

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

RECEIVED

Form ACO-1
September 1999
Form Must Be Typed

JUL 10 2006

CONSERVATION DIVISION
WICHITA, KS

Operator: License # 32446
Name: Merit Energy Company
Address: 13727 Noel Road, Suite 500
City/State/Zip: Dallas, TX 75240
Purchaser: _____
Operator Contact Person: Elizabeth Lyon
Phone: (972) 628-1659
Contractor: Name: Beredco Drilling Company
License: 5147
Wellsite Geologist: _____
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____
12/17/2005 1-10-06 3-28-06
Spud Date or 101/10/2006 3-28-06
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 129-21768
County: Wichita
NE NE Sec. 4 Twp. 33 S. R. 40 East West
730 feet from S / (circle one) Line of Section
515 feet from (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Stirrup Enhanced Recovery Unit Well #: 14-2
Field Name: Stirrup
Producing Formation: Morrow "D"
Elevation: Ground: 3290 Kelly Bushing: 3303
Total Depth: 5478 Plug Back Total Depth: 5414
Amount of Surface Pipe Set and Cemented at 1535 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
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ 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.: _____

ORIGINAL

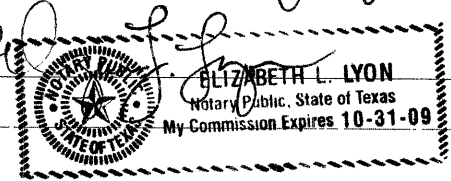
ORIGINAL

Act I WTHM 7-10-06

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: [Signature]
Title: Senior Regulatory Analyst Date: 06 July 06
Subscribed and sworn to before me this 06 day of July,
20 06.
Notary Public: [Signature]
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Merit Energy Company Lease Name: Stirrup Enhanced Recovery Unit Well #: 14-2
 Sec. 4 Twp. 33 S. R. 40 East West County: Morton

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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Council Grove 2566
 Admire 2794
 Wabunsee 2998
 Base Heebner 3740
 Tornoto 3752
 Lansing 3858
 Kansas City 4224
 Marmaton 4530
 Morrow 5146

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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#	1555	MC/PP + PP	475-150	2%cc, 1%FWCA 1/2pps FC, 2%cc 1/4PPS FC
Production	7 7/8"	5 1/2"	15.5#	5470	50/50 + PP	210/230	5%KCL, 5% Cal Seal, 6% Gilsonite, .5% Halacl2, 2%cc, 1% FWCA

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	5314-5350		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	5228		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
03/18/2006 5 10-66		<input checked="" 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
	41		89		

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

JUL 10 2006

HALLIBURTON JOB LOG		CONSERVATION DIVISION	TICKET # 4115572	TICKET DATE 12/19/05
REGION Central Operations	INVA / COUNTRY Mid Continent/USA	WICHITA, KS	BDA / STATE MC/Ks	COUNTY MORTON
MBU ID / EMPL # MCIL 0110 / 198516	H.E.B EMPLOYEE NAME JASON CLEMENS		PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY MERIT ENERGY CO		CUSTOMER REP / PHONE DWAIN COOK 806-228-1500	
TICKET AMOUNT \$27,529.72	WELL TYPE 01 Oil		APPLANT #	
WELL LOCATION ROLLA	DEPARTMENT ZI		JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME SERU	Well No. 14-2	SEC / TWP / R/W	RES FACILITY (CLOSEST TO WELL) LIBERAL, KS	

RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Clemens, A 198516	45				
Baray, V 242219	45				
Chavez, E 3478815	45				
Ferguson, R 106154	45				

