

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 09-AUG-13		F.R. # 10011006799		SERV. SUPV. STEVEN S ISCHE	
LEASE & WELL NAME RAZOR #27K-3405A - API 05123377480000		LOCATION 27-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phc		Float Collar, Ball Valve, 9-5/8 - 8rd		NONE		0	0
		Float Shoe 9-5/8 - 8rd					
		Centralizer, Positive, 9-5/8 in					
		Cement Basket, Hinged, 9-5/8 in					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
Fresh water		N/A		0	8.34	0	0
TypeIII+1%CaCl+.25CF		N/A		719	14.5	1.40	6.81
Fresh water		N/A		0	8.34	0	0
Available Mix Water 500 Bbl.		Available Displ. Fluid 356 Bbl.		TOTAL		319	120.11
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
13.5	35	1500	8.921	9.625	36	CSG	1594
				OD	WGT.	TYPE	MD
				1594	1594	J-55	1594
				SHOE	FLOAT	STAGE	
				1594	1551	0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	WELL FLUID	
				BRAND & TYPE		DEPTH	TOP
				NO PACKER		0	BTM
						9.625	8RD
						WATER BASED	
						9.2	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
119	BBLS	Fresh water	8.34	497	0	0	0
				MAX CSG PSI	MAX TBG PSI	MAX CSG PSI	MIX WATER
				2360	2360	2360	FRAC TANK
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.2 LBS/GAL				Circulation Rate: 3 BPM			
Mud Density Out: 9.2 LBS/GAL				PV & YP Mud In: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				PV & YP Mud Out: 0			
Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			
Displacement And Mud Removal							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 BBLS			
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL			
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 12			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:			
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT			
				Bottom of Plug: 0 FT			
Squeezes (Update Original Treatment Report for Primary Job)							
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>			
TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>			
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			
				PSI Applied: 0			
				Fluid Weight: 0 LBS/GAL			
Casing Test (Update Original Treatment Report for Primary Job)							
Casing Test Pressure: 1430 PSI				With 8.34 LBS/GAL Mud			
				Time Held: 00 Hours 15 Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE							

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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3485 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:30	0	0	0	0	N/A	LEAVE YARD	
09:45	0	0	0	0	N/A	ARRIVE ON LOCATION (RIGGING UP CASERS)	
09:45	0	0	0	0	N/A	SPOT TRUCKS	
09:55	0	0	0	0	N/A	PRE RIG UP SAFTY MEETING	
13:15	0	0	0	0	N/A	SAFTY MEETING WITH CREW	
13:29	15	0	1	2	H2O	LOAD LINES	
13:34	3485	0	0	0	H2O	PRESSURE TEST	
13:35	96	0	6.4	10	H2O	FRESH WATER SPACER	
13:37	95	0	6.4	10	H2O	DYE WATER SPACER	
13:42	140	0	4.1	185	CEMENT	BATCH UP, WHEIGH AND SEND LEAD	
14:30	0	0	0	0	N/A	DROP PLUG	
14:33	487	0	6.4	60	WATER B/	DISPLACEMENT	
14:44	626	0	4	50	WATER B/	RATE CHANGE	
14:57	623	0	2.2	9	WATER B/	RATE CHANGE	
15:02	1128	0	0	0	WATER B/	BUMP PLUG	
15:05	0	0	0	0	N/A	TEST FLOATS AND THEY HELD	
15:10	1430	0	0	0	H2O	CASING TEST	
15:25	1382	0	0	0	N/A	END CASING TEST RIG DOWN SAFTY MEETING	
16:30	0	0	0	0	N/A	LEAVE LOCATION	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1128	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 60	TOTAL BBL. PUMPED 324	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:

Load Sheet



WELL NAME RAZOR #27K-3405A

CUSTOMER WHITING PETROLEUM CORP

JOB DATE AUG-09-2013

FIELD RECEIPT NO 10011006799

FIELD RECEIPT DATEAUG-09-2013

[illegible]

COMMENTS:

Robert Kibler

DATE AUG-08-2013

RECEIVED TO LOCATION STEVEN ISCHE

DATE AUG-09-2013

SERVICE SUPERVISOR**RETURNS VERIFIED BY**

DATE _____

APPROVAL

SCOTT D SMITH

OPERATIONS SUPERVISOR

CUSTOMER SIGNATURE