



17509 Rd. 14  
Fort Morgan, CO 80701

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NWSW

LEGAL DESCRIPTION 29-3N-64W	FIELD WATTENBERG	CITY WELD	STATE CO
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CHARGE TO KATINA OIL & GAS			
INVOICE ADDRESS			
CITY	STATE	ZIP	DATE 8/26/03
WELL NAME/No. KATE RED D29-3J			

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_ A.M. P.M.

SERVICE	QUANTITY	UNIT PRICE	AMOUNT	PERFORATION RECORD	
				DEPTH	NO. OF SHOTS
DEPTH DETERMINATION TAC P 7552'			400		
SET 3 1/2" 10K PREMIUM C73P P			400		
2 SX CM7					
PERFORATE 7018-7031 13 ft 41SPF 60° 2 1/2" RTG 6.5 SR 52 SHOTS		13¢ 110	1430		
CARRIER CHARGE	2¢	300	600		
			3830		
			(-383)		
			3447		
I certify that the above ordered services, equipment, materials and products have been received. SIGNATURE OF CUSTOMER: <i>WNC</i> 8-26-03 DATE: 8-26-03	SUBTOTAL			PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT	
	TAX				
	ESTIMATED TOTAL \$		3447		

UNIT NUMBER 202		UNIT NUMBER	
ENGR.	CREW NAMES	ENGR.	CREW NAMES
A			
OPER.	EMPLOYEE NO.	OPER.	EMPLOYEE NO.
M/MARC			
OPER.		OPER.	



# CEMENT JOB REPORT

<b>CUSTOMER</b> Patina Oil & Gas Corporation			<b>DATE</b> 22-AUG-03		<b>F.R. #</b> 225123328		<b>SERV. SUPV.</b> Larry Mullins			
<b>LEASE &amp; WELL NAME</b> KATE RED D29-3J - API 05123163730000			<b>LOCATION</b> Sec.29 - T3N - R64W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado				
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Bohler Well Service			<b>TYPE OF JOB</b> Squeeze-Perforation				
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>PHYSICAL SLURRY PROPERTIES</b>						
				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>
<b>MATERIALS FURNISHED BY BJ</b>										
Calcium Chloride Water					8.5				15	
Water					8.34				5	
Sodium Metasilicate Water					8.5				15	
Water					8.34				5	
Class G + 0.5% CaCl				150	15.8	1.15	5.00	01:00	30.78	17.86
Water					8.34				17.5	
Water					8.34				5	
Available Mix Water 120 Bbl. Available Displ. Fluid 50 Bbl.								<b>TOTAL</b>	86.78	17.86
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>				<b>COLLAR DEPTHS</b>			
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>SIZE</b>	<b>WGT.</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>
7.875	0	7649	3.5	9.3	CSG	7649	K-55			0
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>
<b>SIZE</b>	<b>WGT</b>	<b>TYPE</b>	<b>DEPTH</b>	<b>BRAND &amp; TYPE</b>		<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>
8.625	24	CSG	550	Tension Packer		4070	4462	4492	2.375	8 RD.
										WATER BASED MUD
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>	
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>
19.1	BBLS	Water	8.34	0	1000	3000	8500	3000	6000	3000
										<b>MIX WATER</b>
Transport										
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:</b>										
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</b>				
<b>TIME HR:MIN.</b>	<b>PRESSURE - PSI</b>		<b>RATE BPM</b>	<b>Bbl. FLUID PUMPED</b>	<b>FLUID TYPE</b>	<b>SAFETY MEETING: BJ CREW</b> <input checked="" type="checkbox"/> <b>CO. REP.</b> <input checked="" type="checkbox"/>				
	<b>PIPE</b>	<b>ANNULUS</b>				<b>TEST LINES</b> 7000 PSI				
						<b>CIRCULATING WELL - RIG</b> <input type="checkbox"/> <b>BJ</b> <input checked="" type="checkbox"/>				
06:30	0	0	0	0	0	Arrive on location				
08:40	7000	0	0	0	0	Have safety meeting and test BJ lines				
08:52	0	900	3	0	0	Start fresh water ahead				
08:54	0	900	3	5	WATER	Start Calcium Chloride water				
09:00	1700	800	2.2	15	WATER	Start fresh water spacer				
09:02	1650	800	2.2	5	WATER	Shut down, tighten swage at swivel				
09:05	0	700	2	0	0	Start Sodium Metasilicate water				
09:06	1400	750	2	2	WATER	Shut down, Take swage out and put on thread tape				
09:10	1635	700	2	0	0	Resume Sodium Metasilicate water				
09:16	1550	725	2	13	WATER	Start fresh water spacer				
09:19	1550	700	2	5	WATER	Shut down, batch cement to weight and check w/ mud cup				
09:25	1000	700	2	0	0	Start 150 sx. Class "G" Cement + 0.5% Calcium Chloride + 44.4% Water @ 15.80 ppg.				
09:40	600	700	2	30.7	CEMENT	Shut down, wash pumps and lines				
09:46	2520	700	2.3	0	0	Start fresh water displacement				
09:54	1510	700	.3	16	WATER	Slow rate				
09:59	1722	700	.2	1.5	WATER	Shut down, let cement set(17.5 bbl. disp. total)				
10:04	1616	700	.1	0	0	Resume displacement				
10:05	3020	700	.1	.1	WATER	Shut down ( 17.6 bbl. total disp.)				
10:07	2981	700	0	0	0	Squeeze holding, bleed-off pressure slowly, release packer and pull tubing				
11:00	0	0	2	0	0	Load casing and pressure up on cement				



## SUPPLEMENTAL CEMENT JOB REPORT

Field Receipt # 225123328

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<b>CUSTOMER</b> Patina Oil & Gas Corporation		<b>DATE</b> 22-AUG-03		<b>F.R. #</b> 225123328		<b>SERV. SUPV.</b> Larry Mullins	
<b>LEASE &amp; WELL NAME - OCSG</b> KATE RED D29-3J - API 05123163730000		<b>LOCATION</b> Brighton		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Bohler Well Service		<b>TYPE OF JOB</b> Squeeze-Perforation			
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</b>	
<b>TIME</b> HR:MIN	<b>PRESSURE - PSI</b> PIPE    ANNULUS		<b>RATE</b> BPM	<b>Bbl. FLUID</b> PUMPED	<b>FLUID</b> TYPE		
11:03	1000	1000	2	6	WATER	Shut down, close in annulus valve, bleed-off pressure, rig down BJ equipment	
<b>BUMPED</b> PLUG	<b>PSI TO</b> <b>BUMP</b> PLUG	<b>TEST</b> FLOAT EQUIP.	<b>BBL.CMT</b> RETURNS/ REVERSED	<b>TOTAL</b> BBL PUMPED	<b>PSI</b> LEFT ON CSG	<b>SPOT</b> TOP OUT CEMENT	<b>SERV. SUPV.</b> <i>Larry Mullins</i>
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	99.3	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	