 1/4#/SK PF.
INTERMEDIATE	12-1/4"	8-5/8"	23.5	1720	P+ MIDCON/ P+	335/100	3%CC, .1%FWCA, 1/4#/SK PF/2%CC, 1/4#/SK PF.
PRODUCTION	7-7/8"	5-1/2"	15.5	6749	50/50 POZ/ 50/50 POZ.	25/275	.75%#322, 10%SALT, 1/8 #/SK PF/SAME.

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
4	6386-6406.		

TUBING RECORD	Size 2-3/8"	Set At 6368	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 10-18-2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas 1100 Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval 6386-6406

HALLIBURTON		JOB SUMMARY		SALES ORDER NUMBER 1507385	TICKET DATE 09/13/01
REGION NORTH AMERICA LAND	INVA / COUNTRY USA	BDA / STATE KS	COUNTY STEVENS		
MBU ID / ENPL # MCLI 0113 212723	H.E.S EMPLOYEE NAME JERRAKO EVANS	PSL DEPARTMENT Cementing Services			
LOCATION HUGOTON, KS	COMPANY ANADARKO PETRO CORP	CUSTOMER REP / PHONE KENNY PARKS			
TICKET AMOUNT \$12,392.21	WELL TYPE OIL	API#M # 15-189-2240	SAP BOMB NUMBER 7521		
WELL LOCATION HUGOTON, KS	DEPARTMENT CEMENT	Description Cement Surface Casing			
LEASE NAME BRECHEISEN	Well No. B-1	SEC / TWP / RNS 33-34S-38W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS		

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
EVANS, J 212723	15	RODRIGUEZ, S 230014	15	
WHITE, L 232712	15			
DUXBURY, C 240187	15			
Ferguson, R 106154	15			

HES UNIT #S / (R/T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
422207	60	NOV 30 2001		
10251403	60			
10240236-10240245	12			
54225-6611	12	CONFIDENTIAL		

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
	09/13/2001	09/13/2001	09/13/2001	09/13/2001
Time	0430	0830	1330	1445

Tools and Accessories

Type and Size	Qty	Make
INSERT	1	HOWCO
Float Shoe		
Centralizers		
Top Plug	1	
HEAD	1	
Limit clamp		
Weld-A	2	
Guide Shoe	1	
BTM PLUG		

Well Data

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	48.0	13 3/8	0	717	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						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		

Hours On Location

Date	Hours	Date	Hours
9/13	6.0	9/13	1.5
Total	6.0	Total	1.5

Description of Job
SEE JOB LOG

CIRC CMT

Ordered	Hydraulic Horsepower	Used
Treating	Average Rates in BPM	Overall
Feet	Cement Left in Pipe	Reason
45		SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	220	P+ MIDCON	BULK	3% CC, .1% FWCA, 1/4# POLYFLAKE	17.89	2.92	11.40
2	200	PP	BULK	2% CC, 1/8# POLYFLAKE	6.30	1.34	14.8

Summary

Circulating Breakdown _____ Displacement MAXIMUM _____ Preflush: BBI _____ Load & Bkdn: Gal - BBI _____ Type: _____ Pad: Bbl - Gal _____


Average Shut In: Instant _____ Frac. Gradient 5 Min. _____ 15 Min. _____ Treatment: Gal - BBI _____ Cement Slurry BBI _____ Total Volume BBI _____ #VALUE!

Disp: Bbl 105.00

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE *Kenny Parks* SIGNATURE

DEC 10 2003
 From
 Confidential

CONFIDENTIAL ORIGINAL

 HALLIBURTON		JOB LOG		TICKET # 1507385	TICKET DATE 09/13/01
REGION NORTH AMERICA LAND		NWA / COUNTRY USA		BDA / STATE KS	COUNTRY STEVENS
MCLID / EMPL # MCLI 0113 212723		H.E.S. EMPLOYEE NAME JERRAKO EVANS		PSL DEPARTMENT Cementing Services	
LOCATION HUGOTON, KS		COMPANY ANADARKO PETRO CORP		CUSTOMER REP / PHONE KENNY PARKS	
TICKET AMOUNT \$12,392.21		WELL TYPE OIL		AP/UMI # 15-189-2240	
WELL LOCATION HUGOTON, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME BRECHEISEN		Well No. B-1	SEC / TWP / RNG 33-34S-38W	RES FACILITY (CLOSEST TO WELL #) 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)	HRS
EVANS, J 212723	1.5	RODRIGUEZ, S 230014	1.5				
WHITE, L 232712	1.5			NOV 30 2001			
DUXBURY, C 240187	1.5			CONFIDENTIAL			
Ferguson, R 106154	1.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	0830							ON LOCATION
	0840							SAFETY MEETING
	0850							SET UP TRUCKS
	1130							RUN FE
	1300							CIRC. RECEIVED
	1330					1500		TEST LINES DEC 07 2001
	1340	6.0	114.0					PUMP LEAD AUG WICHITA
	1400	6.0	48.0					PUMP TAIL
	1410							DROP PLUG
	1411	6.0	106.0					DISP
	1440					800		BUMP PLUG
								CIRC CMT TO PIT ✓
								THANKS FOR CALLING HALLIBURTON

Release
DEC 10 2003
From
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JOB SUMMARY

