

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML				DATE 22-APR-15		F.R. # 10011151342		SERV. SUPV. Daniel F Kuenz					
LEASE & WELL NAME PTASNIK #2-30-9-59 - API 05123412390000				LOCATION 30-9N-59W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # Xtreme Coik #19 Rig				TYPE OF JOB Intermediate					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 7 in		Float Collar, Pop Valve, 7 - 8rd											
		Float Shoe, Up Jet, 7in., 32 ppf, 8r											
		Stop Collar, 7 in											
		Centralizer, with Pins, 7 in											
		Thread Locking Compound											
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES							
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
UltraFlush II							8.4				40		
PLC+.04%St+.25#sCF+.3%FL52+6%Gel+.05gpsFP6L				C04-059-15		266	12.5	1.94	10.64	03:46	91.9	67.32	
50:50Poz.G+.04%St+.4%FL52+.3%SMS+3%Gel+.05g				C04-059-15		179	13.5	1.45	7.05	02:47	46.2	30.12	
Fresh Water							8.34				10		
Water Based Mud							9.4				235.8		
Available Mix Water 200 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL		423.9		97.44	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	15	6355	6.366	7	23	CSG	6335	6070	N-80	6335	6244.6	1	
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.
8.9	9.63	36	CSG	1645	1645	No Packer	0	0	0	7	8RND	WATER BASED	9.4
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			
245.8	BBLS	Water Based Mud	9.4	796	0	0	0	0	6340	5072	Rig Tanks		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 3.6 BPM				
Mud Density In: 9.4 LBS/GAL Mud Density Out: 9.4 LBS/GAL						PV & YP Mud In: 14			PV & YP Mud Out: 14				
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: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 1.5 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 51			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: Competition:						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: FT			Bottom of Plug: 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:		Fluid Weight: LBS/GAL							
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Rig running into hole with casing when we arrived on location. Appro 50 joints left to run into hole.													

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 1690 PSI With 9.4 LBS/GAL Mud Time Held: 00 Hours 15 Minutes

Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: FT Target EMW: LBS/GAL Actual EMW: LBS/GAL

Number of Times Tests Conducted: Mud Weight When Test was Conducted: 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

