

CEMENT JOB REPORT

- Long String -

- 1st Stg -

Production String-



CUSTOMER	PETROX RESOURCES	DATE	25-AUG-14	EP#	10011093842	SERV. SUPV.	Joseph Lyda
LEASE & WELL NAME	DAKOTA 33-5 #21-3 - API 05007063160000	LOCATION	21-33N-5W	COUNTY-PARISH-BLOCK	Archuleta Colorado		
DISTRICT	Farmington	DRILLING CONTRACTOR RIG #	D&J1	TYPE OF JOB	Long String		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	Float Collar, Auto Fill, 5-1/2 - 8rd						
	Float Shoe 5-1/2 - 8rd						

MATERIALS FURNISHED BY BJ		LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
SealBond Spacer				10.5				30	
SealBond Spacer 25				10.5				20	
Premium Lite FM HS			286	12.5	1.99	9.97		101	67.80
Fresh Water				8.34				75	
Drilling Mud				11.5				433	
(35:65) Poz:Class G Thix. Cement			316	12.8	1.78	8.96		100	67.27
Type III Thix. Cement			267	13.5	1.79	9.11		85	57.83
Fresh Water				8.34				110	
FRESH WATER				8.34				10	

Available Mix Water	580	Bbl.	Available Displ. Fluid	580	Bbl.	TOTAL	964	192.90
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HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	15	7950	4.778	5.5	20	CSG	7950	7950	P-110	7946	7932	4986

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	WGT.
8.1	8.625	24	CSG	1500	1500					5.5	8RD	11.2

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	
285	BBLS	Fresh Water	8.34	572	0	0	0	0	12640	10112	WATER TANK
		Drilling Mud	11.5								

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: WAITING ON CASING CREW

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 checked="" type="checkbox"/>			
06:00						ARRIVE LOCATION			
13:30						PRE SPOT RIG UP MEETING			
16:35						SAFETY MEETING			
16:45	4000	0	0	0	H2O	PRESSURE TEST LINES			
16:54	125	0	4	0	SEAL BON	START 30 BBLS SEAL BOND SPACER			
17:02	320	0	4	30	H2O	START 5 BBL FRESH WATER SPACER			
17:03	369	0	4	5	CMT	START 101 BBLS 12.5# CEMENT			
17:28	0	0	2	100	CMT	SHUT DOWN DROP DART			
17:30	260	0	3	0	H2O	START 75 BBLS FRESH			
17:49	260	0	3	75	MUD	START 100 BBLS MUD			
18:26	0	0	0	0	MUD	CHECK FLOATS 1 BBL BACK			
18:24	833	0	0	100	MUD	SHUT DOWN BUMP PLUG			
18:30	0	0	0	0	MUD	DROP DV DART			
19:00	1000	0	2	0	MUD	OPEN DV TOOL 1000PSI ST 333BBLS MUD			

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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 checked="" type="checkbox"/>	
21:35	80	0	2	333	MUD	SHUT DOWN TURN OVER TO RIG CREW	
22:00						WAIT ON CEMENT	
00:00						STAGE # 2	
04:30						SAFETY MEETING	
04:45	4000	0	0	0	H2O	PRESSURE TEST LINES	
05:24	165	0	3	0	SEAL BON	START 20BBL SEAL BOND SPACER	
05:30	189	0	3	20	H2O	START 5 BBL FRESH WATER SPACER	
05:32	225	0	3	5	CMT	START 178 BBLS 12.1# LEAD CEMENT	
06:35	116	0	3	178	CMT	START 45BBLS 12.3 # TAIL CEMENT	
06:50	0	0	0	45	CMT	SHUT DOWN DROP PLUG	
06:54	190	0	3	0	H2O	START 110BBLS DISPLACEMENT	
07:31	1630	0	0	110	H2O	BUMP PLUG 1630 PSI	
07:33	0	0	0	0	H2O	CHECK FLOAT 1 BBL BACK	
07:35	0	0	0	0	H2O	WASH UP RIG DOWN	

BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 880	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 964	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE:
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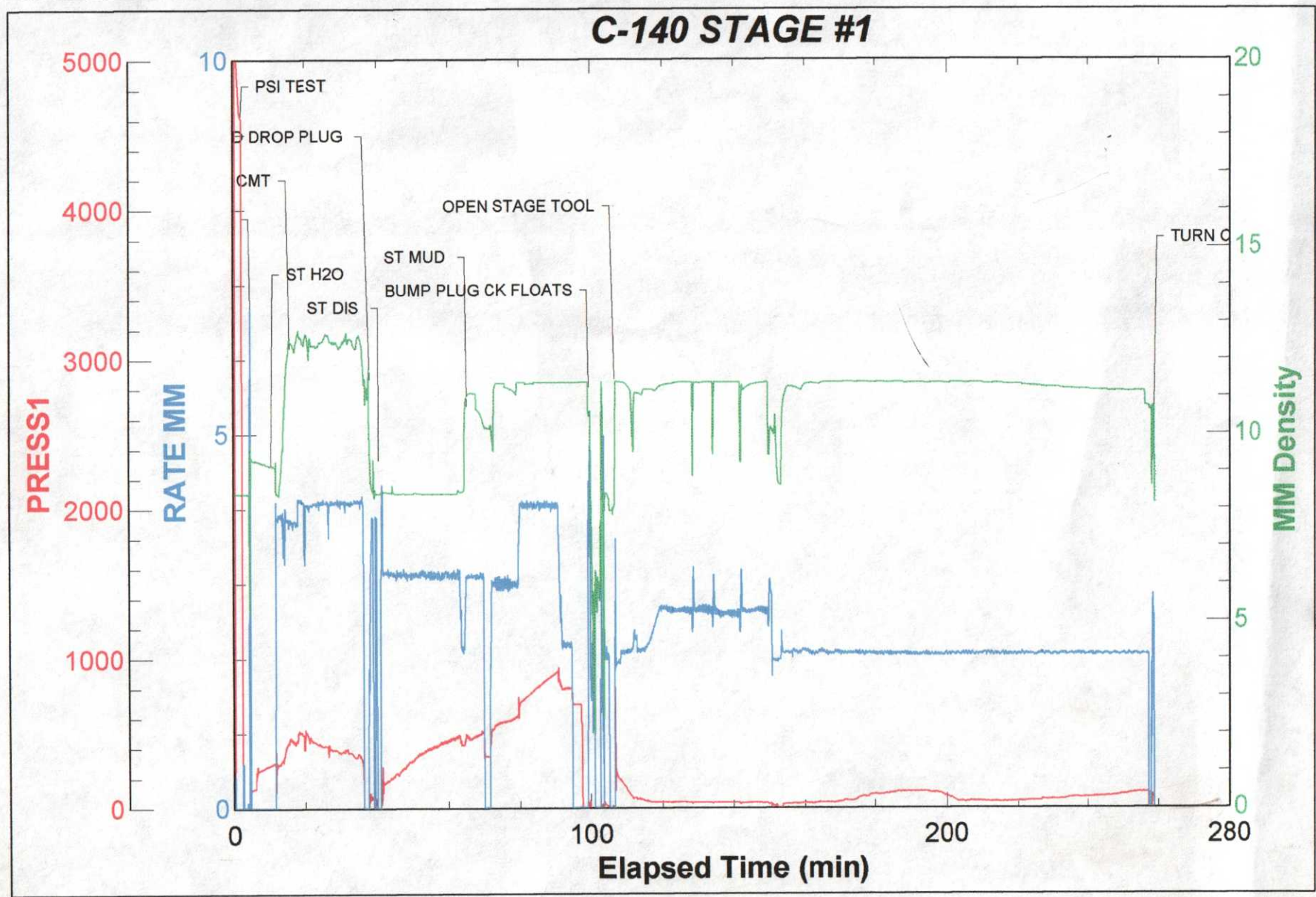


