



## Daily Operations

**Well Name: BROWN & MANNING 1**

**Daily Operations**

Well Name	API	Job Type	Start Date	Summary
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	9/25/2017	SFTY MTG-MIRU-TROUBLE SPOTTING EQUIP DUE T/SNDY LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	9/26/2017	SFTY MTG-CHECK WHSIP(0)-WO DC'S & SWIVEL-TALLY IH W/(6) 3 1/2" DC'S(190')-DID NOT TAG-WO DOZER T/SPOT FRAC TANK & PULL H2O TRKS-SPOT 2 7/8" WS-KU & CIRC WELL CIRC 15 BBLs OF OIL T/WT--PSI TEST SRF CSG-CSG FELL F/150#S T/0(TEST FAILED)-SI-CONTACT ERIC ZWAAGSTRA T/DISCUSS-DECISION MADE T/RUN 8 5/8" PKR T/TEST SRF CSG-CALL KLX & SECURE 11" BOP'S & SPOOL-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	9/27/2017	SFTY MTG-CHECK WHSIP(0)-TOOH W/DC'S T/DERRICK-ND 7 1/16" BOPS-NU KLX 11" 3K BOP'S-MU DHT 8 5/8" PKR-TIH W/8 JTS + 6' SUB-ATTEMPT T/SET PKR-NO SUCCESS-LD 1 JT-ATTEMPT TO SET PKR-NO SUCCESS-CALL JUSTIN JEPERSEN TO DISCUSS SRF CSG-JUSTIN INDICATED THAT 8 5/8" CSG WAS ATTACHED T/ORIGNAL 10 3/4" CSG-TOOH-LD PKR-SI-CALLED JOE BRNAK T/DISCUSS-DECISION MADE TO SPOT 50' BAL PLUG AT END OF CSG-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	9/28/2017	SFTY MTG-CHECK WHSIP(0)-MU 2 7/8" NC-TIH W/8 JTS OF 2 7/8" N-80(249')-KU -START CIRC WELL-LOST CIRC-KNOCKED OFF WELLHEAD RETURN LINE-OLD CEMENT BAGS STUCK IN RETURN LINE-REMOVE BAGS-RESUME CIRC-GOOD CIRC-RU CEMENTERS-PU 1 JT-EOT 268'-HOLD PRE-PUMP SFTY MTG-PSI TEST LINES T/1000#S(GOOD TEST)-RLS PSI-PUMP 2 BBLs T/EST CIRC-MIX & PUMP 27 SKS (5.6 BBLs) OF CLASS G NEAT W/3% CACL @ 15.8 PPG-DISP W/1 BBL-ND CEMENTERS-WASH UP-TOOH-LD 9 JTS ON TRAILER-SI-RD CEMENTERS-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	9/29/2017	SFTY MTG-CHECK WHSIP(0)-MU 2 7/8" NC-TIH W/11 JTS-TAG CEMENT @ 336'(56' BELOW BOTTOM OF CSG SHOE)-CALL ERIC ZWAAGSTRA T/DISCUSS-DECISION MADE TO PUMP 2 ND BAL PLUG-CALL LLED CEMENTERS-WO CEMENTERS-RU CEMENTERS-HOLD PRE-PUMP SFTY MTG-PSI TEST LINES T/1000#S(GOOD TEST)-RLS PSI-EST CIRC-MIX & PUMP 53.7 SKS (11 BBLs) OF CLASS G NEAT @ 15.8 PPG-DISPL W/1 BBL-ND CEMENTERS-WASH UP-TOOH LD TBG-SI-RD CEMENTERS-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/2/2017	SFTY MTG-CHECK WHSIP(0)-MU 2 7/8" NC-TIH W/8 JTS OF 2 7/8" TBG-KU-EST CIRC-ATTEMPT T/PSI TEST CSG-PUMP UP T/140#S & CUD NOT GAIN PSI-TEST FAILED-TOOH-S-ORDER 5 1/2" CSG LINER-ORDER CEMENT SERVICES-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/3/2017	SFTY MTG-CHECK WHSIP(0)-TALLY 7 JTS OF 5.5" 15.5 LTC J-55 LINER-NU BOP'S-CUT MULE SHOE ON BOTTOM JT-TIH W/6 JTS OF 5.5" LINER(271' KB)-WO CEMENTERS(3 HRS)-RU HALLI CEMENTERS-HOLD PRE-PUMP JSA-PSI TEST LINES T/2500#S(GOOD TEST)-RLS PSI-PUMP 5 BBLs OF H2O AHEAD-MIX & PUMP 110 SKS(23 BBLs) OF CLASS G NEAT W/2% CACL @ 15.8 PPG-RETURNED CEMENT T/SRF-DISPLC W/5 BBLs LEAVING 50' OF CEMENT IN LINER-SI-ND CEMENTERS-WASH UP-RD CEMENTERS-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/4/2017	SFTY MTG-CHECK WHSIP(0)--PSI TEST SRF CSG T/200#S FOR 15 MINS (GOOD)-RLS PSI-ND WH-NU BOP'S-MU 4 3/4" TRI-CONE & BIT SUB W/FLOAT-TIH W/(6) 3.5" DC'S-+ 1 JT OF 2 7/8" TBG-TAG @ 200'-KU W/PS-DRILL CEMENT F/200'-T/344'(144')-CIRC HOLE CLEAN-TOOH-W/2 JTS-SI-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/5/2017	SFTY MTG-CHECK WHSIP(0)-PU 2 JTS-TAG CEMENT-KU-DRILL IN1 JT & FALL THRU 3RD CEMENT PLUG-TOOK GAS KICK-GAS BUSTER PLUGGED OFF W/CEMENT BAGS-TOOH INTO CSG-C/O GAS BUSTER-TIH-CONT TO WASH/REAM IH T/1561'-CIRC HOLE CLEAN-TOOH W/21 STNDS-SI
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/6/2017	SFTY MTG-CHECK WHSIP(0)-TIH-STAGE IH W/4 JTS @ A TIME-KU CIRC 15 MINS-CONT TIH-C/O F/1561-T/2056'(504')-TOOH INTO SRF CSG-SI-C/O WORK TANK DUE TO EXCESSIVE SHALE CUTTINGS-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/9/2017	SFTY MTG-CHECK WHSIP(0)-TIH W/5 STNDS-DRUM CLUTCH NOT ENGAGING-SI-TROUBLE SHOOT PROBLEM-FOUND BROKEN DRIVE CHAIN ON DRUM-CALL MECHANIC-ORDER NEW DRIVE CHAIN-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/10/2017	SFTY MTG-CHECK WHSIP(0)-REPAIR/REPLACE DRIVE CHAIN ON OFF OPERATOR SIDE T/DRUM-INSPECT CHAIN ON OPERATOR SIDE(GOOD)-REPLACE GAURDS-TIH W/50 JTS OF 2 7/8" TBG OOOD-KU-CIRC HOLE-STAGE IH 4 JTS @ A TIME-KU & CIRC EACH STAGE-CONT TIH T/3116'-CIRC HOLE CLEAN-TOOH T/SRF CSG-SI-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/11/2017	SFTY MTG-CHECK WHSIP(0)-TIH W/46 STNDS OF 2 7/8" TBG-KU BREAK CIRC-CONT STAGING IH-MUD GETTING TO HEAVY TO PUMP-ADD 10 GALLONS OF MUD THINNER-PU TRASH PUMP-RU TRASH PUMP-CONT TIH W/141 JTS OF 2 7/8" TBG + 6 DC'S(4581'0-CBU-TOOH W/70 STNDS-SI-HAUL OFF 100 BBLs OF MUD F/WT-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/12/2017	SFTY MTG-CHECK WHSIP(0)-RE-PACK CENTRIFUGAL PUMP-TIH OOD-STAGE IH 4 JTS @ AT TIME-CIRC FOR 10 MINS- CONT STAGING IH-TROUBLE CIRC IH W/JT 157(5045')-PULL 25K OVER SW REMOVING JT 157-CIRC HOLE-TOOH-SB ALL TBG T/DERRICK-LD (6) 3 1/2" DC'S ON TRAILER-SI-PULL 100 BBLs OF MUD OUT OF WT-SECURE LOC