Chart No.	Time	Rate (BPM)	Volume (GAL)	Rate		Press.(PSI)		Job Description / Remarks
				R2	CEG	Tbq		
12-19-05	1200							CALLLED FOR JOB
	1530							ARRIVE ON LOCATION
	1545							PRE-JOB SAFTEY MEETING
	1600							SPOT EQUIPMENT.
12-20-05	0130							START CASING
	0430							CASING ON BOTTOM, CIRCULATE W/ RIG
	0508					2200		PRESSURE TEST
	0511	6.5	0-249			0-100		START LEAD 475 SKS (MIDGON PP) MIXED @ 11.4#
	0547	6.5	0-36			100-135		START TAIL 160 SKS (PREM PLUS) MIXED @ 14.8#
	0553	6.0	285.0			100		END CEMENT /// DROP PLUG
	0554	3.0	0-96			0-75		START DISPLACEMENT
	0608	3.0	86.0			400-300		SLOW RATE
	0613	3.0	96.0			400-900		LAND PLUG /// FLOAT HELD
	0615							END JOB
								CIRCULATED CEMENT
					400			PRESSURE BEFORE LANDING PLUG

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HALLIBURTON JO SUMMARY

REGION Central Operations	COUNTRY Continent/USA	SALES ORDER NUMBER 738	TICKET DATE 01/11/06
WELL ID / EMPL # MCLIO103 106304	WELL'S EMPLOYER NAME DAN WILLE #225409	BDA / STA MC/K	COUNTY MORTON
LOCATION LIBERAL	COMPANY MERIT ENERGY CO	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE HARRY KIRKMAN 806-672-1018
TICKET AMOUNT \$31,298.00	WELL TYPE 02 Gas	APL/UM # #14-2	CAP SOMB NUMBER 7523
WELL LOCATION LAND N. OF ROLLA, KS.	DEPARTMENT CEMENT	WELL FACILITY (CLOSEST TO WELL SITE) Liberal Ks.	
LEASE NAME SERU	Well No. 14-2	SEC / TWP / R/MG	

HEB EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	R / T MILES	R / T MILES	R / T MILES
Willa D. 225409	22.8			
Clements, T. 344233	22.8			
Smith, B - 106083	22.8			
Beruman, E 287804	8.0			

HEB UNIT #9 / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10251401	100			
10011406-10011591	50			
10244148-10296731	50			

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

Date	Called Out	On Location	Job Started	Job Completed
	1/11/2006	1/11/2006	1/12/2006	1/12/2006

Time 1530 **ORIGINAL** 1050 1702

Type and Size	Qty	Make
Float Collar SS II	1	HALCO
Float Shoe SS II	1	HALCO
Centralizers S-4	20	HALCO
Top Plug DV SET	1	HALCO
HEAD DO801	1	HALCO
Limit clamp	1	HALCO
Weld-A	1	HALCO
Guide Shoe BASKET	1	HALCO
BTM PLUG		

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	15.5#	5 1/2		0	5,473	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			1 1/8				Shots/Ft.
Perforations							
Perforations							
Perforations							

Material	Density	Lb/Gal
Mud Type		
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	
Peripac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/11				Cement Production Casing
Total		Total		

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 CONSERVATION DIVISION
 WICHITA, KS

Ordered	Hydraulic Horsepower Avail	Used
Treating	Average Rates in BPM Disp	Overall
Feet	Cement Left in Pipe Reason	SHOE JOINT
40		

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	30	50/50 POZ PP		6% KCL - 5% CALSEAL - 6% GILSONITE - 5% HALAD-322 -	32.58	6.11	10.00
2	180	50/50 POZ PP		6% KCL - 5% CALSEAL - 6% GILSONITE - 5% HALAD-322 -	7.01	1.91	13.28
3	130	MIDCON PP		2% GC - 5% FLOCELE - 1% FWCA	18.08	2.94	11.40
4	100	PREM PLUS		2% GC - 2% FLOCELE	6.36	1.36	14.80

Summary		
Circulating Breakdown	Displacement MAXIMUM	Preflush: BBI
Lost Returns -)	Lost Returns -)	Load & Bkdn: Gal - BBI
Cmt Rtn#BBI	Actual TOC	Excess /Return BBI
Average Shut In: Instant	Frac. Gradient 5 Min. 15 Min.	Calc. TOC: _____
		Treatment: Gal - BBI
		Cement Slurry BBI
		Total Volume BBI
		171.0
		363.46