Baker Hughes JobMaster Program Version 3.60

Job Number: 10011093842

Customer: petrox

Well Name: DAKOTA33-5 #21-3



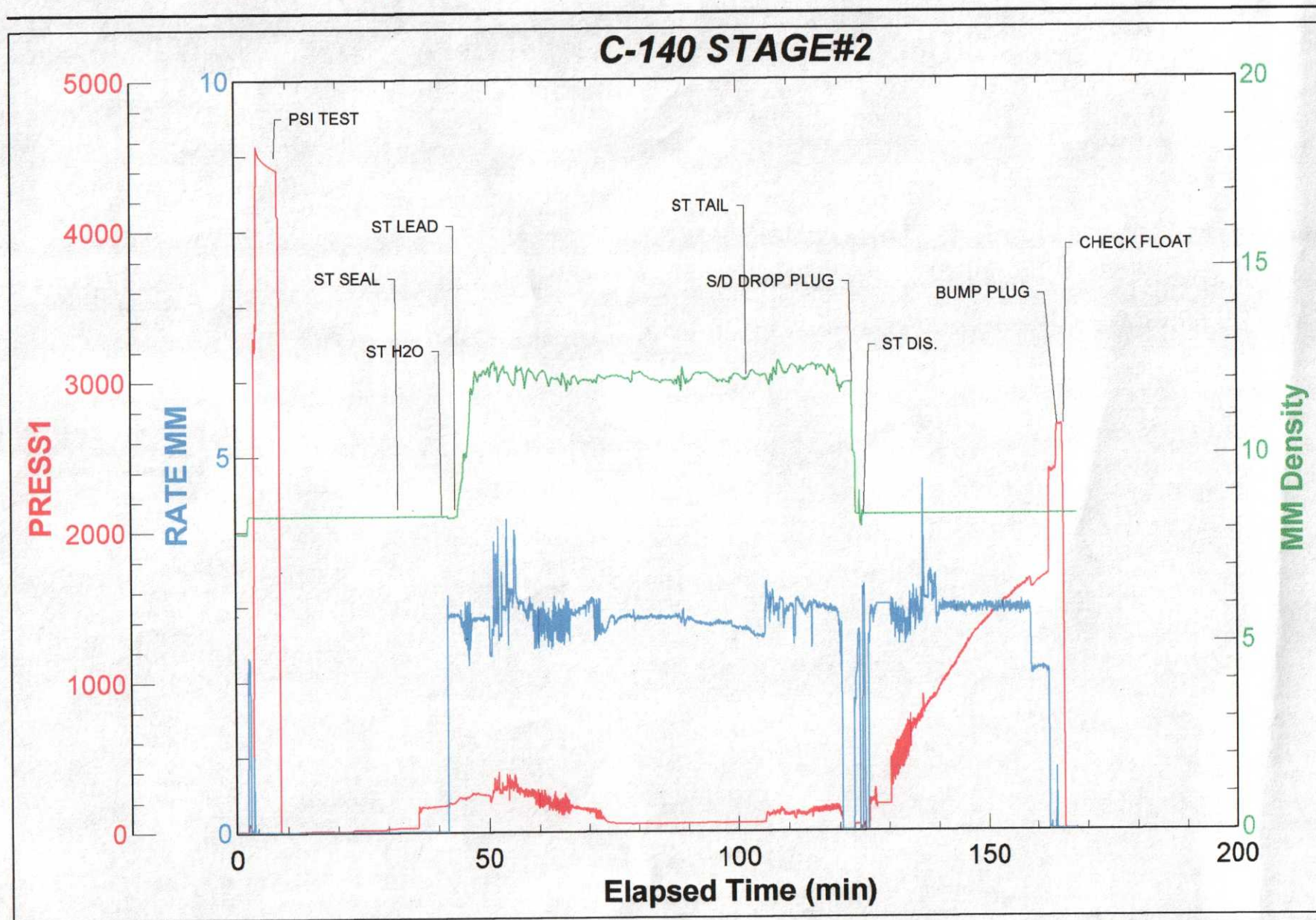


Baker Hughes JobMaster Program Version 3.60

Job Number: 10011098348

Customer: PETROX

Well Name: DAKOTA33-5#21-3





FIELD RECEIPT NO. 10011093842

CUSTOMER PETROX RESOURCES				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040034266 - 0040034266		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER PO BOX 2600				CITY Meeker		STATE Colorado		ZIP CODE 81641			
DATE WORK COMPLETED		MO. 08	DAY 25	YEAR 2014	BHI REPRESENTATIVE Joseph Lyda		WELL API NO: 05007063160000		WELL TYPE : New Well		
DISTRICT PP, FARMINGTON					JOB DEPTH (ft) 7,950		WELL CLASS : Gas				
WELL NAME AND NUMBER DAKOTA 33-5 #21-3					TD WELL DEPTH (ft) 7,950		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 21-33N-5W			COUNTY/PARISH Archuleta		STATE Colorado		JOB TYPE CODE : Long String		
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride				lbs	1391	1.290	1,794.39	60%	717.76	
100275	Sodium Metasilicate				lbs	19	4.100	77.90	60%	31.16	
100283	R-3				lbs	72	3.840	276.48	60%	110.59	
100294	LCM-1				lbs	4425	1.220	5,398.50	60%	2,159.40	
100295	Cello Flake				lbs	239	5.100	1,218.90	60%	487.56	
398315	Premium Lite High Strength FM				sacks	954	51.470	49,102.38	60%	19,640.95	
399020	Barite (Supplied by Customer)				lbs	2149	0.000	0.00	60%	0.00	
488013	CD-32				lbs	101	13.300	1,343.30	60%	537.32	
488015	FL-52				lbs	492	26.900	13,234.80	60%	5,293.92	
488521	SealBond Plus				lbs	200	4.730	946.00	60%	378.40	
499615	Dye, Red Tracer Fluorescent				lbs	2	142.000	284.00	60%	113.60	
L398464-00	SealBond Spacer 25, w/ 45 lb bag				bbbs	50	347.000	17,350.00	60%	6,940.00	