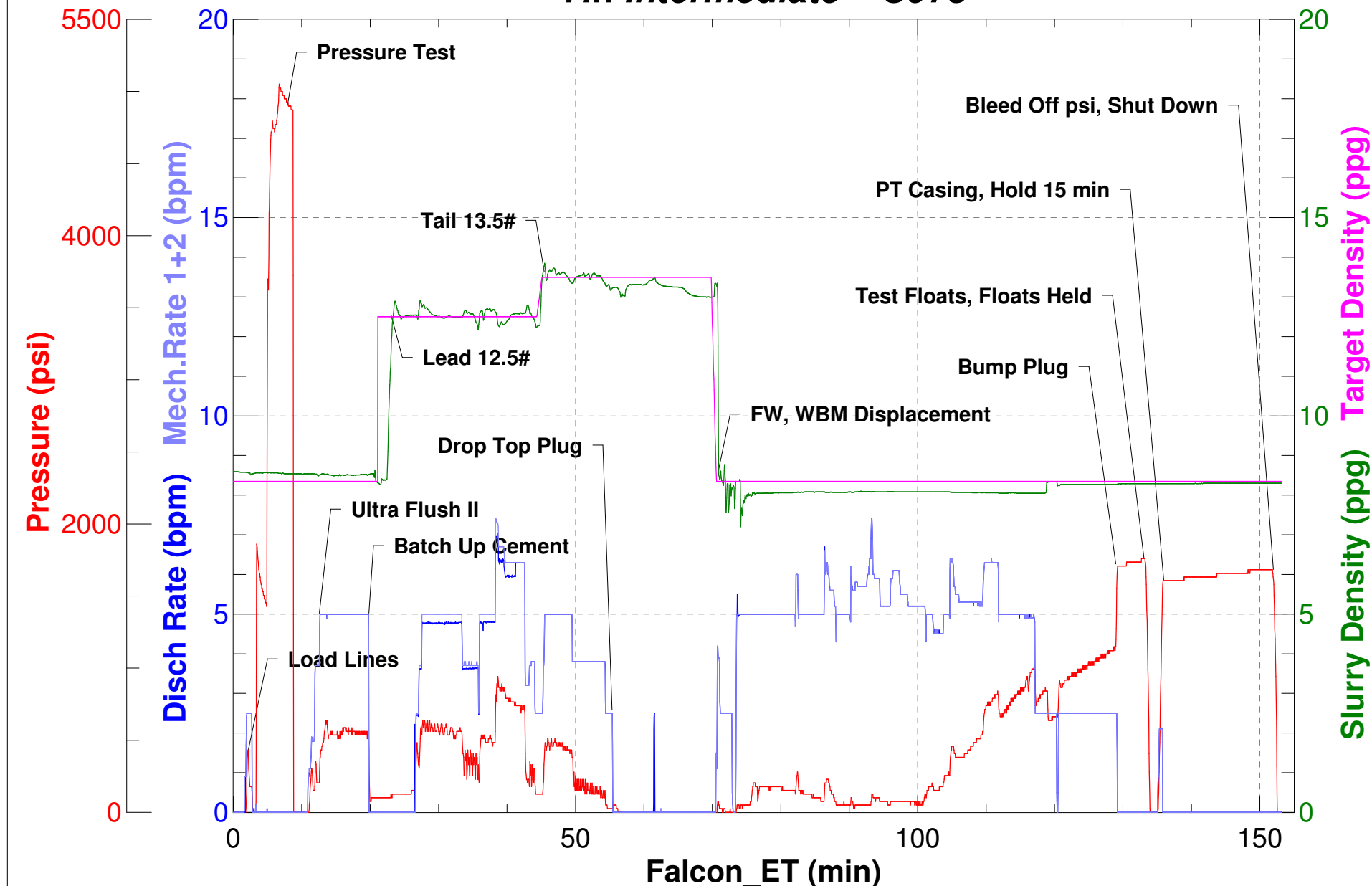
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>		
	PIPE	ANNULUS				TEST LINES	5049 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
16:30						YARD CALL		
18:45						PRE-JOB CONVOY SAFETY MEETING		
17:00						DEPART BHI YARD		
19:00						ARRIVE ON LOCATION		
19:05						CHECK IN WITH COMPANY MAN		
19:10						SPOT CEMENT EQUIPMENT ON EDGE OF LOCATION		
19:15						ALL EO'S OFF DUTY WELLSITE, RIG RUNNING CASING		
23:50	236	0	3.6	400	WBM	CASING LANDED, RIG CIRCULATING		
00:20						CASING CREW RIGGING DOWN		
00:30						ALL EO'S BACK ON DUTY		
00:35						SAFETY WALK AROUND ON LOCATION		
00:40						PRE-RIG UP SAFETY MEETING		
00:45						SPOT CEMENT EQUIPMENT		
01:30						PRE-JOB SAFETY MEETING		
01:40						STAB CEMENT HEAD		
01:54	269	0	2.6	2	H2O	LOAD LINES, FRESH WATER		
01:56	5049	0	0	0	H2O	PRESSURE TEST HARD LINES		
02:03	596	0	5	40	H2O	ULTRA FLUSH II @ 8.4#		
02:12	0	0	0	0	LEAD	SHUT DOWN, BATCH UP LEAD CEMENT SLURRY 12.5#		
02:19	609	0	4.9	50	LEAD	266sks PLC @ 12.5# LEAD CEMENT SLURRY		
02:30	960	0	6.2	41.9	LEAD	266sks PLC @ 12.5# LEAD CEMENT SLURRY		
02:38	609	0	4.9	46.2	TAIL	179sks (50:50)Poz:G @ 13.5# TAIL CEMENT SLURRY		
02:55	0	0	0	0	TAIL	SHUT DOWN, DROP TOP PLUG		
03:03	69	0	2.6	10	H2O	FRESH WATER DISPLACEMENT SPACER		
03:06	169	0	4.9	90	WBM	WATER BASED MUD DISPLACEMENT		
03:25	296	0	5.6	50	WBM	WATER BASED MUD DISPLACEMENT		
03:36	409	0	5.6	50	WBM	CAUGHT CEMENT, WATER BASED MUD DISPLACEMENT		
03:45	740	0	4.9	30	WBM	WATER BASED MUD DISPLACEMENT		
03:49	796	0	2.6	15.8	WBM	SLOW RATE, WATER BASED MUD DISPLACEMENT		
04:01	1709	0	0	0	WBM	BUMP PLUG 500 psi OVER FINAL LIFT PRESSURE		
04:05	1760	0	0	0	WBM	TEST FLOATS, BLEED OFF PRESSURE		
04:06	0	0	0	0	WBM	FLOATS HELD, 1.5 bbls FLOWED BACK		
04:08	1609	0	2.1	1.3	WBM	PRESSURE UP ON CASING		
04:09	1609	0	0	0	WBM	SHUT DOWN, HOLD PRESSURE 15 min		
04:25	1690	0	0	0	WBM	BLEED OFF PRESSURE		

