Schlumberger Cementing Service Report

Customer	Job Number
Source Energy	1009763

Well	Location (legal)	Schlumberger Location	Job Start
Neises Trust 4-11-4-14H 4-11-4-14H	Wellington	El Reno, oklahoma	Jul/23/2013

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
		deg	6.1 in	8410.0 ft	ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Sumner	Kansas	psi	degF	degF	lb/gal
Well Mast SEC. 4 - 32S - 2E	API/UWI				

Rig Name	Drilled For	Service Via
HWD #7	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	New	Development

Drilling Fluid Type	Max. Density	Plastic Viscosity
	lb/gal	cP

Service Line	Job Type
Cementing	Cement Liner

Max. Allowed Tub. Press	Max. Allowed Ann. Press	WH Connection
psi	psi	Single Cement head

Service Instructions

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
8410.0	4.5	15.1	N80	8RD
0.0	0.0	0.0		

Tubing/Drill Pipe

T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
D	3923.0	4.0	14.0		
D	2105.0	4.0	11.9		

Perforations/Open Hole

Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval
ft	ft			ft
ft	ft			Diameter
ft	ft			in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	97.7 bbl		ft
Tubing Vol.	**Casing Vol.**	**Annular Vol.**	**Openhole Vol.**
32.1 bbl	66.0 bbl	bbl	bbl

Casing/Tubing Secured ☐	1 Hole Vol. Circulated prior to Cement ☐	Casing Tools	Squeeze Job
Lift Pressure psi		Shoe Type Float	Squeeze Type
Pipe Rotated ☐	Pipe Reciprocated ☐	Shoe Depth ft	Tool Type
No. Centralizers	Top Plugs / Bottom Plugs	Stage Tool Type	Tool Depth ft
Cement Head Type Single		Stage Tool Depth ft	Tail Pipe Size in
Job Scheduled For Jul/23/2013	Arrived on Location Jul/23/2013	Collar Type	Tail Pipe Depth ft
Leave Location Jul/23/2013		Collar Depth ft	Sqz. Total Vol. bbl

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/23/2013	15:30:22	5	0.0	8.32	0.0	
07/23/2013	15:30:23	5	0.0	8.32	0.0	Start Job
07/23/2013	15:30:26	5	0.0	8.32	0.0	Start Pumping Spacer
07/23/2013	15:31:57	7	0.0	8.32	0.0	
07/23/2013	15:33:32	9	0.0	8.32	0.0	
07/23/2013	15:35:07	51	0.0	8.32	2.0	
07/23/2013	15:36:42	51	0.0	8.32	2.0	
07/23/2013	15:38:17	1733	0.0	8.32	2.1	
07/23/2013	15:39:52	7	0.0	8.32	2.1	
07/23/2013	15:41:27	5	0.0	8.32	2.1	
07/23/2013	15:43:02	5	0.0	8.32	2.1	
07/23/2013	15:44:37	5	0.0	8.32	2.1	
07/23/2013	15:46:12	4	0.0	8.32	2.1	
07/23/2013	15:47:47	892	0.0	8.32	2.3	
07/23/2013	15:49:22	6	0.0	8.32	2.3	
07/23/2013	15:50:34	11	0.0	8.32	2.3	Pressure Test Lines
07/23/2013	15:50:57	4769	0.0	8.32	2.4	
07/23/2013	15:52:32	8	0.0	8.32	2.4	
07/23/2013	15:54:07	5	0.0	8.32	2.4	
07/23/2013	15:55:42	5	0.0	8.32	2.4	
07/23/2013	15:57:17	4	0.0	8.32	2.4	

Well	Field	Job Start	Customer	Job Number
Neises Trust 4-11-4-14H 4-11-4-14H		Jul/23/2013	Source Energy	1009763

