

JOB LOG

SWIFT Services, Inc.

DATE 11 Dec 14 PAGE NO. 1

CUSTOMER *Ladson Engineering* WELL NO. *1-19* LEASE *Shmke-fisher* JOB TYPE *Cement port collar* TICKET NO. *28128*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<i>20sk SMD cement w/ 1/4" flocals</i> <i>2 3/4" x 5 1/2" Port collar 2196'</i>
	<i>0830</i>							<i>on loc TRK 110</i>
	<i>0840</i>					<i>1000</i>	<i>1000</i>	<i>test to 1000 psi - held</i> <i>open port collar</i>
	<i>0849</i>	<i>3</i>	<i>3</i>			<i>400</i>		<i>inj rate 3 bpm @ 400 psi</i>
	<i>0853</i>	<i>3</i>				<i>400</i>		<i>mix SMD cement @ 11.2 ppg</i>
		<i>3</i>	<i>12</i>			<i>400</i>		<i>fluid to surface</i>
		<i>3</i>	<i>79</i>			<i>600</i>		<i>— cement to surface</i> <i>{ 150' mixed }</i> <i>{ 15' to pit }</i>
		<i>3</i>	<i>8</i>			<i>600</i>		<i>Displace 8 bbl H₂O</i> <i>close port collar</i>
	<i>0932</i>					<i>1000</i>	<i>1000</i>	<i>test to 1000 psi - held</i> <i>Run 5 joints</i>
	<i>0943</i>		<i>20</i>					<i>Reverse hole clean</i> <i>- 2 cement plugs -</i>
	<i>0953</i>							<i>wash truck</i> <i>Back up</i>
	<i>1020</i>							<i>job complete</i> <i>Thru</i> <i>Print, Blank & Craig</i>