CEMENT JOB REPORT



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	5049 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:26	0	0	0	0	WBM	SHUT DOWN, 1.5 bbls FLOWED BACK	
04:28						TURNED WELL BACK OVER TO RIG	
04:30						POST-JOB SAFETY MEETING, RIG DOWN	
						TOP OF LEAD CEMENT @ APPROX 1341'	
						TOP OF TAIL CEMENT @ APPROX 4741'	
						THANK YOU FOR YOUR SAFE WORK, GOOD COMMUNICATION & COOPERATION !!!!! DANIEL & THE CREW	
05:00						ALL EO'S OFF DUTY WELLSITE, TAKING NAP BEFORE HEADING IN	
06:00						ALL EO'S BACK ON DUTY, PRE-TRIP	
06:15						POST-JOB CONVOY SAFETY MEETING	
06:30						DEPART LOCATION	
09:30						ARRIVE BACK ON BHI YARD	
BUMPED PLUG <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 423.9	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:

7in Intermediate C973





CEMENTING LABORATORY REPORT
Lab Report # C04-059-15
Proposal #969450309C

COMPANY : Carrizo Oil & Gas Inc				DATE:	April 20, 2015
WELL NAME: Ptasnik #2-30-9-59				LOCATION:	30-9N-59W
DISTRICT: Brighton				TYPE JOB:	Intermediate (Field Blend)
API #:	05-123-41239-0000	RIG #:	Xtreme Coil #19	TOC(md):	
DEPTH MD/TVD(ft):	6370	6320. #		BHST(°F):	184 °F
CASING SIZE("/#):	7 in	23. #		BHCT(°F):	153 °F
TUBING SIZE("/#):				BHSqT(°F):	155 °F
HOLE SIZE("):	8 3/4 in			TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead (Field Blend): Premium Lite Cement + 6% Bentonite II + 0.3% FL-52 + 0.04% Static Free + 0.25 pps Cello Flake + 0.5 gals/100 sack FP-6L
#2	Tail (Field Blend): Class G:Poz:Bentonite II (50:50:3) + 0.3% SMS + 0.4% FL-52 + 0.04% Static Free + 0.5 gals/100 sack FP-6L
#3	

SLURRY PROPERTIES			#1	#2	#3
Density : ppg			12.50	13.50	
Yield :cu.ft./sk.			1.94	1.45	
Mixing Water: gal/sk.			10.64	7.05	
Water Type:			Fresh	Fresh	
Testing Temperature :			150 °F	149 °F	
Thickening Time: hrs:mins.			3:46	2:47	
Free Water: mls.					
Fluid Loss:ml/30min					
Compressive Strength:					
	hrs.				
	hrs.				
Rheologies	RPM				
	300				
	200				
	100				
	60				
	30				
	6				
	3				
	600				
	PV				
	YP				
Gel Strength : #/100sq.ft.	10 sec.				
	10 min.				