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/23/2013	16:00:27	7	0.0	8.32	2.5	
07/23/2013	16:02:02	7	0.0	8.31	2.5	
07/23/2013	16:03:37	33	0.0	8.32	2.5	
07/23/2013	16:05:12	46	0.0	8.32	2.5	
07/23/2013	16:06:24	107	1.6	8.32	2.8	start pumping ball down
07/23/2013	16:06:47	475	4.2	8.31	4.0	
07/23/2013	16:08:22	453	4.1	8.32	10.3	
07/23/2013	16:09:57	430	4.0	8.32	16.8	
07/23/2013	16:11:32	453	4.1	8.32	23.3	
07/23/2013	16:13:07	459	4.2	8.31	29.8	
07/23/2013	16:14:42	440	4.0	8.31	36.3	
07/23/2013	16:16:17	441	4.2	8.31	42.8	
07/23/2013	16:17:52	457	4.1	8.31	49.2	
07/23/2013	16:19:27	474	4.2	8.31	55.7	
07/23/2013	16:21:02	475	4.1	8.31	62.2	
07/23/2013	16:22:37	466	4.2	8.31	68.7	
07/23/2013	16:24:12	227	2.4	8.31	74.1	
07/23/2013	16:25:47	226	2.4	8.31	78.0	
07/23/2013	16:27:22	228	2.5	8.31	82.0	
07/23/2013	16:28:57	227	2.5	8.31	85.9	
07/23/2013	16:30:32	229	2.4	8.31	89.8	
07/23/2013	16:32:07	228	2.4	8.31	93.7	
07/23/2013	16:33:42	728	2.5	8.31	97.6	
07/23/2013	16:35:17	2559	0.0	8.31	98.5	
07/23/2013	16:36:52	2607	0.0	8.31	98.5	
07/23/2013	16:38:27	7	0.0	8.31	98.5	
07/23/2013	16:40:02	7	0.0	8.31	98.5	
07/23/2013	16:41:37	6	0.0	8.31	98.5	
07/23/2013	16:43:12	6	0.0	8.31	98.5	
07/23/2013	16:44:47	6	0.0	8.31	98.5	
07/23/2013	16:46:22	5	0.0	8.31	98.5	
07/23/2013	16:47:57	5	0.0	8.31	98.5	
07/23/2013	16:49:32	5	0.0	8.31	98.5	
07/23/2013	16:51:07	5	0.0	8.31	98.5	
07/23/2013	16:52:42	5	0.0	8.31	98.5	
07/23/2013	16:54:17	5	0.0	8.32	98.5	
07/23/2013	16:55:52	5	0.0	8.31	98.5	
07/23/2013	16:57:27	5	0.0	8.31	98.5	
07/23/2013	16:59:02	5	0.0	8.31	98.5	
07/23/2013	17:00:37	8	0.0	8.31	98.5	
07/23/2013	17:02:12	381	0.0	8.31	99.6	
07/23/2013	17:03:05	397	0.0	8.31	99.6	pressure up to blow ball
07/23/2013	17:03:47	396	0.0	8.31	99.6	
07/23/2013	17:05:22	2984	0.7	8.31	100.6	
07/23/2013	17:06:57	194	2.3	8.31	101.2	
07/23/2013	17:07:02	211	2.4	8.31	101.4	Reset Total, Vol = 101.36 bbl
07/23/2013	17:08:32	43	0.0	8.31	104.3	
07/23/2013	17:10:07	377	3.9	8.24	108.2	
07/23/2013	17:10:21	374	3.9	9.06	109.1	End Spacer
07/23/2013	17:10:23	393	3.9	9.15	109.3	Start Cement Slurry
07/23/2013	17:10:25	388	3.9	9.15	109.4	Reset Total, Vol = 8.05 bbl
07/23/2013	17:11:42	524	3.9	12.80	114.4	
07/23/2013	17:13:17	434	3.9	13.53	120.6	
07/23/2013	17:14:52	318	3.9	13.36	126.7	

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Neises Trust 4-11-4-14H 4-11-4-14H		Jul/23/2013	Source Energy	1009763

