

*PPA
020401*

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4549

Name: Anadarko Petroleum Corporation

Address 1201 Lake Robbins Drive

City/State/Zip The Woodlands, TX 77380

Purchaser: _____

Operator Contact Person: Jerry N. Blossom

Phone (832) 636-3128

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: _____

Designate Type of Completion _____

New Well Re-Entry SWD SIOW Temp. Abd.
 Oil ENHR SIGW
 Gas Other (Core, WSW, Expl., Cathodic, etc.)
 Dry

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. _____

3/23/04 3/31/04 5/14/04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API NO. 15- 081-21518 - 0000

County Haskell

SW - SW - SW - SW Sec. 3 Twp. 29 S. R. 34 E W

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

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

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name Eubank North Unit Well # 12-1

Field Name Eubank

Producing Formation Chester

Elevation: Ground 2988' Kelley Bushing 2995'

Total Depth 5710 Plug Back Total Depth 5672'

Amount of Surface Pipe Set and Cemented at 1808 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 ALT# 1 KGR 6/12/07
(Data must be collected from the Reserve Pit)

Chloride content 1250 ppm Fluid volume 750 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ 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 Jerry N. Blossom

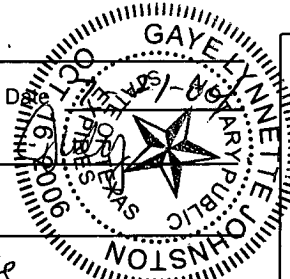
Title Staff Envir. & Regulatory Analyst

Subscribed and sworn to before me this 21 day of _____

20 06

Notary Public [Signature]

Date Commission Expires 10-16-2006



KCC Office Use ONLY

No Letter of Confidentiality Attached
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

Side Two

Operator Name Anadarko Petroleum Corporation

Lease Name Eubank North Unit

Well # 12-1

Sec. 3 Twp. 29 S.R. 34 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.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E.Logs Run:

Gamma Ray; Compensated Neutron/Litho-Density/Gamma Ray; Array Induction/SP/Gamma Ray

Name	Formation (Top), Depth and Datums	
	Top	Datum
Chase	2497'	491'
Council Grove	2787'	201'
Marmaton	4648'	-1660
Morrow	5147'	-2159'
Chester	5369'	-2381'

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"	22.8	1808'	Midcon/Prem	575	2-3%CC
Production	7-7/8"	5-1/2"	15.5	5710'	50/50 POZ	160	5%KCL; .5% HAL

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
Perforate					
Protect Casing					
Plug Back TD					
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	5370-5385; 5409-5415; 5434-5438; 5440-5441	6250 gal FeHCl	5370'
2	5570' -5571'	Squeezed with 60 sxs Prem H cement	

TUBING RECORD	Size <u>2-7/8"</u>	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>6/4/04</u>	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. <u>1</u>	Gas Mcf <u>5</u>	Water Bbls. <u>26</u>	Gas-Oil Ratio <u>5000</u>	Gravity <u>36.5</u>
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

HALLIBURTON JOB SUMMARY

REGION Central Operations		INVA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks		COUNTY HASKELL	
MBU ID / EMPL # MCL / IO104		H.E.S. EMPLOYEE NAME JOHN WOODROW		PSL DEPARTMENT Cement			
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP		CUSTOMER REP / PHONE 30 STEVE RIDENOUR			
TICKET AMOUNT \$6,860.03		WELL TYPE 01 OIL		API/WI #			
WELL LOCATION SUBLETTE,KS.		DEPARTMENT CEMENT		SAP BOMB NUMBER 7526		Squeeze Job	
LEASE NAME ENU		Well No. 12-1		SEC / TWP / RING 3 - 29S - 34W		HES FACILITY (CLOSEST TO WELL SITE) LIBERAL,KS.	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Woodrow, J 105848	4.0	Kilbourne, T 298801	3.0	
Smith, B 106036	4.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415641	90	10010748 / 10011591	35	
10011407 / 10011306	90			

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
	5/5/2004	5/5/2004	5/5/2004	5/5/2004
Time	0500	0730	0935	1115

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	15.5	5 1/2		KB		
Liner							
Liner							
Tubing			2 7/8"		KB	5,540	
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
5/5	4.0
Total	4.0

Operating Hours

Date	Hours
5/5	2.0
Total	2.0

Description of Job
Squeeze Job

SEE JOB LOG

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JUL 22 2004

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

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	60	PREMIUM H		NEAT	5.20	1.18	15.60
2							
3							
4							

Summary

Circulating _____	Displacement _____	Preflush: BBI _____	Type: _____
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad:Bbl -Gal _____
Lost Returns-Y _____	Lost Returns-N _____	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 _____	12.0
	15 Min. _____	Total Volume BBI _____	39.00