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

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HALLIBURTON JOB LOG				TICKET #		TICKET DATE	
Central Operations				4157738		01/11/06	
REGION		AREA / COUNTRY		BDA / STATE		COUNTY	
Mid Continent/USA		MC/Ks		MORTON			
MIDU ID / EMPL #		H.E.S. EMPLOYEE NAME		FEL DEPARTMENT			
MCL0103 106304		DAN WILLE		Cement			
LOCATION		COMPANY		CUSTOMER REP / PHONE			
LIBERAL		MERIT ENERGY CO		HARRY KIRKMAN 806-672-1018			
CUREY AMOUNT		WELL TYPE		APPOINT #			
\$31,298.00		02 Gas		#14-2			
WELL LOCATION		DEPARTMENT		JOB PURPOSE CODE			
LAND N. OF ROLLA, KS.		CEMENT		Cement Production Casing			
LEASE NAME		SECT / TRAP / RING		HES FACILITY (CLOSEST TO WELL #)			
SERU		Well No. 14-2		Liberal Ks.			
HRS EMP NAME/EMP # (EXPOSURE HOURS)		HRS EMP NAME/EMP # (EXPOSURE HOURS)		HRS EMP NAME/EMP # (EXPOSURE HOURS)		HRS	
Wille D. 225409		Clemente, T. 344233		Smith, B - 106063		Beruman, E 297804	
22		18		22		0	
Chart No.	Time	Rate (GPM)	Volume (BBL)	Rate (GPM)	Press. (PSI)	Job Description / Remarks	
	1530					CALLED OUT	
	1630					PRETRIP AND SAFETY MEETING	
	1900					ON LOCATION	
	1900					RIG PULLING DRILL PIPE	
	1900					ASSESS LOCATION	
	0230					SPOT AND RIG UP EQUIPMENT	
	0700					STAB DV TOOL	
	0946					STAB CMT HEAD RIG CIRCULATES	
	1030					PREJOB AND SAFETY MEETING	
	1040					SWITCH CASING OVER TO PUMP TRUCK	
	1050					PRESSURE TEST TO 3500 PSI	
	1054	6.5	27BBL		300	PUMP 30SK OF 10# SCAVANGER CEMENT	
	1059	7.0	52BBL		250	PUMP 180SK OF 13.2# TAIL CEMENT	
	1107					SHUT DOWN WASH LINES DROP 1ST STAGE PLUG	
	1112	7.0	129.3B		100	PUMP DISPLACE:70 BBL H2O, 69.32 BBL MUD	
	1121	3.0	129.3B		25	SLOW RATE 60-70 BBL INTO THREW DV TOOL	
	1124	6.5	129.3B		750	DISPLACEMENT REACHES CEMENT	
	1133	2.0	129.3B		600	SLOW RATE LAST 10 BBL	
	1137	2.0	129.3B		1100	BUMP PLUG	
	1143					FLOAT HELD	
	1145					DROP OPENING BOMB	
	1205					OPEN DV TOOL	
	1210					RIG CIRCULATES FOUR HOURS	
	1600					PREJOB AND SAFETY MEETING	
	1610					SWITCH CASING OVER TO PUMP TRUCK	
	1613					PRESSURE TEST TO 2000 PSI	
	1618	7.0	68BBL		200	PUMP 130SK OF 11.4# LEAD CEMENT	
	1627	6.5	24BBL		250	PUMP 100SK OF 14.8# TAIL CEMENT	
	1632					SHUT DOWN WASH LINES DROP 2ND STAGE PLUG	
	1637	7.0	63BBL		100	PUMP FRESH H2O DISPLACEMENT	
	1642	6.0	63BBL		500	DISPLACEMENT REACHES CEMENT	
	1646	2.0	63BBL		500	SLOW RATE LAST 10 BBL	
	1651	2.0	63BBL		1100	BUMP PLUG	
	1701	2.5			1800	CLOSE DV TOOL	
	1702					FLOAT HELD/END JOB	