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/23/2013	17:18:02	260	4.0	13.56	139.1	
07/23/2013	17:19:37	212	3.9	12.99	145.3	
07/23/2013	17:21:12	254	3.9	13.59	151.4	
07/23/2013	17:22:47	224	3.9	13.11	157.6	
07/23/2013	17:24:22	252	3.9	13.50	163.8	
07/23/2013	17:25:57	248	3.9	13.40	169.9	
07/23/2013	17:27:32	253	4.0	13.62	176.1	
07/23/2013	17:29:07	242	3.9	13.43	182.3	
07/23/2013	17:30:42	255	3.9	13.53	188.5	
07/23/2013	17:32:07	11	0.3	16.42	193.7	End Cement Slurry
07/23/2013	17:32:12	12	0.0	16.35	193.7	Remark
07/23/2013	17:41:41	3	0.0	8.31	193.7	Reset Total, Vol = 84.31 bbl
07/23/2013	17:41:47	2	0.0	8.31	193.7	
07/23/2013	17:41:50	3	0.0	8.31	193.7	Start Displacement
07/23/2013	17:41:56	32	1.7	8.31	193.8	Drop Top Plug
07/23/2013	17:43:22	174	6.1	8.31	201.5	
07/23/2013	17:44:57	605	4.8	8.31	211.1	
07/23/2013	17:46:32	297	3.1	8.31	217.3	
07/23/2013	17:48:07	424	3.0	8.31	222.2	
07/23/2013	17:49:42	702	3.0	8.31	227.0	
07/23/2013	17:51:17	835	4.5	8.31	233.3	
07/23/2013	17:52:52	801	4.5	8.31	240.3	
07/23/2013	17:54:27	797	4.5	8.31	247.5	
07/23/2013	17:56:02	806	4.6	8.31	254.7	
07/23/2013	17:57:37	804	4.5	8.31	261.9	
07/23/2013	17:59:12	812	4.6	8.31	269.0	
07/23/2013	18:00:47	787	4.5	8.31	276.2	
07/23/2013	18:02:22	496	3.1	8.31	282.1	
07/23/2013	18:03:57	508	3.1	8.31	287.0	
07/23/2013	18:05:32	512	3.1	8.31	291.9	
07/23/2013	18:06:43	1743	0.0	8.31	293.8	End Displacement
07/23/2013	18:06:46	1744	0.0	8.31	293.8	Bump Top Plug
07/23/2013	18:07:07	1833	0.0	8.31	293.8	
07/23/2013	18:08:42	8	0.0	8.31	293.8	
07/23/2013	18:09:46	60	2.2	8.31	294.0	floats held
07/23/2013	18:10:17	429	0.0	8.31	294.3	
07/23/2013	18:11:52	354	0.0	8.31	294.3	
07/23/2013	18:13:27	87	0.0	8.31	294.3	
07/23/2013	18:15:02	47	0.0	8.31	294.3	
07/23/2013	18:16:37	328	4.0	8.32	299.2	
07/23/2013	18:18:12	1169	7.8	8.31	310.5	
07/23/2013	18:19:47	1193	7.8	8.32	322.7	
07/23/2013	18:21:22	1191	7.8	8.31	335.0	
07/23/2013	18:22:57	1194	7.7	8.31	347.3	
07/23/2013	18:24:32	1201	7.8	8.31	359.7	
07/23/2013	18:26:07	1171	7.8	8.31	372.0	
07/23/2013	18:27:42	1190	7.8	8.31	384.3	
07/23/2013	18:29:17	1192	7.7	8.31	396.6	
07/23/2013	18:30:52	1186	7.8	8.31	408.9	
07/23/2013	18:32:27	1191	7.8	8.32	421.2	
07/23/2013	18:34:02	7	0.0	8.31	424.3	
07/23/2013	18:35:37	10	0.0	8.31	424.3	
07/23/2013	18:36:26	8	0.0	8.31	424.3	Reset Total, Vol = 230.61 bbl
07/23/2013	18:37:12	9	0.0	8.31	424.3	

Well	Field	Job Start	Customer	Job Number
Neises Trust 4-11-4-14H 4-11-4-14H		Jul/23/2013	Source Energy	1009763

Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message
07/23/2013	18:40:22	7	0.0	8.31	424.3	
07/23/2013	18:41:57	7	0.0	8.32	424.3	
07/23/2013	18:43:32	7	0.0	8.31	424.3	
07/23/2013	18:44:38	246	0.7	8.32	424.4	test liner top
07/23/2013	18:45:07	1231	0.6	8.31	424.8	
07/23/2013	18:46:42	2880	0.4	8.31	425.4	
07/23/2013	18:48:17	4497	0.0	8.31	426.0	
07/23/2013	18:49:52	4115	0.0	8.31	426.0	
07/23/2013	18:51:27	10	0.0	8.31	426.0	
07/23/2013	18:53:02	9	0.0	8.31	426.0	
07/23/2013	18:54:37	10	0.0	8.31	426.0	
07/23/2013	18:56:12	10	0.0	8.31	426.0	
07/23/2013	18:57:47	11	0.0	8.32	426.0	
07/23/2013	18:59:22	14	0.0	8.32	426.0	
07/23/2013	19:00:57	16	0.0	8.32	426.0	
07/23/2013	19:02:32	16	0.0	8.32	426.0	
07/23/2013	19:04:07	15	0.0	8.32	426.0	
07/23/2013	19:05:42	13	0.0	8.33	426.0	
07/23/2013	19:07:17	13	0.0	8.33	426.0	
07/23/2013	19:08:52	12	0.0	8.32	426.0	
07/23/2013	19:10:27	11	0.0	8.33	426.0	
07/23/2013	19:12:02	10	0.0	8.33	426.0	
07/23/2013	19:13:37	9	0.0	8.33	426.0	
07/23/2013	19:14:02	9	0.0	8.33	426.0	start pumping to blow wet shoe bypass
07/23/2013	19:14:58	9	0.0	8.33	426.0	Reset Total, Vol = 1.71 bbl
07/23/2013	19:15:12	8	0.0	8.33	426.0	
07/23/2013	19:16:47	52	0.7	8.33	426.6	
07/23/2013	19:18:03	165	0.9	8.32	427.7	Reset Total, Vol = 1.70 bbl
07/23/2013	19:18:06	120	0.9	8.32	427.8	blow wet show bypass
07/23/2013	19:18:22	296	2.3	8.32	428.2	
07/23/2013	19:19:27	62	0.0	8.33	431.4	Shutdown
07/23/2013	19:19:57	64	0.0	8.33	431.4	
07/23/2013	19:21:32	7	0.0	8.33	431.4	
07/23/2013	19:23:07	7	0.0	8.33	431.4	
07/23/2013	19:24:42	5	0.0	8.33	431.4	
07/23/2013	19:26:17	5	0.0	8.33	431.4	
07/23/2013	19:27:52	5	0.0	0.03	431.4	

Post Job Summary

Average Pump Rates, bbl/min			
Slurry	N2	Mud	Maximum Rate
3.9			7.9

Volume of Fluid Injected, bbl			
Total Slurry	Mud	Spacer	N2
431.4	0.0	109.1	

Treating Pressure Summary, psi				
Maximum	Final	Average	Bump Plug to	Breakdown
5337	4	471		

Breakdown Fluid		
Type	Volume	Density
	bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume
%	0.0 bbl	100.1 bbl	degF		bbl
				Washed Thru Perfs	To ft

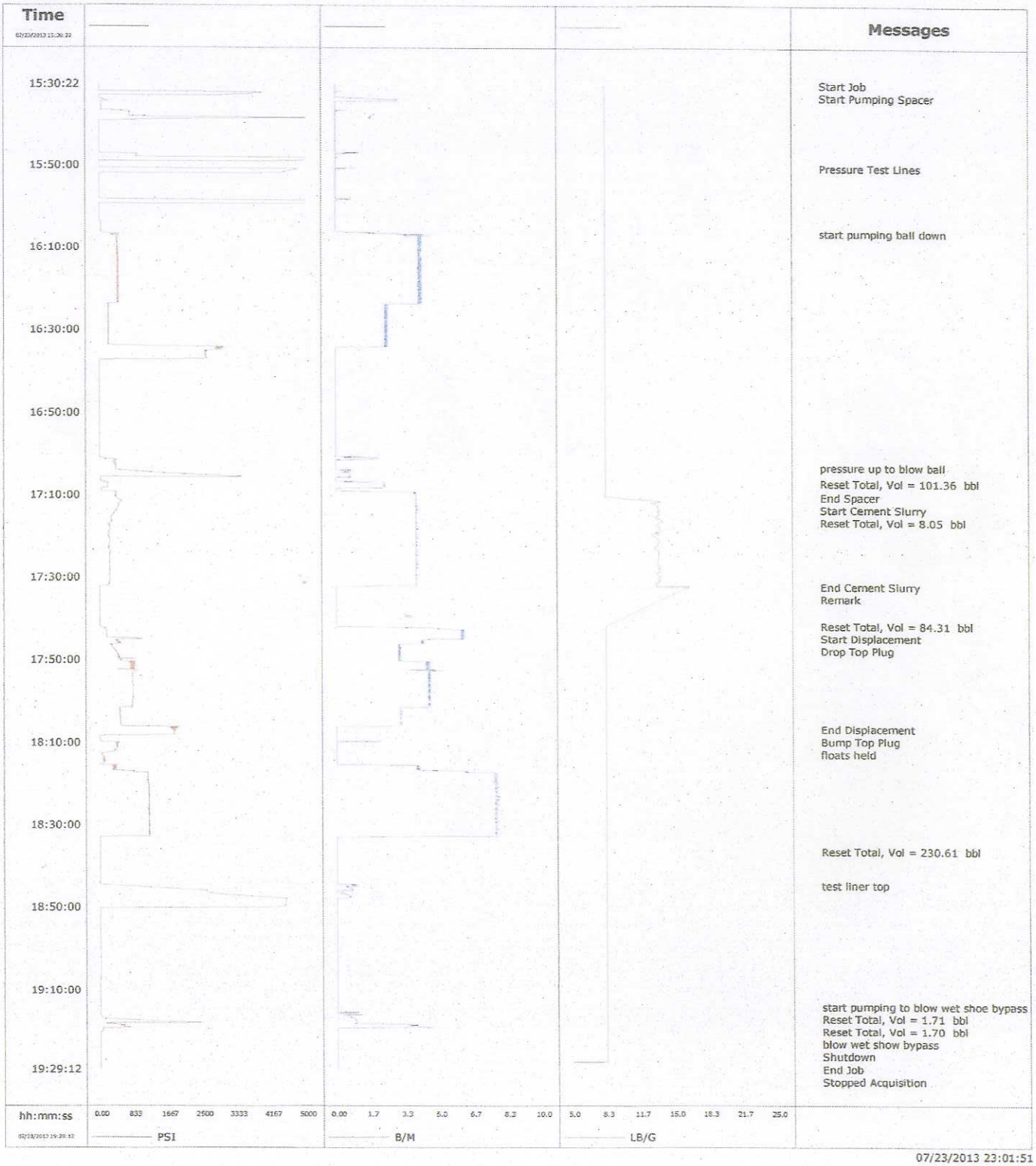
Customer or Authorized Representative	Schlumberger Supervisor	Circulation Lost	Job Completed
Mr. Charles Vallot	Daniel Myers	-	-

