

Barrett

**PA
21-4**

API Well No.:

30-Mar-00
Garfield

Surface

Customer Representative:

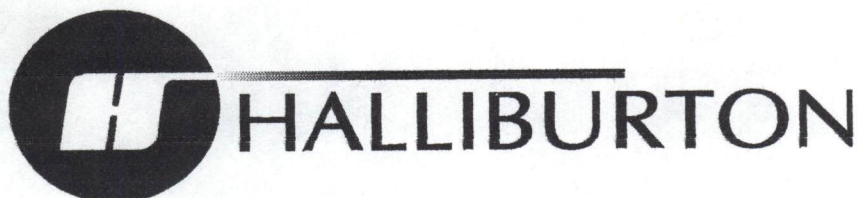
Curt Hurst

Halliburton Operator:

Shane Copps

Ticket No.:

526917



[illegible]

Halliburton		JOE SUMMARY		SAP # / TICKET # 526	TICKET DATE 03/30/00
REGION NORTH AMERICA LAND		NWA / COUNTRY Rocky Mtns.	BDA / STATE Colorado	COUNTY Garfield	
MBU ID / EMPL # GJ0106 122458		H.E.S EMPLOYEE NAME Shane Copps		PSL DEPARTMENT Zonal Isolation	
LOCATION Grand Junction		COMPANY Barrett		CUSTOMER REP / PHONE Curt Hurst	
TICKET AMOUNT \$10,672.22		WELL TYPE 02 Gas		API/UWI #	
WELL LOCATION Parachute		DEPARTMENT Cement Services 10003		SAP BOMB NUMBER 10	Description Surface
LEASE NAME PA		Well No. 21-4	SEC / TWP / RNG		

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Rick Stulg 121413			Gayland Testerman 191467	
			Eddie Leasure 191581	
Shane Copps 122458				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420847				
54035-76112				
51907-5569				
51908-4452				

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
	3/30/00	3/30/00	3/30/00	3/30/00
Time	0800	1100	1616	1710

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug	1	5W
Packer		
DV Tool		
Guide Shoe		
Other		
Other		

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing New	36#	9.5.		Surface	1,635	2,000
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole		14.5.		Surface	1,636	Shots/Ft.
Perforations						
Perforations						
Perforations						

Mud Type	Density	Lb/Gal
Disp. Fluid Water	Density 8.33	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		
Other		

Date	Hours	Date	Hours	Description of Job
3/30	6.0	3/30	1.0	See Job Log
Total	6.0	Total	1.0	

Ordered	Hydraulic Horsepower Avail.	Used
1 ADC unit	Average Rates in BPM	
Treating 6	Disp. 8	Overall 7
Feet 45.00	Cement Left in Pipe Reason	Shoe Joint

