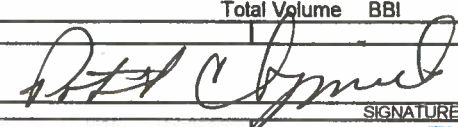


JOB SUMMARY				PROJECT NUMBER TN# 93	TICKET DATE 5/22/2013	
COUNTY Kiowa		COMPANY Chama Oil @ Minerals L.L.C.		CUSTOMER REP Bill Herd / David Waggoner		
LEASE NAME Weimer State		Well No. 16-19-47- #1P	JOB TYPE Whipstock Plug	EMPLOYEE NAME Michael Chalfant		
EMP NAME						
Michael Chalfant		Terry Pickard				
Rory Morris						
Mario Abrego						
Lamont Patterson						
Form. Name _____ Type: _____						
Packer Type _____		Set At _____				
Bottom Hole Temp. _____		Pressure _____				
Retainer Depth _____		Total Depth _____				
Tools and Accessories						
Type and Size	Qty	Make				
Auto Fill Tube	0	IR				
Insert Float Valve	0	IR				
Centralizers	0	IR				
Top Plug	0	IR				
HEAD	0	IR				
Limit clamp	0	IR				
Weld-A	0	IR				
Texas Pattern Guide Shoe	0	IR				
Cement Basket	0	IR				
Well Data						
Date	Called Out 5/23/13	On Location 05/23/13	Job Started 05/23/13	Job Completed 05/25/13		
Time	0900	1330	2200	0100		
	New/Used	Weight	Size	Grade		
Casing		0				
Liner						
Liner						
Tubing						
Drill Pipe						
Open Hole						
Perforations					Shots/Ft.	
Perforations						
Perforations						
Hours On Location		Operating Hours		Description of Job		
Date	Hours	Date	Hours	Whipstock Plug		
05/23/13	36.0	05/23/13	5.0			
Total	36.0	Total	5.0			
Pressures						
MAX		AVG.				
Average Rates in BPM						
MAX		AVG				
Cement Left in Pipe						
Feet		Reason				
Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	100	Class H	NEAT CEMENT, Plug #1 will be set at +/- 6000' rig will circ. 6 hours and tag plug if no plug will set and	5.2	1.18	15.6
2	350	Class H	0.2% C-37, Plug #2 will be set at +/- 5200' or 4500' the co. man will let yo	3.3	.93	17.5
3						
4						
Summary						
Preflush Breakdown	67	Type: MAXIMUM	Preflush: BBI	67.00	Type: MUD WASH	
		Lost Returns-N	Load & Bkdn: Gal - BBI		Pad:Bbl -Gal	
		Actual TOC	Excess /Return BBI	0	Calc.Disp Bbl	
Average		Frac. Gradient	Calc. TOC:		Actual Disp.	187.50
ISIP	5 Min.	10 Min	Treatment: Gal - BBI		Disp:Bbl	
		15 Min	Cement Slurry: BBI	100.0		
			Total Volume BBI	354.50		
CUSTOMER REPRESENTATIVE 						
SIGNATURE						
Thank You For Using O - TEX Pumping						

[illegible]

Job Data Sheet



COMPANY Chama Oil @ Minerals L.L.C.				PROJECT NUMBER TN# 93		AFE/WORK ORDER		DATE 5/22/2013		
CONTRACTOR NOMAC RIG #14				Owner		LEGAL DESCRIPTION ?/??		API ?		
LEASE & WELL # Weimer State 16-19-47- #1P				COUNTY Kiowa		STATE CO		MILEAGE 600		
DIRECTIONS FROM HWY. 287 SOUTH OF EADS, COLORADO GO EAST ON COUNTY ROAD " N ". TRAVEL 4.4 MILES ON COUNTY ROAD " N " TO COUNTY ROAD 47 (CONTINUE STRAIGHT ONTO CR47) CONTINUE ON COUNTY ROAD 47 Another 2 miles to entrance of chama oil and gas lease. Turn north west through Lesae entrance and travel 1.2 miles to rig location										
Pumping Services	Job Procedures: CHECK WITH CO. MAN FOR all numbers							JobType: Whipstock Plug		
	Casing Size	Casing Weight 0.00	Thread	Tbng/DP Size 4.5" X.H.	Weight 16.6	Plug. Cont.	Swage TAKE	Top Plug	Bottom Plug	% Excess 25%
	Number and Type Units 1 P.U. 1 P.T. 2 B.T.							Casing Depth 0	Hole Depth 6004'	Hole Size 8.75
	Remarks TAKE 4.5" IF, DRILL PIPE PIN AND 400 LBS SAPP, 20 GALS PLEXAID 803 AND 5 GAL CLAYMAX.							Tubing Depth +/- 6000'	Depth-TVD	Mud Weight/Type 9.3 WBM
Materials	1st plug	# of Sacks 100	Type Class H	Additives NEAT CEMENT, Plug #1 will be set at +/- 6000' rig will circ. 6 hours and tag plug if no plug will set another plug. 1 bulk truck will have 200 sk. 100 sks each pot						
		Weight PPG 15.6	Yield Ft3/Sk 1.18	Water Gal/Sk 5.2						
	2nd plug	# of Sacks 350	Type Class H	Additives 0.2% C-37, Plug #2 will be set at + / - 5200' or 4500' the co. man will let you know.						
		Weight PPG 17.5	Yield Ft3/Sk .93	Water Gal/Sk 3.3						
		# of Sacks	Type	Additives						
		Weight PPG	Yield Ft3/Sk	Water Gal/Sk						
		ACID	Type	Additives						
		Inhibitor	Surfactant	clay cont.						
	Flush	Quantity 40	Type MUD WASH	Additives 600 LBS, SAPP. + 30 GAL, PLEXAID 803. 20 BBLS / PLUG						
	Other	Quantity 10 GAL.	Type CLAYMAX	Additives 2% Claymax TAKE 10 GAL.						
	Quantity	Type	Additives							
Safety and Info	Drive carefully, Stay on Lease RD, Weare PPE at all times.									
Sales Items	Casing Size	Casing Weight 0.00	Thread	Circulating Iron						
	Guide Shoe	Float Shoe		Float Collar			Insert Float Valve			
	Centralizers - Number	Size		Type						
	Wall Cleaners - Number	Type		MSC (DV Tool)			MSC Plug Set			
	Limit Clamps	Thread lock		Other						
	Remarks TAKE 4.5" IF, DRILL PIPE PIN AND 400 LBS SAPP, 20 GALS PLEXAID 803 AND 5 GAL CLAYMAX.									
Customer Rep. Bill Herd / David Waggoner		Cell Phone (720) 626 9326		Office Phone		Fax		Time of Call 1/0/00 0:00		
Call Taken By Joe Cotta							Date Ready 5/22/13		Time Ready	
Crew Called							Time			