

Surface CSG

CEMENT JOB REPORT

Srf Job



CUSTOMER	PETROX RESOURCES	DATE	07-AUG-14	F.R. #	10011088924	SERV. SUPV.	Warren N Passey
LEASE & WELL NAME	Dakota 33-5 #21-3	LOCATION	21 33N 5W	COUNTY-PARISH-BLOCK	Archuleta Colorado		
DISTRICT	Farmington	DRILLING CONTRACTOR RIG #	D&J 1	TYPE OF JOB	Surface		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
8-5/8" Top Cem Plug, Nitri cvr, Phen-	Centralizer, with Fins, 8-5/8 in						
	Float Shoe 8-5/8 - 8rd						
	Alum Baffle Plate, Slip On, 8-5/8						

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
Fresh Water			8.34				20	
Gelled water with Dye			8.5				10	
Fresh Water			8.34				93	
Premium Lite FM		256	12.1	2.13	11.29		97	68.60
Type III Cement		171	14.8	1.34	6.32		40	25.28
Available Mix Water	200 Bbl.	Available Displ. Fluid	200 Bbl.	TOTAL			260	93.88

SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
11	114	1500	8.097	8.625	24	CSG	1500	1500	J-55	1507	1464	

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.
16.	16	42.1	CSG	33	33						8.625	8RND	WATER BASED MU	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	
93	BBLS	Fresh Water	8.34	509	0	0	0	0	2950	2360	FRAC TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: TROUBLE RUNNING CASING, WAITED ON FLOAT SHOE,

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE		
	PIPE	ANNULUS					
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
						TEST LINES 3500 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>	
05:30	0	0	0	0	NA	ARRIVED ON LOCATION	
20:00	0	0	0	0	NA	PRE RIG UP MEETING	
20:10	0	0	0	0	NA	PRE JOB MEETING	
20:25	3500	0	0	0	H2O	PSI TEST LINES TO 3500 PSI	
20:29	125	0	4	10	H2O	ST 10 BBL FRESH H2O SPACER	
20:33	127	0	4	10	GELL	ST 10 BBL GELLED SPACER	
20:35	130	0	4	10	DYED H2O	ST 10 BBL FLOURESCENT SPACER	
20:38	254	0	5	97	LEAD CMT	ST 97 BBL LEAD CMT @ 12.1	
21:03	243	0	5	40	TAIL CMT	ST 40 BBL TAIL CMT @14.8 PPG	
21:15	0	0	0	0	NA	SD DROP PLUG	
21:16	120	0	6.5	93	H2O	ST 93 BBL DISPLACEMENT	
21:36	1100	0	0	0	H2O	BUMP P[LUG SHUT DOWN	
21:50	360	0	0	0	H2O	SHUT IN CSG WITH 360 PSI 1' VALVE AND CIRCULATING SWEDGE	
22:00	0	0	0	0	H2O	BLEED OFF HOLD POST JOB SAFTEY MEETING	