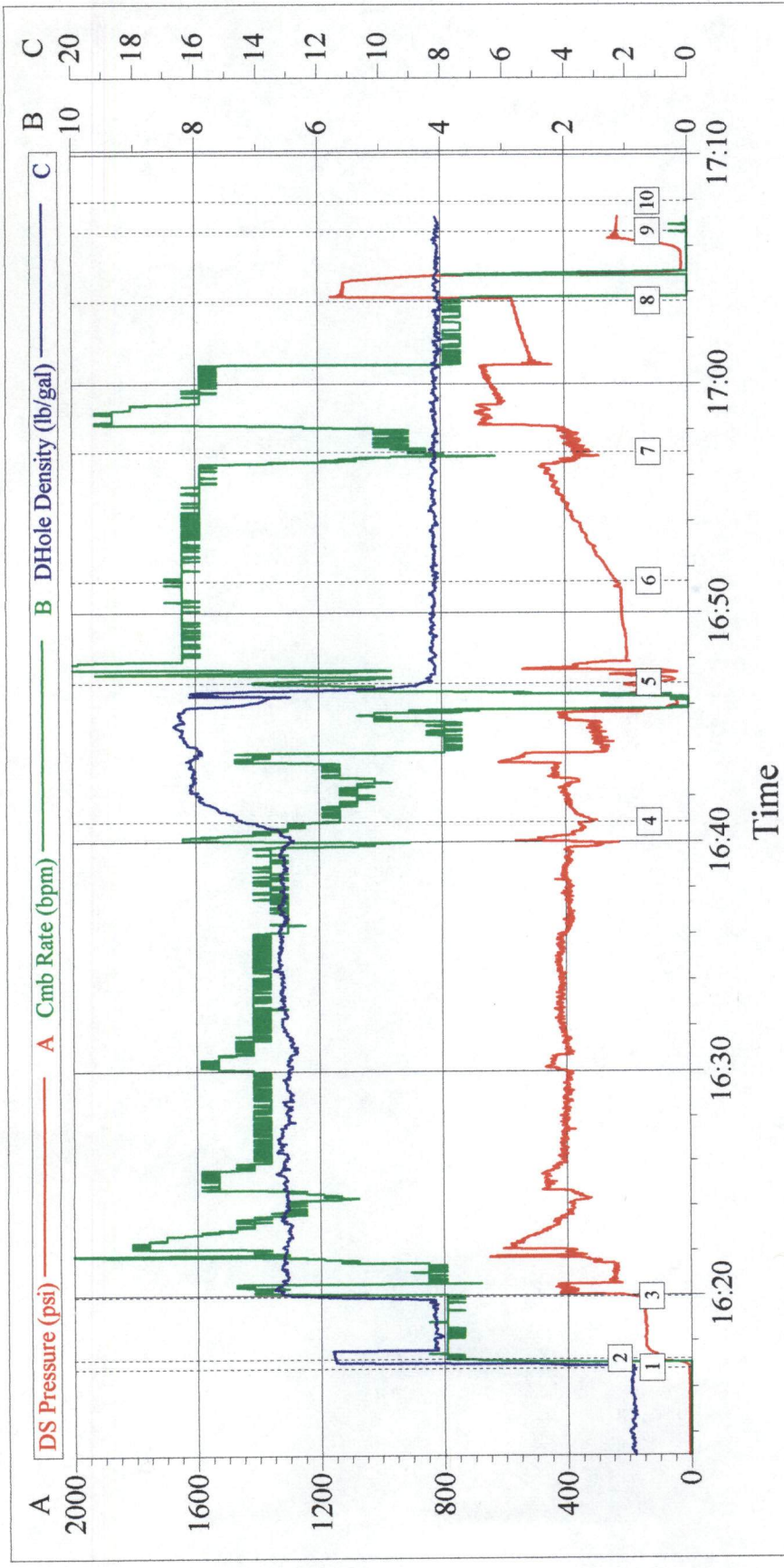
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	555	HLC	B	2%cacI2,.25#/skflocele	8.80	1.69	13.1
2	150	STD.	B	2%cacI2,.25#/skflocele	5.00	1.16	15.8
3			B				

Summary			
Circulating rig Displacement Water Preflush:	Gal - BBI	10	Type: Water
Breakdown Maximum 2,000 Load & Bkdn:	Gal - BBI		Pad:Bbl -Gal
Lost Returns-YES Lost Returns-NO Excess /Return Gal BBI			Calc.Disp Bbl 123
Cmt Rtm#Bbl 43.0 Actual TOC Surface Calc. TOC:			Actual Disp. 124
Average 7 Frac. Gradient Treatment: Gal - BBI			Disp:Bbl-Gal BBL
Shut In: Instant 5 Min. 15 Min. Cement Slurry Gal - BBI			200
	Total Volume Gal - BBI		334

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____



Event Log														
Intersection		PP	DP	Intersection		PP	DP							
1	Start Job	16:16:48	8.076	0.000	2	Pump Spacer 1	16:17:12	107.0	3.682	3	Pump Lead Cement	16:19:56	177.7	3.682
4	Pump Tail Cement	16:40:51	325.1	5.947	5	Pump Displacement	16:46:56	164.7	7.041	6	Displ Reached Cement	16:51:22	235.7	8.213
7	Other	16:57:01	354.3	4.531	8	Bump Plug	17:03:37	562.3	3.682	9	Shut-in Well	17:06:39	227.1	0.000
10	End Job	17:07:58	224.1	0.000										

Customer: Barrett

Well Description: PA 21-4

Job Date: 3-30-00

Stage: Surface

Ticket #: 526917

Operator: Shane Copps

HALLIBURTON

CenWin v1.1.0

30-Mar-00 17:19