

Surface CSG

CEMENT JOB REPORT
Surf 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.	PHYSICAL SLURRY PROPERTIES						
		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 <u>200</u> Bbl.		Available Displ. Fluid <u>200</u> Bbl.		TOTAL			<u>260</u>	<u>93.88</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
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	FRAC TANK
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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				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	

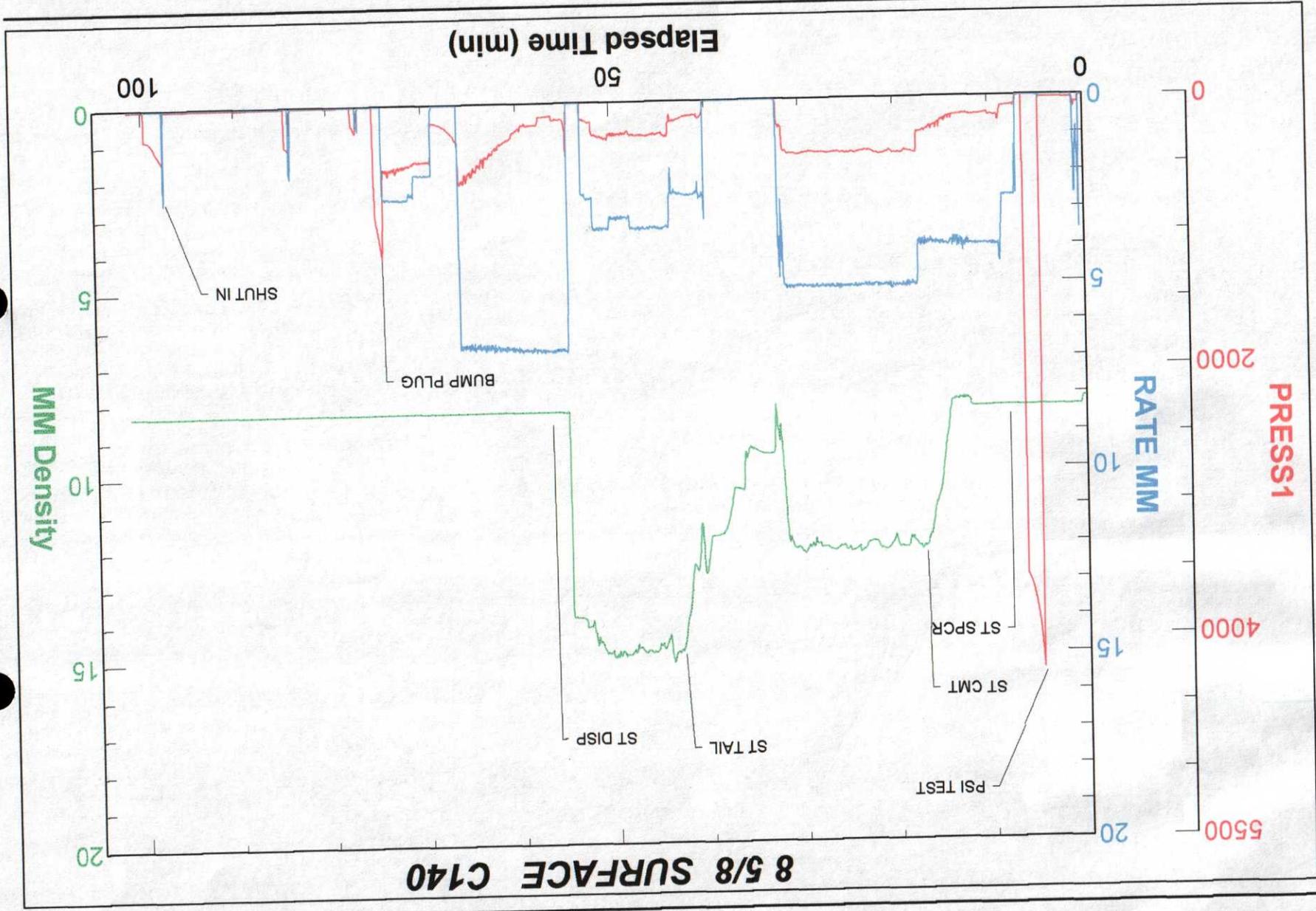
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	PIPE	ANNULUS				TEST LINES 3500 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input checked="" type="checkbox"/>		
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:	
<input type="checkbox"/> Y <input checked="" 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		