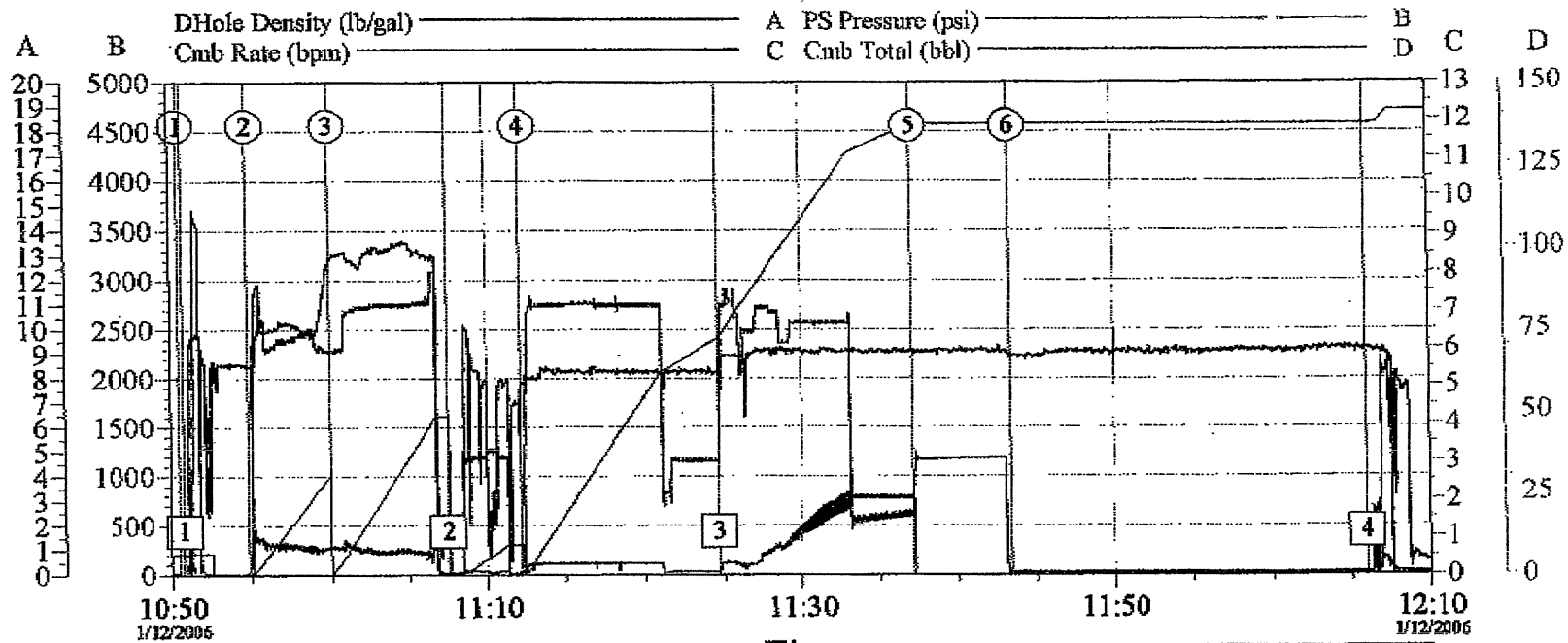
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 WICHITA, KS