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE Steve Ridenour SIGNATURE

HALLIBURTON JOB LOG		TICKET # 3061282	TICKET DATE 05/05/04
REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY HASKELL
MBU ID / EMPL # MCL / IO104	H.E.S EMPLOYEE NAME JOHN WOODROW	PBL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORP	CUSTOMER REP / PHONE STEVE RIDENOUR	
TICKET AMOUNT \$6,860.03	WELL TYPE 01 Oil	API/UWI #	
WELL LOCATION SUBLETTE,KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Squeeze Job	
LEASE NAME ENU	Well No. 12-1	SEC / TWP / RNG 3 - 29S - 34W	
		HES 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
Woodrow, J 105848		Kilbourne, T 298801					
Smith, B 106036							

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate (GAL)	Press. (PSI)		Job Description / Remarks
					C9G	Tbg	
	0900						JOB READY
	0500						CALLED OUT FOR JOB
	0730						PUMP TRUCK ON LOCATION / PRE JOB SITE ASSESMENT
	0745						SPOT EQUIP. / RIG UP / RETAINER SET @ 5540 FT.
							HOOK UP TO 2 7/8 TBG. & ANNULUS
	0935	2.0	5.0			900-300	LOAD TBG. / PRESSURE UP TO 900#/ BREAKING BACK
	0938	2.0					TAKE INJECTION RATE / 2 BPM @ 300#
							HAVE NO BLOW ON 5 1/2
			10.0				SWITCH OVER TO ANNULUS
	0942		9.0			900	LOAD ANNULUS / PRESSURE UP TO 900# /
							WAIT ON ORDERS
	1018	2.5	32.0			350	PUMP TBG. CAPACITY
	1030		12.5				START MIXING 60 SKS CMT. @ 16#/GAL
	1035						CLEAN PUMP & LINES
	1038	2.5					START DISPLACING
	1050		22.0				HAVE 22 BBLs. OUT / SHUT PUMP DOWN / ON VACCUUM
	1050		24.0				HAVE 24 BBLs. OUT / NOT ON VACCUUM
		0.5				0-250	MOVE CMT.
			25.0			1400-760	HAVE 25 BBLs. OUT / PRESSURE UP TO 1400#/ BROKE BACK
	1058		27.0			1600	HAVE 27 BBLs. OUT / SQUEEZED TO 1600#
	1100	2.0				680	STING OUT / REVERSE OUT
							GOT 5 BBLs. CMT. BACK
							THANK YOU FOR CALLING HALLIBURTON !!!
							(WOODY & CREW)



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JUL 22 2004

CONSERVATION DIVISION
WICHITA, KS

LIBURTON JOB SUMMARY

REGION Central Operations		NWA / COUNTRY Mid Contitnent/USA		BDA / STATE MC/Ks		COUNTY HASKELL	
MBU ID / EMPL # MCL / IO104		H.E.S. EMPLOYEE NAME JOHN WOODROW		PBL DEPARTMENT Cement			
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP		CUSTOMER REP / PHONE 30 KENNY PARKS		629-5136	
TICKET AMOUNT \$9,412.12		WELL TYPE 01 Oil		API/UWI #			
WELL LOCATION SUBLETTE,KS.		DEPARTMENT CEMENT		SAP BOMB NUMBER 7523		Cement Production Casing	
LEASE NAME ENU		Well No. 12-1		SEC / TWP / RING 3 - 29S - 34W		HES FACILITY (CLOSEST TO WELL SITE) LIBERAL,KS.	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Woodrow, J 105848	6.0	Ferguson, R 106154	6.0	
Oliphant, C 243055	6.0			

H.E.S. UNIT #S / (R/T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415641	90	35		
10011407 / 10011306	90			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **5713**

Date	Called Out	On Location	Job Started	Job Completed
	3/31/2004	4/1/2004	4/1/2004	4/1/2004
Time	2200	0130	0545	0630

Tools and Accessories

Type and Size	Qty	Make
Float Collar SS II 5 1/2	1	H
Float Shoe		
Centralizers REG 5 1/2	10	A
Top Plug 5-W 5 1/2	1	
HEAD Q/L 5 1/2	1	L
Limit clamp	1	
Weld-A		C
Guide Shoe REG 5 1/2	1	
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New/Used	15.5	5 1/2		KB	5,723	
Liner							
Liner							
Tubing							
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	Qty.
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours
4/1	6.0
Total	6.0

Operating Hours

Date	Hours
4/1	2.0
Total	2.0

Description of Job

Cement Production Casing

SEE JOB LOG

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JUL 22 2004

Conservation Division

WICHITA, KS

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
Feet 37	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 PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	33.84	5.22	10.00
2	110	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	7.43	1.62	13.20
3	25	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	7.43	1.62	13.20
4							

Summary

Circulating	Displacement	Preflush: BBI	10.00	Type: FRESH WATER
Breakdown	MAXIMUM	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal
Lost Returns	Lost Returns-N	Excess /Return BBI		Calc.Disp Bbl
Cmt Rtm#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	54.0	135.00
		Total Volume BBI	199.00	

