Schlumberger
Oilfield Services
Houston, Texas

STRATIGRAPHIC TEST WELL
DAILY LOG

WELL	STW-1
FIELD	
COUNTY	
STATE	
LOCATION	
SURFACE LOCATION	
BOTTOM HOLE LOCATION	
ELEVATION	
CONTRACTOR	
SPUD DATE	
COMPLETION DATE	
TOTAL DEPTH	
PRODUCING FORMATION	
PRODUCING INTERVAL	
TYPE COMPLETION	
PRODUCTION METHOD	
INITIAL POTENTIAL	

CASING RECORD							

TUBING RECORD							

PERFORATION RECORD							

ACID, FRACTURE, CEMENT, SQUEEZE, ETC.							

INITIAL PRODUCTION							

REMARKS

RUN 1 - 10/10/2008 - RIH WITH 3.625" PDC BIT, TAGGED CEMENT AT 4,987'. DRILLED CEMENT, FLOAT COLLAR, AND SHOE TO 5,000'. DRILLED 10' OF NEW FORMATION TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 2 - 10/11/2008 - TAGGED CEMENT AT 4,712'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 3 - 10/12/2008 - TAGGED CEMENT AT 4,715'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 4 - 10/13/2008 - TAGGED CEMENT AT 4,718'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 5 - 10/14/2008 - TAGGED CEMENT AT 4,721'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 6 - 10/15/2008 - TAGGED CEMENT AT 4,724'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 7 - 10/16/2008 - TAGGED CEMENT AT 4,727'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 8 - 10/17/2008 - TAGGED CEMENT AT 4,730'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 9 - 10/18/2008 - TAGGED CEMENT AT 4,733'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 10 - 10/19/2008 - TAGGED CEMENT AT 4,736'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 11 - 10/20/2008 - TAGGED CEMENT AT 4,739'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 12 - 10/21/2008 - TAGGED CEMENT AT 4,742'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 13 - 10/22/2008 - TAGGED CEMENT AT 4,745'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 14 - 10/23/2008 - TAGGED CEMENT AT 4,748'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 15 - 10/24/2008 - TAGGED CEMENT AT 4,751'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 16 - 10/25/2008 - TAGGED CEMENT AT 4,754'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 17 - 10/26/2008 - TAGGED CEMENT AT 4,757'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 18 - 10/27/2008 - TAGGED CEMENT AT 4,760'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 19 - 10/28/2008 - TAGGED CEMENT AT 4,763'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 20 - 10/29/2008 - TAGGED CEMENT AT 4,766'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 21 - 10/30/2008 - TAGGED CEMENT AT 4,769'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 22 - 10/31/2008 - TAGGED CEMENT AT 4,772'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 23 - 11/01/2008 - TAGGED CEMENT AT 4,775'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 24 - 11/02/2008 - TAGGED CEMENT AT 4,778'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 25 - 11/03/2008 - TAGGED CEMENT AT 4,781'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 26 - 11/04/2008 - TAGGED CEMENT AT 4,784'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 27 - 11/05/2008 - TAGGED CEMENT AT 4,787'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 28 - 11/06/2008 - TAGGED CEMENT AT 4,790'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 29 - 11/07/2008 - TAGGED CEMENT AT 4,793'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 30 - 11/08/2008 - TAGGED CEMENT AT 4,796'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 31 - 11/09/2008 - TAGGED CEMENT AT 4,799'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 32 - 11/10/2008 - TAGGED CEMENT AT 4,802'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 33 - 11/11/2008 - TAGGED CEMENT AT 4,805'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 34 - 11/12/2008 - TAGGED CEMENT AT 4,808'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 35 - 11/13/2008 - TAGGED CEMENT AT 4,811'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 36 - 11/14/2008 - TAGGED CEMENT AT 4,814'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 37 - 11/15/2008 - TAGGED CEMENT AT 4,817'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 38 - 11/16/2008 - TAGGED CEMENT AT 4,820'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 39 - 11/17/2008 - TAGGED CEMENT AT 4,823'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 40 - 11/18/2008 - TAGGED CEMENT AT 4,826'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 41 - 11/19/2008 - TAGGED CEMENT AT 4,829'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 42 - 11/20/2008 - TAGGED CEMENT AT 4,832'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 43 - 11/21/2008 - TAGGED CEMENT AT 4,835'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 44 - 11/22/2008 - TAGGED CEMENT AT 4,838'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 45 - 11/23/2008 - TAGGED CEMENT AT 4,841'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 46 - 11/24/2008 - TAGGED CEMENT AT 4,844'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 47 - 11/25/2008 - TAGGED CEMENT AT 4,847'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 48 - 11/26/2008 - TAGGED CEMENT AT 4,850'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 49 - 11/27/2008 - TAGGED CEMENT AT 4,853'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 50 - 11/28/2008 - TAGGED CEMENT AT 4,856'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 51 - 11/29/2008 - TAGGED CEMENT AT 4,859'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 52 - 11/30/2008 - TAGGED CEMENT AT 4,862'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 53 - 12/01/2008 - TAGGED CEMENT AT 4,865'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 54 - 12/02/2008 - TAGGED CEMENT AT 4,868'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 55 - 12/03/2008 - TAGGED CEMENT AT 4,871'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 56 - 12/04/2008 - TAGGED CEMENT AT 4,874'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 57 - 12/05/2008 - TAGGED CEMENT AT 4,877'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 58 - 12/06/2008 - TAGGED CEMENT AT 4,880'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 59 - 12/07/2008 - TAGGED CEMENT AT 4,883'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 60 - 12/08/2008 - TAGGED CEMENT AT 4,886'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 61 - 12/09/2008 - TAGGED CEMENT AT 4,889'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 62 - 12/10/2008 - TAGGED CEMENT AT 4,892'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 63 - 12/11/2008 - TAGGED CEMENT AT 4,895'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 64 - 12/12/2008 - TAGGED CEMENT AT 4,898'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 65 - 12/13/2008 - TAGGED CEMENT AT 4,901'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 66 - 12/14/2008 - TAGGED CEMENT AT 4,904'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 67 - 12/15/2008 - TAGGED CEMENT AT 4,907'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 68 - 12/16/2008 - TAGGED CEMENT AT 4,910'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WITH 3.625" PDC BIT. DRILLED 3.625" HOLE FROM 4,850' TO 5,010'. CIRC AND CONDITION MUD. POOH. RIH WITH OPEN-ENDED DRILL PIPE TO 5,010'. SPOTTED 100 SACKS CLASS "G" CEMENT PLUG FROM 5,010' TO 4,710'. POOH. WOC.

RUN 69 - 12/17/2008 - TAGGED CEMENT AT 4,913'. DRILLED CEMENT TO 4,850'. CIRC AND CONDITION MUD. POOH. RIH WIT