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WICHITA, KS

CASING CEMENT REPORT FORM								DATE	1/12/2006
OPERATOR:		MERIT ENERGY						TOOL PUSHER	TRAVIS SOUTHERN
WELL NAME:		SERU #14-2						ID.	5,480
COUNTY & STATE		MORTON, KANSAS						HOLE SIZE	7 7/8
GROUND ELEV:		3280						CSG SIZE	5 1/2
KS ELEV:		3303						CSG COST / FT	9.10
								T. Csg w/threads	5,473.25
CASING DESCRIPTION	JTS	SIZE	WT	GRADE	THREAD	LENGTH	TOP DEPTH	BOTTOM DEPTH	
SUPER SEAL II SHOE		5 1/2			L&TC	1.00	5,469.00	5,470.00	
5 1/2" 15.50# J-55	1	5 1/2	15.50	J-55	L&TC	89.83	5,429.00	5,469.00	
SUPER SEAL II FC		5 1/2			L&TC	1.00	5,429.00	5,429.00	
5 1/2" 15.50# J-55	6	5 1/2	15.50	J-55	L&TC	297.43	5,190.94	5,429.00	
5 1/2" 15.50# J-55	1	5 1/2	15.50	J-55	L&TC	20.00	5,170.94	5,190.94	
5 1/2" 15.50# J-55	41	5 1/2	15.50	J-55	L&TC	1,624.87	3,646.07	5,170.94	
5 1/2" 15.50# J-55	1	5 1/2	15.50	J-55	L&TC	20.00	3,526.07	3,546.07	
5 1/2" 15.50# J-55	22	5 1/2	15.50	J-55	L&TC	870.79	2655.28	3526.07	
DV TOOL		5 1/2			L&TC	3.00	2652.28	2655.28	
5 1/2" 15.50# J-55	67	5 1/2	15.50	J-55	L&TC	2,655.53	0	2652.28	
TOTAL		139			TOTAL	5,473.25			
FLOAT EQUIPMENT		HALLIBURTON SUPER SEAL II SHOE & FC, HALLIBURTON CEMENT BASKET						CASING COST	\$ 49,804.00
								EQUIP. COST	\$ 2,865.00
								CEMENT COST	\$ 28,433.00
								TOTAL JOB COST	\$ 81,102.00
CENTRILIZER DETAIL									
TYPE @	Std. Sew Spring @ #1, 3, 5, 7, 9, 12, 15, 18, 21, 24, 27, 1B, 1, 74, 77, 80, 83, 86, 89, 92, 95, 98 (TOTAL 20 CENT.)								
SPACER/ SLURRY/ DISPLACEMENT									
VOLUME						DENSITY	YIELD	WTR/SKS	
27 BBLS.	SCAV. 50/50 POZ. PREM-PLUS					10	5.11	92.58	
52 BBLS.	TAIL 50/50 PREM-PLUS					13.2	1.18	7.01	
70 BBLS.	DISPL H2O					6.3			
59 BBLS.	DISPL MUD					8.9			
# STAGE									
88 BBLS.	MIDCON-2					11.4	2.94	18.08	
24 BBLS.	TAIL PREM-PLUS					14.8	1.35	6.36	
69 BBLS.	DISPL H2O					8.3			
CIRCULATION/ RETURNS		FULL	FINAL LIFT PSI			PLUG LANDING PSI		1100/1500#	
BBLS/SKS TO SURFACE		0	EST TOP OF CEMENT 1000			FLOATS HELD		yes	
PUMP TIME			MIXING TIME			EST PBTD		642#	
VENDOR	HALLIBURTON	LOCATION		LIBERAL, KN.		PHONE			
CEMENTER	DAN WILLE	SUPERVISOR				PHONE			
VENDOR PERFORMANCE/ COMPANY		Good Job							
TOT. Csg. Del. (MERIDIAN)	NO JTS	140	WT	15.5	GRADE	J55	FTG	5,473.25	COND
Tot. Csg. Transf.	NO JTS		WT		GRADE		FTG		COND
Tot. Csg. Ran	NO JTS		WT		GRADE		FTG		COND
Csg. Returned to stock	NO JTS		WT		GRADE		FTG		COND
Csg. Returned to stock	NO JTS		WT		GRADE		FTG		COND
WELLSITE SUPERVISOR		H. KIRKMAN							

MERIT ENERGY CO 1ST STAGE



Stages		
①	Start Job	10:50:32
②	Pump Lead Cement	10:54:51
③	Pump Tail Cement	10:59:57
④	Pump Displacement	11:12:12
⑤	Bump Plug	11:37:05
⑥	End Job	11:43:23

Event Log		
①	Test Lines	10:50:49
②	Clean Lines	11:07:32
③	Displ Reached Cement	11:24:43
④	Open MSC	12:05:57

Customer: MERIT ENERGY CO	Job Date: 1/12/06	Ticket #: 4157738
Well Description: SERU #14-2	UWI: 5 1/2" TWO STAGE DV PRODUCTION CASING	