SALES ORDER NUMBER 1510077	TICKET DATE 09/15/01
BDA / STATE KS	COUNTY STEVENS
PSL DEPARTMENT Cementing Services	
CUSTOMER REP / PHONE KENNY PARKS	
APU/AMI #	
SAP BOMB NUMBER 7521	Description Cement Surface Casing
WELL FACILITY (CLOSEST TO WELL SITE) LIBERAL	

REGION NORTH AMERICA LAND	NWA / COUNTRY MID CONTINENT USA
MBU ID / EMPL # MCLI0110 106328	H.E.S. EMPLOYEE NAME NICK KORBE
LOCATION LIBERAL	COMPANY ANADARKO PET. CORP.
TICKET AMOUNT \$12,778.11	WELL TYPE OIL
WELL LOCATION SW OF HUGOTON	DEPARTMENT CEMENT
LEASE NAME BRECHEISEN	Well No. B-1
	SEC / TWP / RNG 33-34S-38W

ORIGINAL

CONFIDENTIAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Korbe, N 106328	6.0			
King, K 105742	6.0			
MIKE SPANGLER	5.0			
SAUL RODRIGUIZ	5.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421270	60			
54218//78202	60	NOV 30 2001		
54029//10286731	40			
54225//75821	40			

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

Date	Called Out 09/14/2001	On Location 09/15/2001	Job Started 09/15/2001	Job Completed 09/15/2001
Time	2330	0230	0600	0700

Tools and Accessories

Type and Size	8 5/8	Qty	Make
Float Collar	INSERT	1	HALCO
Float Shoe			
Centralizers	S-4	4	HALCO
Top Plug	5-W	1	HALCO
HEAD			
Limit clamp			
Weld-A		1	HALCO
Guide Shoe	EXAS PATTEN	1	HALCO
BTM PLUG			

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24.0	8 5/8		0	1,732	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							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		

Hours On Location

Date	Hours	Date	Hours
9/15	6.0	9/15	1.0
Total	6.0	Total	1.0

Ordered _____ Hydraulic Horsepower _____ Used _____
 Treating _____ Average Rates in BPM _____ Overall _____
 Feet 46 _____ Cement Left in Pipe _____ Reason _____ SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
LEAD	335	MIDCON C	BULK	3%CC, .1%FWCA, 1/4# POLYFLAKE	17.89	2.92	11.40
TAIL	100	PREMIUM PLUS	BULK	2%CC, 1/8#POLYFLAKE	6.30	1.34	14.8

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	
	15 Min.	Total Volume	BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE *Kenny Parks* SIGNATURE

DEC 10 2003
 From
 Confidential



JOB SUMMARY

SALES ORDER NUMBER 1536026	TICKET DATE 09/25/01
BDA / STATE KS	COUNTY STEVENS
PSL DEPARTMENT Cementing Services	CUSTOMER REP / PHONE FRED CRESS
API/WI # 15-189-22400	DESCRIPTION Cement Production Casing
SAP BOMB NUMBER 7523	NEAREST FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS

REGION NORTH AMERICA LAND	NWA / COUNTRY USA
MBU ID / EMPL # MCLI 0113 212723	H.E.S. EMPLOYEE NAME JERRAKO EVANS
LOCATION HUGOTON	COMPANY ANADARKO PET.
TICKET AMOUNT \$10,415.11	WELL TYPE OIL
WELL LOCATION HUGOTON	DEPARTMENT CEMENT
LEASE NAME BRECHISEN	Well No. B-1
	SEC / TWP / RNG 33-34S-38W

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
EVANS, J 212723	2.0			
Clemens, A 198516	2.0			
J. RORAS	2.0			

KCC

NOV 30 2001

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421269	60			
10251403	60			
10243558/75818	12			

CONFIDENTIAL

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
	09/25/2001	09/25/2001	09/26/2001	09/26/2001
Time	1800	2100	0330	0520

Tools and Accessories

Type and Size	Qty	Make
Float Collar		HES
Float Shoe		
Centralizers	11	
Top Plug	1	
HEAD	1	
Limit clamp		
Weld-A	1	
Guide Shoe	1	
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	N	15.5	5 1/2		0	6,750	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole							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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	SEE JOB LOG
9/25	7.0	9/26	2.0	
Total	7.0	Total	2.0	

RECEIVED
 DEC 07 2001
 KCC WICHITA

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
Feet 42	Disp.	
	Cement Left in Pipe	
	Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	25	50/50 POZ H	BULK	10% SALT, .75 HALAD 322, 1/8# POLY FLAKE	41.14	6.18	10.00
2	275	50/50 POZ H	BULK	10% SALT, .75 HALAD 322, 1/8# POLY FLAKE	5.66	1.28	14.4

Summary

Circulating Breakdown _____ Displacement _____ Preflush: BBI 5.00 Type: H2O
 _____ MAXIMUM _____ Load & Bkdn: Gal - BBI Pad: Bbl - Gal _____
 _____ _____ _____ _____
 Average _____ Frac. Gradient _____ Treatment: Gal - BBI _____
 Shut In: Instant _____ 5 Min. _____ 15 Min. _____ Cement Slurry BBI _____
 _____ Total Volume BBI _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____
 From _____
 CONFIDENTIAL

