

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 24-NOV-12		F.R. # 1001949449		SERV. SUPV. LANCE N WEBB		
LEASE & WELL NAME NELSON 1-20-9-60 - API 05123362560000		LOCATION 17-9N-60W		COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme #19		TYPE OF JOB Intermediate				
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD TVD	
7" Top Cem Plug, Nitrile cvr, Phen	Centralizer, with Pins, 7 in							
	Guide Shoe, Cement Nose, 7 in							
	Float Collar, Auto Fill, 7 - 8rd							
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	
Drilling Mud + Biocide	0	0	9.5	0	0	00:00	68	
Fresh Water	0	0	8.33	0	0	00:00	10	
SealBond Spacer	0	0	8.4	0	0	00:00	40	
Premium Lite Cement + adds	0	420	12.5	1.94	10.65	00:00	145.25 106.46	
50/50 (Poz/Class G Cement) + adds	0	131	13.5	1.71	8.30	00:00	39.96 25.89	
Drilling Mud	0	0	9.5	0	0	00:00	250.14	
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		553.36 132.35		
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE	MD TVD	GRADE	SHOE FLOAT STAGE
8.75	0	6475	6.366 7	23	CSG	6453 6321	N-80	6453 6366 0
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	1400 1400	NO PACKER	0	0 0	7 8RD	WATER BASED	9.6
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	Operator	MAX CSG PSI MIX WATER
250.1 BBLS	Drilling Mud	9.5	1100	0	0	0	0	9960 7968 RIG
Circulation Prior to Job								
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 8 BPM		
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 12		PV & YP Mud Out: 12		
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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE								
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 42		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: 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: 0 PSI With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes				

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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

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	4000 PSI	
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:30	0	0	0	0	NA	ARRIVED ON LOCATION RIG RUNNING CSG OL 600		
08:00	0	0	0	0	NA	SPOT TRUCKS		
09:15	0	0	0	0	NA	SAFETY MEETING		
09:30	4611	0	0	0	H2O	PSI TEST		
09:37	492	0	6	10	H2O	H2O SPACER		
09:39	414	0	6	40	H2O	SEAL BOND PLUS SPACER		
09:49	609	0	6	145	CMT	BATCH/WEIGH/PUMP LEAD CMT @ 12.5 PPG		
10:13	255	0	6	40	CMT	WEIGH/PUMP TAIL CMT @ 13.5 PPG		
10:25	0	0	0	0	H2O	SHUT DOWN DROP PLUG		
10:32	90	0	6	0	MUD	DISPLACE W/ 9.6 PPG MUD		
10:55	350	0	5	140	MUD	CAUGHT CMT		
11:17	932	0	2.5	230	MUD	SLOWED RATE		
11:30	1661	0	0	250	MUD	BUMPED PLUG FLOAT DID NOT HOLD LEFT 300 PSI ON CSG FINAL LIFT 1140		
12:15	0	0	0	0	NA	LEAVE LOCATION		
BUMPED PLUG		PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>Service Supervisor Signature:</u>
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1100	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	485	300	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		



FIELD RECEIPT NO. 1001949449

CUSTOMER CARRIZO OIL & GAS INC XML				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 0040139823-2		INVOICE NUMBER 1847352	
MAIL INVOICE TO STREET OR BOX NUMBER 500 DALLAS STREET, SUITE 2499				CITY Houston		STATE Texas		ZIP CODE 77063			
DATE WORK COMPLETED		MO. 11	DAY 24	YEAR 2012	BHI REPRESENTATIVE LANCE N WEBB		WELL API NO: 05123362560000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 6,453		WELL CLASS : Oil				
WELL NAME AND NUMBER NELSON 1-20-9-60					TD WELL DEPTH(ft) 6,475		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 17-9N-60W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	66	31.800	2,098.80	65%	734.58	
100112	Calcium Chloride				lbs	250	1.290	322.50	100%	0.00	
100120	Bentonite				lbs	2524	0.530	1,337.72	65%	468.20	
100121	Silica Flour				lbs	2201	0.590	1,298.59	65%	454.51	
100275	Sodium Metasilicate				lbs	11	4.100	45.10	65%	15.79	
100295	Cello Flake				lbs	92	5.100	469.20	65%	164.22	
100317	Poz (Fly Ash)				sacks	66	14.200	937.20	65%	328.02	
100404	Sodium Chloride				lbs	150	0.520	78.00	100%	0.00	
398224	Premium Lite Cement				sacks	420	27.650	11,613.00	65%	4,064.55	
398416	SealBond Spacer (w/ 30lb pail)				bbls	40	277.200	11,088.00	65%	3,880.80	
488015	FL-52				lbs	190	26.900	5,111.00	65%	1,788.85	
488019	FP-6L				gals	5	104.250	521.25		521.25	
488252	Magnacide 575				gals	1	307.000	307.00	65%	107.45	
488521	SealBond Plus				lbs	600	4.730	2,838.00	65%	993.30	
499632	Granulated Sugar				lbs	100	3.840	384.00	65%	134.40	
SUB-TOTAL FOR Product Material								38,449.36	64.48%	13,655.92	
ARRIVE LOCATION :				MO. 11	DAY 24	YEAR 2012	TIME 04:30				
CUSTOMER REP. BOB MCNEESE				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.			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT				CUSTOMER AUTHORIZED AGENT X			
				CUSTOMER AUTHORIZED AGENT				BHI APPROVED X			



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	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	683	5.450	3,722.35	65%	1,302.82	
R798	Automatic Density System				job	1	1,990.000	1,990.00	65%	696.50	
SUB-TOTAL FOR Service Charges								5,922.35	62.70%	2,209.32	
F065A	Cement Pumping, 6001 - 7000 ft				6hrs	1	8,300.000	8,300.00	65%	2,905.00	
F090	Fuel per pump charge - cement				pump/hr	12	70.250	843.00	65%	295.05	
J050	Cement Head				job	1	830.000	830.00	65%	290.50	
J390	Mileage, Heavy Vehicle				miles	188	11.850	2,227.80	65%	779.73	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	188	6.700	1,259.60	65%	440.86	
SUB-TOTAL FOR Equipment								13,460.40	65%	4,711.14	
J401	Bulk Delivery, Dry Products				ton-mi	2551	3.940	10,050.94	65%	3,517.83	
SUB-TOTAL FOR Freight/Delivery Charges								10,050.94	65.00%	3,517.83	
FIELD ESTIMATE								67,883.05	64.51%	24,094.21	
ARRIVE LOCATION :				MO. 11	DAY 24	YEAR 2012	TIME 04:30				
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