

CEMENT JOB REPORT



CUSTOMER WARD PETROLEUM CORP		DATE 18-DEC-14	F.R. # 1001127072	SERV. SUPV. ERIC S DEWIT										
LEASE & WELL NAME COLORADO ENERGY FEDERAL #14-1 - API 051231		LOCATION 14-10N-64W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # WO		TYPE OF JOB Plug & Abandon										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD				
Cement Plug, Rubber, Top 9-5/8 in		No Shoe												
PHYSICAL SLURRY PROPERTIES														
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh Water						3	8.34	0	0		15			
Class G Neat						151	15.8	1.15	5.00	03:00	30.92	18.00		
Fresh Water							8.34				6			
Available Mix Water		150 Bbl.		Available Displ. Fluid		150 Bbl.		TOTAL		51.92	18.00			
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS						
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
0	0	0	4	4.5	11.6	CSG	1448	1448	N-80	0	0			
			1.995	2.375	4.7	TBG	1448	1448	N-80					
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
						No Packer		0			2.375	8RND	FRESH WATER	8.34
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator				
0	BBLs	Fresh Water	8.34	0	0	0	1500	2500	1500	2500	Tanker			
Circulation Prior to Job														
Circulated Well: Rtg <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0				Circulation Rate: BPM						
Mud Density In: 8.34 LBS/G				Mud Density Out: 8.34 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
Displacement And Mud Removal														
Displaced By: Rtg <input type="checkbox"/> BJ <input type="checkbox"/>				Amount Bled Back After Job: 0 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 1				Competition: 1				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: 1448 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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						
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										

CEMENT JOB REPORT



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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	2865 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:17	0	0	0	0	N/A	Leave yard	
12:39	0	0	0	0	N/A	Arrive on location (81 Miles)	
13:00	0	0	0	0	N/A	Spot trucks on location	
13:05	0	0	0	0	N/A	Pre rig up safety meeting	
13:50	0	0	0	0	N/A	Pre job safety meeting	
14:07	54	0	1	3	H2O	Load pumps and lines (establish circulation)	
14:12	2865	0	0	0	H2O	Pressure test pumps and lines	
14:20	109	0	2	20	CMT	Batch, weigh, and pump cement @15.8 ppg	
14:34	0	0	0	0	N/A	Shut down got cement to surface, rig pulls tubing leaving 2 joints in hole	
15:17	102	0	2.6	6	CMT	Pump cement to fill to surface after they pulled tubing	
15:21	0	0	0	0	N/A	Shut down got good cement to surface	
15:22	0	0	0	0	N/A	Swap over to wash up through the rigs lines	
15:50	0	0	0	0	N/A	Pre rig down safety meeting	
16:35	0	0	0	0	N/A	Leave location	
19:20	0	0	0	0	N/A	Arrive back at the yard	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	29	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

FIELD RECEIPT NO. 10011127072



CUSTOMER		WARD PETROLEUM CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER					
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE							
INVOICE TO		502 SOUTH FILLMORE		ENID		Oklahoma		73702							
DATE WORK COMPLETED		MO. DAY YEAR		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE:							
12 18 2014		ERIC S DEWIT		05123189780000		New Well									
DISTRICT		PP, BRIGHTON		JOB DEPTH (ft)		WELL CLASS:		Oil							
WELL NAME AND NUMBER		TD WELL DEPTH (ft)		GAS USED ON JOB:		No Gas									
COLORADO ENERGY FEDERAL #14-1		1,448													
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:							
14-10N-64W		Well		Colorado		Plug & Abandon									
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT	
100021		Class G Cement		sacks		151		31.800		4,801.80		30%		3,361.26	
100112		Calcium Chloride		lbs		300		1.290		387.00		70%		116.10	
100404		Sodium Chloride		lbs		100		0.520		52.00		70%		15.60	
499632		Granulated Sugar		lbs		50		3.840		192.00		30%		134.40	
		SUB-TOTAL FOR Product Material								5,432.80		33.23%		3,627.36	
A152		Personnel Per Diem Chrg - Cement Svc		ea		1		210.000		210.00		0%		210.00	
M100		Bulk Materials Blending Charge		cu ft		160		5.450		872.00		30%		610.40	
R798		Automatic Density System		job		1		1,990.000		1,990.00		30%		1,393.00	
		SUB-TOTAL FOR Service Charges								3,072.00		27.95%		2,213.40	
ARRIVE LOCATION:		MO. DAY YEAR		TIME		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.		SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.							
12 19 2014		12:39													
CUSTOMER REP.		Tim Shurwood		CUSTOMER AUTHORIZED AGENT		T Shurwood		CUSTOMER AUTHORIZED AGENT		BHI APPROVED					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS															

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WELL NAME AND NUMBER		COLORADO ENERGY FEDERAL #14-1		TD WELL DEPTH (ft)		GAS USED ON JOB :									
		14-10N-64W		1,448		No Gas									
WELL LOCATION :		LEGAL DESCRIPTION		COUNTRY/PARISH		STATE		JOB TYPE CODE :							
		14-10N-64W		Weld		Colorado		Plug & Abandon							
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT	
F055A		Cement Pumping, 1001 - 2000 ft		4hrs		1		4,875.000		4,875.00		30%		3,412.50	
F090		Fuel per pump charge - cement		pump/hr		2		70.250		140.50		0%		140.50	
J225		Data Acquisition, Cement, Standard		job		1		2,130.000		2,130.00		30%		1,491.00	
J390		Mileage, Heavy Vehicle		miles		162		11,850		1,919.70		30%		1,343.79	
J391		Mileage, Auto, Pick-Up or Treating Van		miles		162		6,700		1,085.40		30%		759.78	
		SUB-TOTAL FOR Equipment						10,150.60		29.58%				7,147.57	
J401		Bulk Delivery, Dry Products		ton-mi		594		3,940		2,340.36		30%		1,638.25	
		SUB-TOTAL FOR Freight/Delivery Charges:								2,340.36		30.00%		1,638.25	
		FIELD ESTIMATE								20,995.76		30.34%		14,626.58	
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		12 19 2014		12:39				T Sherwood				X			
CUSTOMER REP.		Tim Shunwood										X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS												X			
												X			



Colorado Energy Federal 14-1 Plug