SUB-TOTAL FOR Product Material								91,026.65	60%	36,410.66	
ARRIVE LOCATION :		MO. 08	DAY 25	YEAR 2014	TIME 06:00	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. MR. MIKE CLARK						CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED	
						X					



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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	1590	5.450	8,665.50	60%	3,466.20	
R180	Batch Mix Skid, 24 bbl				day	1	3,025.000	3,025.00	60%	1,210.00	
R798	Automatic Density System				job	1	1,990.000	1,990.00	60%	796.00	
SUB-TOTAL FOR Service Charges								13,890.50	59.09%	5,682.20	
F067A	Cement Pumping, 7001 - 8000 ft				6hrs	2	9,525.000	19,050.00	60%	7,620.00	
F088	Cement Pumping, Additional hrs				hrs	8	900.000	7,200.00	100%	0.00	
F090	Fuel per pump charge - cement				pump/hr	7	70.250	491.75	0%	491.75	
FE003	Radio Communications				job	1	319.000	319.00	60%	127.60	
J050	Cement Head				job	1	830.000	830.00	60%	332.00	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	60%	852.00	
J390	Mileage, Heavy Vehicle				miles	300	11.850	3,555.00	60%	1,422.00	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	150	6.700	1,005.00	60%	402.00	
K230	Multiple Stage Cementing				stage	1	4,875.000	4,875.00	60%	1,950.00	
SUB-TOTAL FOR Equipment								39,455.75	66.55%	13,197.35	
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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
J401		Bulk Delivery, Dry Products				ton-mi	3456	3.940	13,616.64	60%	5,446.66
		SUB-TOTAL FOR Freight/Delivery Charges							13,616.64	60.00%	5,446.66
		FIELD ESTIMATE							157,989.54	61.56%	60,736.87
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