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE *Kenny Parks*

HALLIBURTON JOB LOG		TICKET # 3007115	TICKET DATE 04/01/04
REGION Central Operations	NWA / COUNTRY Mid Contitrent/USA	BDA / STATE MC/Ks	COUNTY HASKELL
MBU ID / EMPL # MCL / IO104	H.E.S EMPLOYEE NAME JOHN WOODROW	P6L DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORP	CUSTOMER REP / PHONE KENNY PARKS 629-5136	
TICKET AMOUNT \$9,412.12	WELL TYPE 01 Oil	API/MI #	
WELL LOCATION SUBLETTE,KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Production Casing	
LEASE NAME ENU	Well No. 12-1	REC / TWP / RNG 3 - 29S - 34W	
		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
Woodrow, J 105848	6	Ferguson, R 106154	6				
Olliphant, C 243055	6						

Chart No.	Time	Rate (BPM)	volume (BBL/GAL)	Rate			Job Description / Remarks
				N2	CSG.	Tbg	
4/01/04	0200						JOB READY
3/29/04	2200						CALLED OUT FOR JOB
	0130						PUMP TRUCK & BULK CMT. ON LOCATION
	0145						PRE JOB SITE ASSESMENT / SPOT EQUIP. / RIG UP
	0215						HOLD PRE JOB SAFETY MEETING
	0230						START RUNNING 5 1/2 CASING & FLOAT EQUIP.
							CASING ON BOTTOM (5723 FT.)
	0450						HOOK UP 5 1/2 P/C & CIRCULATING IRON
	0500						START CIRCULATING WITH RIG PUMP
	0545		6.0				PLUG RH & MH WITH 25 SKS CMT
	0550						THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK
							(JOB PROCEDURE)
	0556					2800	TEST PUMP & LINES
	0558	6.0	10.0				PUMP FRESH WATER SPACER
	0600	6.0	23.0			200	MIX 25 SKS LEAD CMT. @ 10#/GAL
	0605	6.0	31.0			200	MIX 110 SKS CMT. @ 13.2#/GAL
	0612						CLEAN PUMP & LINES
	0608	6.0				60	START DISPLACING WITH 2% CLAFIX TREATED WATER
	0640		125.0				HAVE 125 BBLs. OUT / SLOW RATE TO 3 BPM
	0645					650	MAX LIFT PRESSURE BEFORE LANDING PLUG
	0645		135.0			2000	PLUG DOWN / RELEASE FLOAT
							FLOAT HELD
							THANK YOU FOR CALLING HALLIBURTON !!!
							(WOODY & CREW)



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JUL 22 2004

CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 2991254	TICKET DATE 03/24/04
CABU ID / EMPL # MCLIO103 106304	H.E.S. EMPLOYEE NAME Kirby Harper	BDA / STATE MC/Ks	COUNTY HASKELL
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM CORP	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE KENNY PARKS 620-629-5136
TICKET AMOUNT \$14,472.60	WELL TYPE 02 Gas	API/WMI #	SAP BOMB NUMBER 7521
WELL LOCATION N.W. OF SUBLETTE, KS	DEPARTMENT CEMENT	Cement Surface Casing	
LEASE NAME ENU	Well No. 12-1	SEC / TWP / RNG 3 - 29S - 34W	HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks.

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Harper, K 241985	4.5			
Wille D. 225409	4.5			
Howard, A.J. 285427	3.5			
Beruman, E 267804	3.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	90			
10010752-10011276	35			
54029-10011277	35			

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
	3/24/2004	3/24/2004	3/24/2004	3/25/2004
Time	1800	2000	2400	0130

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT/FILL	1	HOWCO
Float Shoe		
Centralizers 8 5/8X12 1/4	1	HOWCO
Top Plug 8 5/8	1	HOWCO
HEAD 8 5/8	1	HOWCO
Limit clamp 8 5/8	1	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	24.0	8 5/8"	0	1,820	
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole			12 1/4"		1,808	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
3/24	4.5
Total	4.5

Operating Hours

Date	Hours
3/25	1.5
Total	1.5

Description of Job

Cement Surface Casing

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JUL 22 2004

CONSERVATION DIVISION

WICHITA, KS

Hydraulic Horsepower

Ordered _____ Avail. _____ Used _____

Average Rates in BPM

Treating _____ Disp. _____ Overall _____

Cement Left in Pipe

Feet 44 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	425	MIDCON C		3% CC - 1/2# FLOCELE - .1% FWCA	17.98	2.94	11.40
2	150	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-) _____	Lost Returns-) _____	Excess /Return BBI _____	Calc. Disp Bbl _____
Cmt Rtn#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 _____	258.3
		Total Volume BBI _____	372.34

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