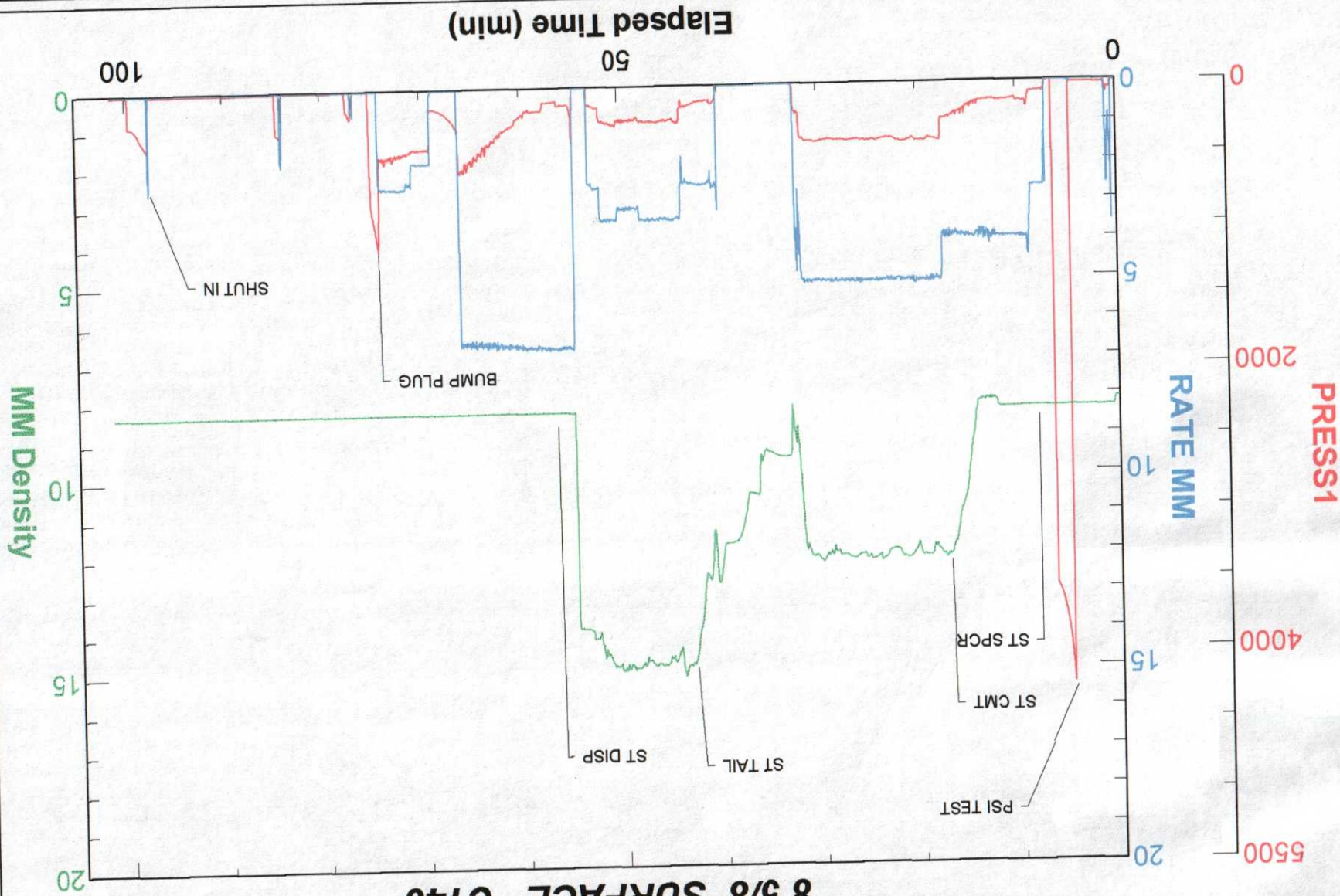
CEMENT JOB REPORT



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	PIPE	ANNULUS				TEST LINES	3500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>	
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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	650	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	47	260	360	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



