

JOB LOG

SWIFT Services, Inc.

DATE Jun 12 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Grand Mesa		1-26		Phillip		2 stage cement log string		23110	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
									175 sks EA-2 w/ 1/4" floccle 300 sk SMD w/ 1/4" floccle
									5 1/2 15.5" casing 111 jts RTD 4631'
									pipe = 4635' shoejt 26' plug back 4609'
									DV #54 2358' basket 2.54 100ft sandbars
									Cont. 2,4,6,8,10,12,14,16,53
	1000								on loc TRK 114
	1030								start 5 1/2 15.5" casing in well
	1235								Drop ball - circulate - ROTATE
	1300	4 3/4	12				200		Pump 500 gal mud flush
		4 3/4	26				200		Pump 20 bbl KCL flush
	1308	9 3/4	43				250		Mix EA-2 cement 175 sks @ 15.3 ppg
									Drop latch down plug (1st stage plug)
									wash out pump & line
	1315	6 3/4	54				250		Displace plug w/ H2O
			56						Displace w/ mud
	1330	6 3/4	110				1500		Land plug
									Release pressure to truck - dried up
	1335								Drop bomb
									wash truck
	1350						1000		Open DV tool
	1355								Circulate well
	1515 1527	4 3/4	20				250		Pump 20 bbl KCL flush
			7						Plug RH - MH 30 sks - 20 sks
	1550	4 3/4	160				250		Mix SMD cement 280 sks @ 11.2 ppg
									Drop 2nd stage plug
									Cement to
	1615	6 3/4					300		Displace plug
		6 3/4	40				450		- cement to surface - 30 sk to pit
	1630	6 3/4	56				1500		Land plug - close DV tool
									Release pressure to truck - dried up
	1635								wash truck
									Back up
	1700								job complete
									thanks
									Bob Doug Dave & Blaine

(2nd stage)
250 sk mixed
30 to pit

Pro-Stim Chemicals, LLC

P.O. Box 25
 Cheyenne Wells, CO 80810

JUL - 5 2012

Invoice

Date	Invoice #
6/28/2012	66595

Bill To
Grand Mesa Operating Co. 1700 N. Waterfront Pkwy - Bldg 600 Wichita, KS 67206-6614

Ship To

Requested By	Terms	Ship	Lease
	Net 30	6/20/2012	PHILLIPS #1-26

Quantity	Item Code	Description	Price Each	Amount
250	RWR-1 15%	GALLONS	2.82	705.00
30	KCL BIOCIDES - 2%	BRLS	3.16	94.80
1	DUMP JOB		158.00	158.00T
3.5	TRUCK TIME	HOURS	95.00	332.50T
		Sales Tax - GOVE CO.	8.05%	39.49

Total			\$1,329.79
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Phone #	Fax #	E-mail
719-767-8071	719-767-5925	prostim@hotmail.com

Pro-Stim Chemicals LLC

66608

Date 6/21/12

Acidizing Report

Customer Grand Mesa	Pro-Stim Chemical Yard Oighton	Pro-Stim Number
Well Name & Number Phillip	Field	Formation FT SCOTT
County Gove State KS	BHT	YD
		Interval 4398-08

Well Type: Completion Recompletion Workover Oil Gas Water Disposal Perf OH

Job Pumped Via: Tubing Casing Annulus CTU Combination Plug Depth Packer Depth **4350**

Casing Size: **5 1/2** GRD WT Depth Tubing Size: **2 7/8** GRD WT Spot **1 BBL 439**

Casing Vol. Tbg Vol Ann Vol OH Vol Total Displacement

Maximum Pressure Tubing Casing Proposed Pump Time AOL Leave Loc

Special Instructions:
 1250 Gals 15% with 25 S-3000 5-S-262
 30 BBLs 2% KCL 19 Re-Nob 3-AP150
 20 Bro Balls 5 Ac-307

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
1	Acid	SPOTED		1			Prs Test to _____ psi
11	Acid	3.4		6	0	0	
15	Acid	3.5		19	0	0	
18	Acid	3.5		24	0	0	
19	Acid	0		24.1	300	0	Loaded
20	Acid	0		24.2	350	0	
25	Acid	0		24.5	450	0	
30	Acid	.25		24.7	600	0	
31	Acid	1		25.5	500	0	
32	Acid	1		28	250	0	
34	Acid	2		30	500	0	
38	Flush	3.4		35	230	0	
41	Flush	3.4		40	180	0	
45	Flush	3.4		45	160	0	
47	Flush	3.4		48	180	0	
52	Flush	3.4		52	200	0	
55	Flush	3.4		57	210	0	
57	Flush	3.4		60	210	0	

Ball Action

Treatment Synopsis

Avg Inj Rate	Fluid BPM 3.4	Total Injected			H2O 30	Acid 30	Oil
Treating Prs	Max 600	Final 210	Avg. 200	ISIP vac	5'SI	10'SI	15'SI

Customer Representative *Tate Anderson* Pro-Stim Supervisor *[Signature]*

Pro-Stim Chemicals, LLC

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Requested By	Terms	Ship	Lease
	Net 30	6/21/2012	PHILLIPS #1-26

Quantity	Item Code	Description	Price Each	Amount
1,250	15% HCl ACID	GALLONS	1.78	2,225.00
25	S-3000	GALLONS	23.56	589.00
19	RENAB	GALLONS	17.89	339.91
5	AC-307	GALLONS	18.61	93.05
5	S-262	GALLONS	14.36	71.80
3	AI-150	GALLONS	20.15	60.45
20	BALLS - BIO-DEGRADEA...	EACH	7.00	140.00
1	BALL LAUNCHER		80.00	80.00
30	KCL BIOCIDES - 2%	BRLS	3.16	94.80
1	DUMP JOB		158.00	158.00T
3.5	TRUCK TIME	HOURS	95.00	332.50T
		Sales Tax - GOVE CO.	8.05%	39.49

			Total	\$4,224.00
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719-767-8071	719-767-5925	prostim@hotmail.com