



CONSOLIDATED
Oil Well Services, LLC

258252

TICKET NUMBER 39901
LOCATION Oakley, KS
FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-23-13	3372	Hess 1-23	23	12	32	Logan	
CUSTOMER		Mailing Address		TRUCK #		DRIVER	
Grand Mesa		Oakley		405		Jerry P	
CITY		STATE		460		Ed	
ZIP CODE							

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 227 CASING SIZE & WEIGHT 8 3/8 24#
 CASING DEPTH 227 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 148 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 13 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting rigged up on Murfin #22, hooked up to circulate, mixed 165 sacks com 3% cc 2% gel & displaced with 13 bbl water, shut in, washed out pumps & lines, rigged down
Cement did circulate

Approx 4 bbl to pit

*Thank You
Kelly & Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54013	1	PUMP CHARGE	1150.00	1150.00
5406	10	MILEAGE	52.50	525.00
11045	165 sacks	Class A Cement	18.55	3060.75
1102	465 #	Calcium chloride	.94	437.10
11813	310 #	Bentonite	.27	83.70
5407	7.76	Ton Mileage delivery	175	420.00
completed				
				5214.95
				5214.95
				41692.61
SALES TAX				251.42
ESTIMATED TOTAL				4944.06

Revin 3737

7:00 PM AUTHORIZATION Kelly Wilson

TITLE _____

DATE 4-23-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

SWIFT Services, Inc. in

DATE 5-7-13 PAGE NO 1

Mesa Operating

WELL NO. # 1-23

LEASE Hess

JOB TYPE Longstring

TICKET NO. 23992

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0630							on loc w/ FE
								RTD 4650'
								5 1/2" x 15.5" x 4648' x 11'
								Centralizers 2, 4, 6, 8, 10, 12, 14, 16, 51
								Back 4, 52
								P.C. 52 @ 2550'
	0945							start FE rehang Tags
	1240							Break Circulation
								200 SKS
	1300	2.5	7/4					Plug RH & MH 30/15 sks EA-2
	1308	5	0			200		start Mud Flush 500 gal
	1310	5	12/0			200		start KCL Flush 20 bbl
	1314	5	20/0			200		start 155 sks EA-2 Cement
	1321	5	37					End Cement
								Wash P & L
								Drop L.D. Plug
	1326	6	0			200		Start Displacement
	1339	5	80			250		Catch Cement
	1345		110.3			650 1300		Land Plug
								Release Pressure
								Floater Held
								Thank you
								Nick, David E. & Flint

JOB LOG

SWIFT Services, Inc.

DATE 5-14-13 PAGE NO.

CUSTOMER Grand Mesa WELL NO. 1-23 LEASE Hess JOB TYPE 5 1/2 Port Collar TICKET NO. 24414

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							on location
								Start Port Collar operation
	1130							locate Port Collar @ 2503
	1145				✓		1000	Pressure test
								open Port Collar
		3			✓		400	Injection Rate
	1200			✓				Start Cement
			3	✓				set circulation
			110	✓				Circulate Cement 200 sks SMD
			115	✓				Bring weight up 25 sks SMD
	1235		13.5	✓				Start Displacement
	1240							close Port Collar
					✓		1000	Pressure test Hold
								Run 5 joints
	1250		60	✓				Reverse out Clean
	1400							Job Complete Thank You Josh, Brian, Isaac
								mixed 225 sks 30 to pit

Pro-Stim Chemicals LLC

Date 5/22/13

Acidizing Report

Customer Grand Mesa Pro-Stim Chemical Yard Dighton Pro-Stim Number A6
 Well Name & Number Hess 1-23 Field _____ Formation _____ Spot 4.0
 County Logan State KS BHT _____ YD _____ Interval 4598-4603

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

Job Pumped Via: Tubing Casing Annulus CTU Combination Plug Depth _____ Packer Depth 4525

Casing Size: 5 1/2 GRD _____ WT _____ Depth _____ Tubing Size: 2 7/8 GRD _____ WT _____ Spot 4625

Casing Vol. 2.0 Tbg Vol 26.2 Ann Vol _____ OH Vol _____ Total Displacement 28.2

Maximum Pressure _____ Tubing _____ Casing _____ Proposed Pump Time _____ AOL _____ Leave Loc _____

Special Instructions:

750 gals HC-1 Acid; 24 gals S-3000;
12 gal Renak; 3 gal. AR-1030; 3 gal S-2102;
3 gal. AC-307; 3 gal. AI-150, 30 lbs KCl
Biocide