8 5/8 SURFACE C140



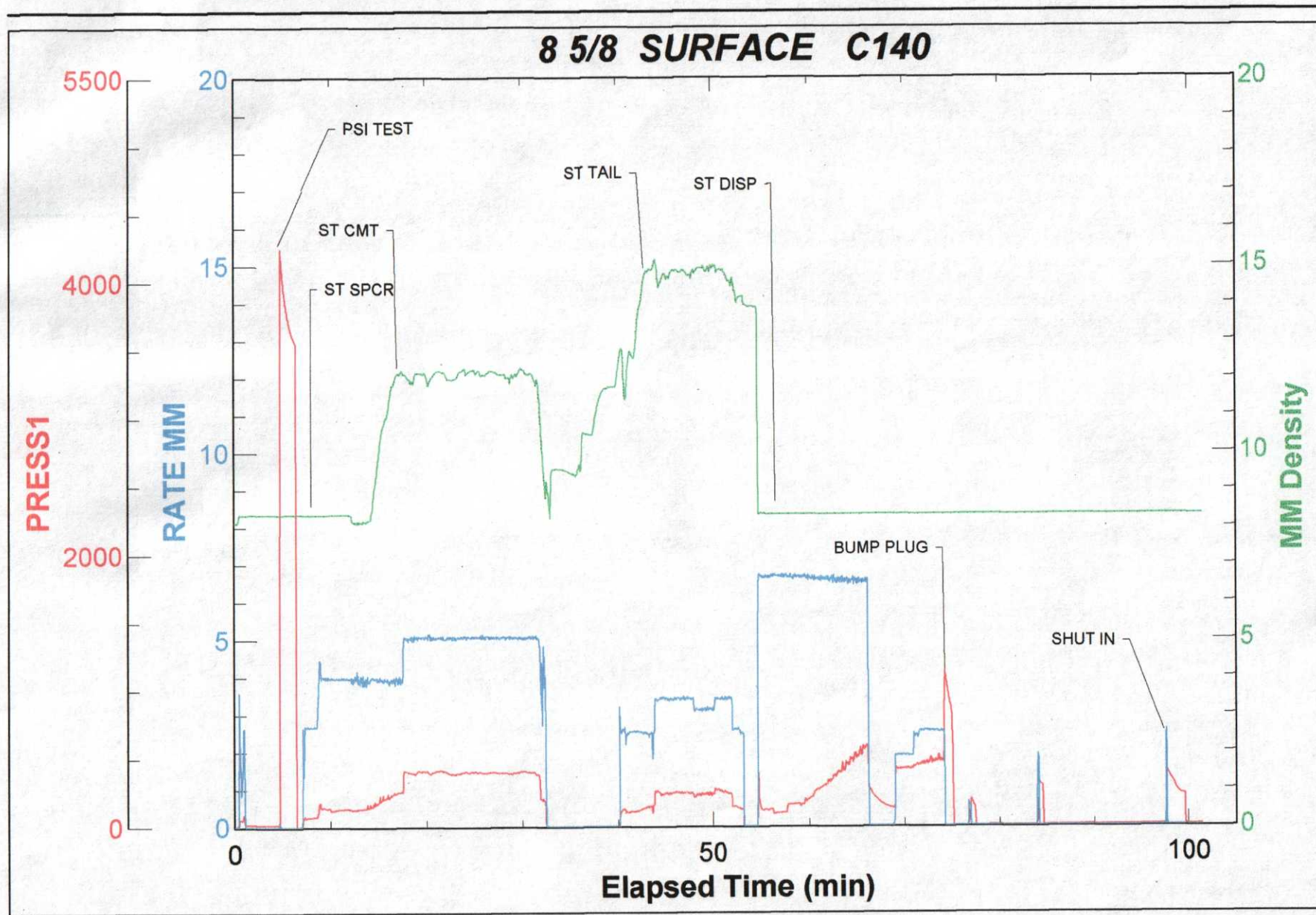


Baker Hughes JobMaster Program Version 3.60

Job Number: 10011088924

Customer: PETROX

Well Name: DAKOTA



- Surface CSG -



FIELD RECEIPT NO. 10011088924

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 07	YEAR 2014	BHI REPRESENTATIVE Warren N Passey		WELL API NO:		WELL TYPE : New Well		
DISTRICT BJS, FARMINGTON					JOB DEPTH (ft) 1,507		WELL CLASS : Gas				
WELL NAME AND NUMBER Dakota 33-5 #21-3					TD WELL DEPTH (ft) 1,507		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION			COUNTY/PARISH Archuleta		STATE Colorado		JOB TYPE CODE : Surface		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	805	1.290	1,038.45	60%	415.38	
100120	Bentonite				lbs	1718	0.530	910.54	60%	364.22	
100275	Sodium Metasilicate				lbs	86	4.100	352.60	60%	141.04	
100294	LCM-1				lbs	1280	1.220	1,561.60	60%	624.64	
100295	Cello Flake				lbs	107	5.100	545.70	60%	218.28	
398314	Premium Lite FM				sacks	256	35.630	9,121.28	60%	3,648.51	
411323	GW-3LDF				gals	3	161.000	483.00	60%	193.20	
488015	FL-52				lbs	119	26.900	3,201.10	60%	1,280.44	
499615	Dye, Red Tracer Fluorescent				lbs	1	142.000	142.00	60%	56.80	
499632	Granulated Sugar				lbs	125	3.840	480.00	0%	480.00	
499703	Type III Cement				sacks	171	39.600	6,771.60	60%	2,708.64	
SUB-TOTAL FOR Product Material								24,607.87	58.83%	10,131.15	
ARRIVE LOCATION :		MO. 08	DAY 07	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. DARYL BAXTER						CUSTOMER AUTHORIZED AGENT				X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED	
						CUSTOMER AUTHORIZED AGENT					



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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	514	5.450	2,801.30	60%	1,120.52
R798		Automatic Density System				job	1	1,990.000	1,990.00	60%	796.00
		SUB-TOTAL FOR Service Charges							5,001.30	57.48%	2,126.52
F055A		Cement Pumping, 1001 - 2000 ft				4hrs	1	4,875.000	4,875.00	60%	1,950.00
F088		Cement Pumping, Additional hrs				hrs	12	900.000	10,800.00	0%	10,800.00
F090		Fuel per pump charge - cement				pump/hr	3	70.250	210.75	0%	210.75
FE003		Radio Communications				job	1	319.000	319.00	60%	127.60
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	60%	852.00
J390		Mileage, Heavy Vehicle				miles	160	11.850	1,896.00	60%	758.40
J391		Mileage, Auto, Pick-Up or Treating Van				miles	160	6.700	1,072.00	60%	428.80
		SUB-TOTAL FOR Equipment							21,302.75	28.99%	15,127.55
J401		Bulk Delivery, Dry Products				ton-mi	1680	3.940	6,619.20	60%	2,647.68
		SUB-TOTAL FOR Freight/Delivery Charges							6,619.20	60%	2,647.68
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						Archuleta				Colorado				Surface					
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT			
		FIELD ESTIMATE										57,531.12		47.80%		30,032.90			
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