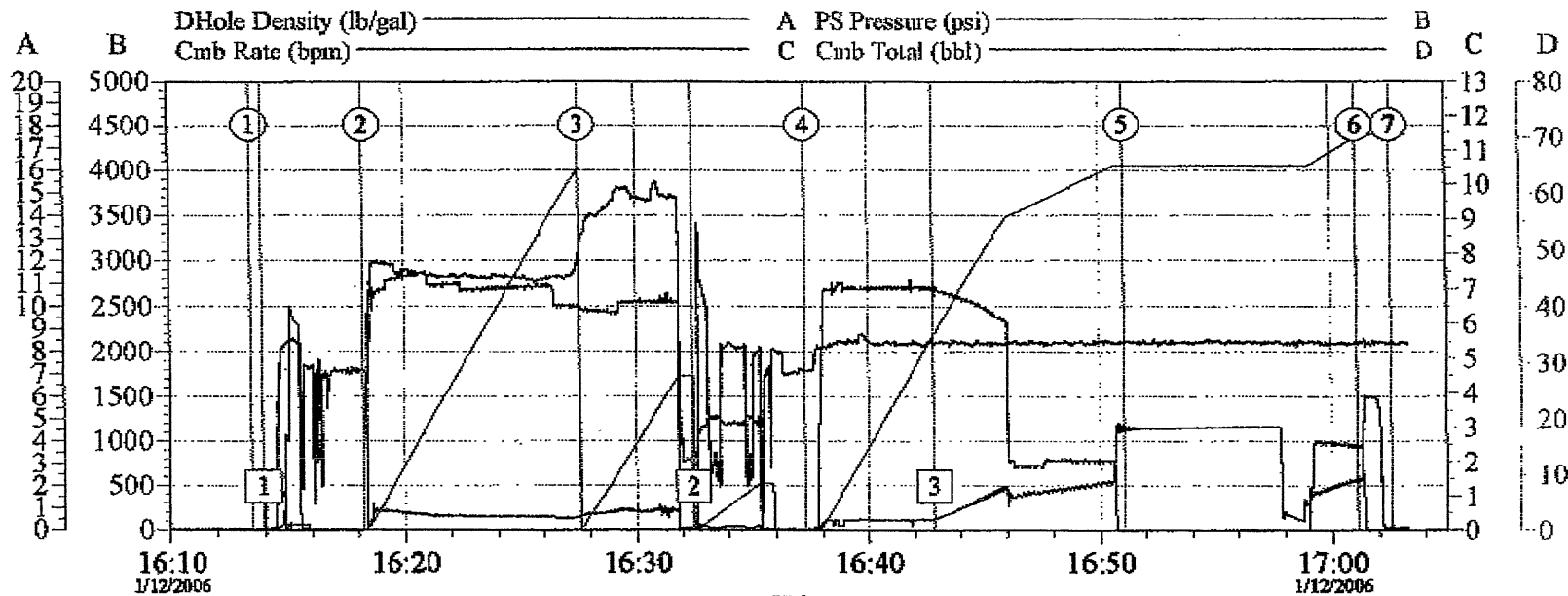
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CONSERVATION DIVISION
 WICHTA, KANSAS

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MERIT ENERGY CO 2ND STAGE



Stages		
①	Start Job	16:13:27
②	Pump Lead Cement	16:18:15
③	Pump Tail Cement	16:27:33
④	Pump Displacement	16:37:16
⑤	Bump Plug	16:51:04
⑥	Bump Plug	17:01:05
⑦	End Job	17:02:33

Event Log		
①	Test Lines	16:13:55
②	Clean Lines	16:32:28
③	Displ Reached Cement	16:42:53

Customer: MERIT ENERGY CO	Job Date: 1/12/06	Ticket #: 4157738
Well Description: SERU #14-2	UWI: 5 1/2" TWO STAGE DV PRODUCTION CASING	

HALLIBURTON
 CemWin v1.4.0
 12-Jan-06 17:03
 WICHITA, KS

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