TERRA ENERGY PARTNERS
H&P 318
Well# TR 634-27-597
API# 05-045-23502-00
PAD# TR 44-27-597
RIG PHONE: 970-549-3691

SURFACE HOLE: 14-3/4" TD 2839'

Surface Casing Details: 4/28/17

RUN 9-5/8" SURFACE CASING AS FOLLOWS: MADE UP 1 FLOAT SHOE, 1 JNT OF 36# LT&C AS SHOE JOINT AND 1 FLOAT COLLAR, 2 JOINTS OF 9-5/8" 36# J-55 LT&C WITH PARASITE SUB AND 42 JNTS OF 9-5/8" 36# LT&C J-55, AND 22 JNTS OF 9-5/8" 40# LT&C J-55 WITH LAST JOINT OF 40# J-55 ON TOP TO BE CUT OFF, AND A WELD ON WELL HEAD INSTALLED AT GROUND LEVEL FOR A TOTAL OF 67 JOINTS OF SURFACE CASING. SHOE DEPTH 2,839'. FLOAT COLLAR DEPTH 2,797', PARASITE SUB @ 2,713' RUN CENTRALIZERS ON FIRST THREE JTS, THEN 1 CENTRALIZER EVERY 3RD JOINT THEREAFTER INCLUDING 2 CEMENT BASKETS FOR A TOTAL OF 12 CENTRALIZERS, BOTTOM CENTRALIZER AT 2,820' AND TOP CENTRALIZER AT 1,645'. CASING SET DEPTH @ 2,839'.

Surface Cement Details: 3/06/17

SURFACE CEMENT AS FOLLOWS: HELD SAFETY MEETING WITH HALLIBURTON CEMENTERS AND H&P 318 RIG CREW. TESTED LINES TO 3,500 PSI, PUMPED ONE 5 BBL FRESH WATER SPACER, PUMPED 10 BBLS SUPER FLUSH, PUMPED 5 BBLS FRESH WATER, PUMPED 10 BBL CALCIUM ChI. BBLS H2O SPACER, PUMPED ONE 5 BBL FRESH WATER SPACER, PUMPED ONE 10 BBL SUPER FLUSH 100 SPACER, PUMPED ONE 5 BBL FRESH WATER SPACER, PUMPED ONE 10 BBL CALCIUM ChI. H20 SPACER, PUMPED ONE 10 BBL FRESH WATER SPACER. LEAD, PUMPED 400 BBLS (945 SACKS) OF VARICEM 12.3 PPG, 2.38 YLD, 13.77GAL/SK LEAD CEMENT W/ 50% EXCESS, ON LEAD. TAIL, PUMPED 130 BBLS (345 SKS) OF 12.8 PPG, 2.11 YLD, 11.78 GAL/SK VARICEM TAIL CEMENT W/ 70% EXCESS. DROPPED PLUG, DISPLACED WITH 213.0 BBLS OF FRESH WATER W/ 840 PSI LIFT @ 10 BPM, SLOWED DOWN TO 2 BPM FOR LAST 10 BBLS OF DISPLACEMENT W/ 675 PSI P RIOR TO BUMPING PLUG BUMP PLUG TO 1111PSI BLEED .5 BBL BACK TO TRUCK AND FLOATS HELD. PARTIAL RETURNS THROUGH OUT JOB, GOT BACK 113 BBLS CEMENT TO SURFACE, PUMPED DOWN PARASITE STRING 10 BBLS. CEMENT FELL BACK 70. TOPPED OUT WITH 8.4 BBLS 40 SKS , 15.6 PPG, 1.19 YLD, 5.24 GPS,