REMARKS :	
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COMMENTS : The above data is supplied solely for informational purposes and Baker Hughes makes no guarantees or warranties, either express or implied, with respect to the accuracy or use of this data. All product warranties and guarantees shall be governed by the standard contract terms at the time of sale.



FIELD RECEIPT NO. 10011151342

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER		
MAIL INVOICE TO		STREET OR BOX NUMBER 500 DALLAS STREET, SUITE 2499				CITY Houston		STATE Texas		ZIP CODE 77063			
DATE WORK COMPLETED		MO. 04	DAY 22	YEAR 2015	BHI REPRESENTATIVE Daniel F Kuenz		WELL API NO: 05123412390000		WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 6,335			WELL CLASS : Oil					
WELL NAME AND NUMBER PTASNIK #2-30-9-59					TD WELL DEPTH (ft) 6,355			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-59W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112		Calcium Chloride				lbs	150	1.290	193.50	70%	58.05		
100275		Sodium Metasilicate				lbs	46	4.100	188.60	73%	50.92		
100295		Cello Flake				lbs	67	5.100	341.70	73%	92.26		
100317		Poz (Fly Ash)				sacks	90	14.200	1,278.00	73%	345.06		
100404		Sodium Chloride				lbs	50	0.520	26.00	70%	7.80		
398117		Ultra Flush II System				bbls	40	213.500	8,540.00	73%	2,305.80		
398224		Premium Lite Cement				sacks	266	27.650	7,354.90	73%	1,985.82		
488015		FL-52				lbs	131	26.900	3,523.90	73%	951.45		
488019		FP-6L				gals	3	104.250	312.75	73%	84.44		
488449		Bentonite II				lbs	1841	0.440	810.04	73%	218.71		
499680		Static Free				lbs	17	40.700	691.90	73%	186.81		
L100021-00		Class G Cement				sacks	90	31.800	2,862.00	73%	772.74		
		SUB-TOTAL FOR Product Material							26,123.29	72.97%	7,059.86		
ARRIVE LOCATION :		MO. 04	DAY 21	YEAR 2015	TIME 21:00	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.		
CUSTOMER REP. Bob McNeese					CUSTOMER AUTHORIZED AGENT X								
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X								
						CUSTOMER AUTHORIZED AGENT							



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DATE WORK COMPLETED		MO. 04	DAY 22	YEAR 2015	BHI REPRESENTATIVE Daniel F Kuenz		WELL API NO: 05123412390000		WELL TYPE : New Well			
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 6,335			WELL CLASS : Oil				
WELL NAME AND NUMBER PTASNIK #2-30-9-59					TD WELL DEPTH (ft) 6,355			GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-59W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate			
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100		Bulk Materials Blending Charge				cu ft	496	5.450	2,703.20	73%	729.86	
R798		Automatic Density System				job	1	1,990.000	1,990.00	73%	537.30	
		SUB-TOTAL FOR Service Charges							4,903.20	69.87%	1,477.16	
F065A		Cement Pumping, 6001 - 7000 ft				6hrs	1	8,300.000	8,300.00	73%	2,241.00	
F090		Fuel per pump charge - cement				pump/hr	6	70.250	421.50	0%	421.50	
H9985		Float Equipment (Charge 2 of 8)				ea	1	1,849.700	1,849.70	0%	1,849.70	
J050		Cement Head				job	1	830.000	830.00	73%	224.10	
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	73%	575.10	
J390		Mileage, Heavy Vehicle				miles	170	11.850	2,014.50	73%	543.92	
J391		Mileage, Auto, Pick-Up or Treating Van				miles	170	6.700	1,139.00	73%	307.53	
		SUB-TOTAL FOR Equipment							16,684.70	63.06%	6,162.85	
J401		Bulk Delivery, Dry Products				ton-mi	1725	3.940	6,796.50	73%	1,835.06	
		SUB-TOTAL FOR Freight/Delivery Charges							6,796.50	73.00%	1,835.06	
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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
		FIELD ESTIMATE							54,507.69	69.66%	16,534.93
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