Schlumberger

Cementing Job Report

CemCAT v1.5

Well	Neises Trust 4-11-4-14H	**Client**	Source Energy
Field		**SIR No.**	1009763
Engineer	Daniel Myers	**Job Type**	Cement Liner
Country	United States	**Job Date**	07-23-2013



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Schlumberger

SOURCE ENERGY PARTNERS PEANUT / CHANCE			SIZE	WEIGHT	GRADE	THREAD	DEPTH
NEISES TRUST	4-11-4-14 H	CASING	7.000	29.00	N80	LTC	4,154
KS	SUMNER		SIZE	WEIGHT	GRADE	THREAD	LENGTH
HWD #7	1155-431298	LINER #1	4.500	15.10	N80	BTC	4,655.46
8,581	0	LINER #2					
WBM	8.4		SIZE	ID	GRADE	THREAD	LENGTH
7/22/2013	ST-1221205 / 210	DRILL PIPE	4.000	3.340	S-135	FH	1,820.86
1 JEFF MOREAU	281-795-7572	HEAVY WT	4.000	2.563	S-135	FH	2,091.48

	TOOL NUMBER	MATERIAL NUMBER	DESCRIPTION	DEPTH (ft.)	LENGTH (ft.)	OD (in.)	ID (in.)
	1		TIE BACK RECEPTACLE WITH 10.57' USABLE ID AND 5.25" ID POLISHED BORE	3,890.98	12.02	5.875	5.250
	2		PV3 LINER TOP PACKER 5" X 7"	3,903.00	3.87	5.938	4.250
2	3		COLLAR	3,906.87	0.87	5.500	4.750
	4		HYD. SET HPS LINER HANGER 5"X 7"	3,907.74	6.64	5.938	4.500
3	5		5" BT&C x 4.50" BT&C X-OVER	3,914.38	1.75	5.500	3.833
	6		121 JTS OF 4.50" X 15.10# N80 BT&C CASING	3,916.13	4,619.07	4.500	3.826
	7		4.50" X 15.10# P110 BT&C BALL CATCH LANDING COLLAR	8,535.20	1.15	5.000	3.750
4	8		4.50" X 15.10# N80 BT&C PUP JT.	8,536.35	7.67	4.500	3.826
	9		4.50" X 15.10# P110 BT&C FLOAT COLLAR	8,544.02	0.98	5.000	4.125
5	10		4.50" X 15.10# P110 BT&C FLOAT SHOE	8,545.00	1.44	5.000	4.125
			SET 3' OFF BOTTOM	8,546.44	34.56		
			TD	8,581.00			
6							
7			TOL @ 3890.98				
			TOP OF PACKER @ 3903.00				
8							
9							
10							

