

The Road to Excellence Starts with Safety											
Sold To #: 338668			Ship To #: UNKNOWN			Primary Sales Order #: 6250606					
Customer: CHEVRON - MID-CONTINENT EBIZ						Job Purpose: Cement Production Casing					
Well Name: SKR						Well #: 598-36-AV-20			API/UWI #:		
Field: SKINNER RIDGE			City: Parachute			County/Parish: Garfield			State/Prov: Colorado		
Customer Rep: Japp, Ken											
Ordered By: Japp, Ken											
Contractor: H&P 318;											
Rig/Platform Name/Num: H&P 318									Location: Land		
Sales Person: HARTLEY, RICHARD						Status: Pending/Will-Call					
PPE, Safety Huddles, JSA's, HOC & Near Miss Reporting, BBP Observations											
Distance/Mileage(1 way) Srvcs:			60.0 miles			Distance/Mileage(1 way) Mtls:			60.0 miles		
Call Taken By:			JONATHAN TROUT			Call Taken Date/Time:					
HSE Information											
H2S Present:			No			CO2 Present:			No		
Drive Safely. Lights On for Safety. Wear Seat Belts. Observe all HES / Customer Safety Policies.											
Directions: I-70 to Debeque, Turn North on Roan Creek rd and proceed 12.8 miles to Clear Creek Road. Look for Chevron sign and Cowboy Chapel. Turn North on Clear Creek road and travel 4.6 miles to Hiner Gate. Stop and Sign in. Proceed North up the lease road 3.2 miles to locaton.											
Remarks											
Materials: Take 16 Bags Of KCL, Take Polyflake, Red Dye, And Spill Barriers.											
Job Procedures											
Pump 50 Bbls Dyed Polyflake Spacer, Pump Lead Cement, Pump Tail Cement, Shut Down Wash Pump Lines To Pit, Drop Plug, Start KCL Displacement, Slow Rate Last 10 Bbls Prior To Landing Plug.											
Pumping Equipment (Generic)											
Description		Qty	Comments		Description		Qty	Comments			
RCM PUMP TRUCK		1			STEADY FLO TANK		1				
BULK TRUCKS		3			PICK UP TRUCK		1				
Surface Equipment (Generic)											
Description		Qty	Comments		Description		Qty	Comments			
PLUG CONTAINER		1			QUICK-LATCH ATTACHMENT		1				
SWAGE		1									
Job Info / Well Data											
Job Depth (MD) ft	Job Depth (TVD) ft	Max Pressure psig	Well Fluid Type			Well Fluid Weight lbm/gal		Displacement Fluid		Displ Fluid Weight lbm/gal	
6482.0	6482.0		Water Based Mud								
Job Tubulars/Tools											
Description	Size in	Weight lbm/ft	ID in	Thread	Grade	Top MD ft	Btm MD ft	Top TVD ft	Btm TVD ft	Shoe Jnt ft	% Excess
8.625 Surface Casing	8.625	24.	8.097			0.0	1,243.0				
7 7/8 Open Hole Section			7.875			1,243.0	6,482.0				
4.5 Production Casing	4.5	11.6	4.			0.0	6,482.0				
Tie on Connection											
Size: 4 1/2 in		Thread: 8 RD			Type: Casing			Cross Over Required: No			

Materials									
Stage/Plug #: 1									
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
1	Dyed PolyFlake Spacer		50.00	bbl	8.33				
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
2	Lead Cement	VARICEM (TM) CEMENT (452009)	415	sacks	12.8	1.55	7.15		7.67
	7.674 Gal	FRESH WATER Mix-On-Fly to Slurry							
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
3	Tail Cement	VARICEM (TM) CEMENT (452009)	635	sacks	13.2	1.43	6.19		7
Fluid #	Fluid Name	Package/SBM/Material Name	Rqstd Del Qty	UOM	Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Fluid+Liq AddGal/sk
4	KCL Displacement		0.00	bbl					
Caution: Displacement quantities and densities are estimates ONLY! Do not use them for the actual job.									
Sales/Rental/3 rd Party									
SAP #	Description		Qty	Qty uom	Supplier	Comments/ Tech ID #			
101241019	PLUG,CMTG, TOP, 4 1/2, HWE, 3.65 MIN/4.14 MA		1	EA					
139	ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI		1	JOB					
132	PORT. DAS W/CEMWIN; ACQUIRE W/HES, ZI		1	LE					