Treatment Record

Time	Type Fluid	Rate BPM	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
<u>1</u>	<u>Acid</u>						
<u>14</u>	<u>Acid</u>	<u>3.2</u>		<u>5</u>	<u>30</u>		<u>start to load hole</u>
<u>18</u>	<u>Acid</u>	<u>3.5</u>		<u>18</u>	<u>40</u>		<u>Acid gone</u>
<u>22</u>	<u>Flush</u>	<u>0</u>		<u>28.3</u>	<u>100</u>		<u>loaded</u>
<u>24</u>	<u>Flush</u>	<u>1.5</u>		<u>28.8</u>	<u>350</u>		
<u>24</u>	<u>Flush</u>	<u>1.0</u>		<u>29.3</u>	<u>350</u>		
<u>25</u>	<u>Flush</u>	<u>1.5</u>		<u>30.2</u>	<u>480</u>		
<u>27</u>	<u>Flush</u>	<u>2.0</u>		<u>33.1</u>	<u>500</u>		<u>max</u>
<u>28</u>	<u>Flush</u>	<u>2.0</u>		<u>36.2</u>	<u>470</u>		
<u>33</u>	<u>Flush</u>	<u>2.0</u>		<u>46.2</u>	<u>500</u>		<u>Total load</u>

Treatment Synopsis

Avg Inj Rate	Fluid BPM	Total Injected	H2O <u>18</u>	Acid <u>28.2</u>	Oil _____
Treating Prs	Max: <u>500</u>	Final <u>500</u>	Avg. _____	ISIP <u>450</u>	5'SI <u>170</u> 10'SI <u>90</u> 15'SI <u>VAC</u>
Customer Representative			Pro-Stim Supervisor <u>Shannon M.</u>		

Pro-Stim Chemicals LLC

Date **5/23/13**

Acidizing Report

Customer Grand Mesa	Pro-Stim Chemical Yard Oighton	Pro-Stim Number A#9
Well Name & Number Hess #1-23	Field	Formation Johnson Spot
County Logan State KS	BHT	YD
Well Type: Completion <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Workover <input type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Water <input type="checkbox"/> Disposal <input type="checkbox"/> Perf <input type="checkbox"/> OH <input type="checkbox"/>	Interval 4598-4603	
Job Pumped Via: Tubing <input checked="" type="checkbox"/> Casing <input type="checkbox"/> Annulus <input type="checkbox"/> CTU <input type="checkbox"/> Combination <input type="checkbox"/> Plug Depth	Packer Depth 4525	
Casing Size: 5 1/2	GRD	WT
Casing Vol.	Tbg Vol	Ann Vol
Maximum Pressure	Tubing	Casing

Special Instructions:
1000 gal 15% RWR-1
28 BBLs 2% KCL
3 gal AR-600

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
1	Acid	6.5		18	0		
4	Acid	6.5		24	0		Acid done
5	Flush	5.5		28	0		Well Load
6	Flush	3.0		30	600		
7	Flush	3.0		32	650		
8	Flush	3.0		34	675		
9	Flush	3.0		35.5	640		
10	Flush	3.5		38	700		
11	Flush	3.5		41	680		
12	Flush	4.0		45	750		
13	Flush	4.0		48	700		
14	Flush	4.0		52	700		

Treatment Synopsis

Avg Inj Rate	Fluid BPM 3.0	Total Injected	H2O 28	Acid 24	Oil
Treating Prs	Max 750	Final 700	Avg 600	ISIP 600	5'SI 200
Customer Representative				10'SI 140	15'SI 490
				Pro-Stim Supervisor	

Pro-Stim Chemicals LLC

Acidizing Report

Date **5-29-13**

Customer Grand Mesa		Pro-Stim Chemical Yard Dighton		Pro-Stim Number A-11	
Well Name & Number Hess 1-23		Field		Formation Spot B/235	
County Logan	State KS	BHT	YD	Interval 4210-16	

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

Job Pumped Via: Tubing Casing Annulus CTU Combination Plug Depth _____ Packer Depth **4170**

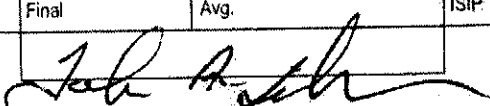
Casing Size: 5 1/2	GRD	WT	Depth	Tubing Size: 2 7/8	GRD	WT	Spot
Casing Vol. 1.09	Tbg Vol 24.14	Ann Vol	OH Vol	Total Displacement 25.23			
Maximum Pressure	Tubing	Casing	Proposed Pump Time	AOL	Leave Loc		

Special Instructions: **500gal 15% HC¹⁶ 5200 8 RenAB 30bbls KCL 220 Biocide**
2ARG30 25262
2AC307 2A160

Treatment Record

Time	Type Fluid	Rate BMP	Increment Vol Bbls	Cum Vol Bbls	Pressure		Observations
					Tubing	Casing	
							Safety Meeting
							Prs Test to _____ psi
	Acid	2.3	2.0		0		Spot
	"	2.4	5.5		0		
	"	2.5	12.9		0		
	Flush	2.5	12.0		0		
	"	1.0	26.1		30		Loaded
	"	2.0	27.3		370		
	"	2.0	30		400		
	"	2.0	32		400		
	"	2.0	35		390		
	"	2.0	37.1		380		

Treatment Synopsis

Avg Inj Rate	Fluid BPM	Total Injected			H2O 25.2	Acid 11.9	Oil	
Treating Prs	Max	Final	Avg.	ISIP 150	20 su + 0 psi		15'SI	
Customer Representative					Pro-Stim Supervisor			