Schlumberger

SDC JOB#	1155-431298	LEASE:	NEISES TRUST	PAGE	1
FIELD:		WELL:	4-11-4-14 H	OF	1
CUSTOMER:	SOURCE ENERGY PARTNERS				

DATE	TIME FROM	TIME TO	DETAIL THE JOB: COMPLETE THIS REPORTING WHAT ACTUALLY TOOK PLACE
7/22/2013	1200AM	230AM	DRIVE TO LOCATION
	230AM	330AM	AOL,CHECK TOOLS, TALK TO CO MAN
	330AM	700AM	TIH LOGGING
	700AM	400PM	TOH LOGGING
	400PM	500PM	R/D LOGGERS
	500PM	645PM	R/U CASING CREW
	645PM	700PM	JSA WITH RIG AND CASING CREW
7/23/2013	700PM	530AM	RIH WITH 121 JTS OF CASING FILLING EVERY 30 JTS.
	130AM	430AM	WAIT ON NEW CASING TONGS TO BE DELIVERED
	530AM	615AM	CIRCULATE LINER CAPACITY THROUGH LAST JT OF CASING. 6 BPM AT 66 PSI
	615AM	800AM	P/U HANGER, INSTALL PLUG AND PWG MIX. R/R IRON ROUGHNECK. R/D CASING CREW.
	800AM	1230PM	RIH WITH 69 JTS OF HWDP AND 42 JTS OF DP. FILL AT 6600'
	1230PM	530PM	TAG BOTTOM 34.56' UP. ATTEMPTED TO WASH DOWN WITH NO SUCCESS. TALKED TO ENG.
			DECISION WAS MADE TO SET THE LINER AND CEMENT.
	530PM	630PM	R/U CEMENTERS, JSA WITH RIG AND CEMENT CREWS.
	630PM	740PM	P/T LINES TO 5000 PSI. DROP BALL. P/U WT 130K . PUMP BALL TO SEAT
	740PM	750PM	SEAT BALL W/ 97BBLS AT 2700PSI. S/O TO HANG LINER. ROTATE 4X GOT 0 BK, 4X GOT 0 BK
			3X GOT 3 BK. P/U WT. 95K INDICATING RELEASE OF LINER
	750PM	820PM	BLOW OUT BALL SEAT WITH 3450PSI. M/P 87.2 BBLS OF 13.5# 40/60 POZ CEMENT
	820PM	900PM	WASH LINES AND DROP PLUG TO DISPLACE. SHEAR LWP WITH 32BBLS AT 830PM.
			PRESSURED FROM 450 TO 900 PSI. BUMPED PLUGS WITH 97.5 BBLS AT 845PM.
			PRESSURED FROM 500 TO 1800 PSI. FLOATS HELD.
	900PM	930PM	P/U 6' TO EXPOSE PACKER SETTING DOGS AND S/O TO SET PV-3 LINER TOP PACKER. P/U
			ADDITIONAL 6' AND CIRCULATE OUT EXCESS CEMENT. 0 BBLS BK. STING BACK INTO TBR.
			CLOSE PIPE RAMS AND P/T PV-3 TO 4500 PSI FOR 5 MIN. GOOD TEST.
	930PM	940PM	PRESSURE UP DOWN THE STRING TO OPEN WET SHOE BYPASS WITH 2500PSI. PUMP 3 BBLS
			TO CLEAR THE SHOE TRACK AND SHUT DOWN.
	940PM	1115PM	FORCE TO CEASE OPERATIONS DUE TO HIGH WINDS, LIGHTNING AND HAIL
	1115PM	1145PM	R/D CEMENTERS
7/24 13	1145PM	1215AM	P/U TO UNSTING FROM TIEBACK. STRING PULLED 35K OVER. WORKED PIPE UP AND DOWN
			WITH NO SUCCESS. P/U TO NEUTRAL WT. BEGIN ROTATING AT 10 RPM. PULL TO 140K AND
			WT. FELL TO 130K. CONTINUED THIS PROCESS FOR NEXT 10 MINS AND TOOL RELEASED.
	1215AM	500AM	TOH LAYING DOWN DPIPE AND SETTING TOOL.
	500AM	530AM	LAYDOWN SETTING TOOL IN GOOD CONDITION. SEALS ARE MISSING FROM PACKOFF.
			IT APPEARS THAT THE SEALS WERE THE CAUSE OF OVERPULL.
	530AM		REST AND COMPLETE PAPERWORK
			GET TICKET SIGNED AND RELEASED FROM LOCATION.

JEFF MOREAU