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011088924
Customer: PETROX
Well Name: DAKOTA



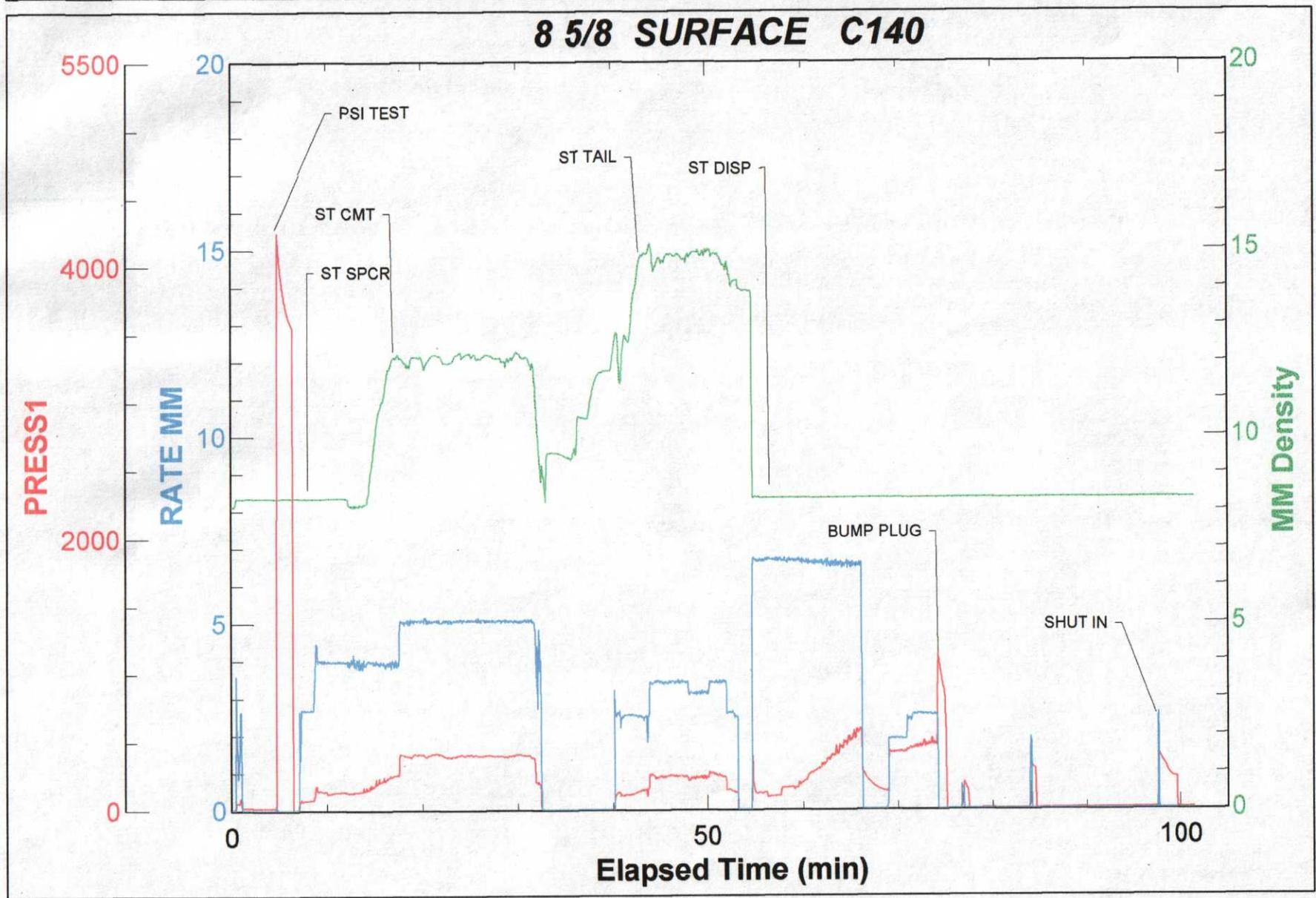


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Customer: PETROX

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	
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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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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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