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BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/13/2017	SFTY MTG-CHECK WHSIP(0)-WO HALLI CEMENTERS-MU 2 7/8" NC-TIH W/162 JTS OF 2 7/8" TBG(5043')-RU HALLI CEMENTERS-HOLD PRE-PUMP SFTY MTG-PUMP 5 BBLs AHEAD TO EST CIRC-PSI TEST LINES T/3500#'S(GOOD TEST)-MIX & PUMP 10 BBLS OF MUD FLUSH-MIX & PUMP 100 SKS(20.4BBLs) OF CLASS G NEAT @ 15.8PPG-DISPLC BAL PLUG W/25.5 BBLs OF H2O-ND CEMENTERS-TOOH LD 65 JTS ON TRAILER-EOT @ 3019'-NU CEMENTERS-ATTEMPT TO CIRC TBG-PSI UP T/2500#'S-BREAK OFF RETURN LINE F/CSH HEAD-WH VALVE PLUGGED-TOOH-PULL WET STRING-FOUND 19 JTS PLUGGED W/CEMENT-TIH W/97 JTS(3019')-NU CEMENTERS-PUMP 27 BBLs T/EST CIRC-PUMP ADDITIONAL 10 BBLs OF H2O-MIX & PUMP 10 BBLs OF MUD FLUSH-MIX & PUMP 100 SKS(20.4 BBLs) OF CLASS G NEAT @ 15.8 PPG-DISPL W/15.5 BBLs OF H2O -ND CEMENTERS-TOOH STAND BACK 16 JTS- LD 80 JTS ON TRAILER-SI-WASH UP-RD CEMENTERS-SECURE LOC
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/16/2017	CREW DID DAILY INSPECTION. GO OVER JSA. WAIT ON HALLIBURTON. RIH WITH 16 JTS. TO 526' GO OVER THE JSA WITH HALLIBURTON. RU HALLIBURTON. TEST LINES. PUMP 4.5 BBLs TO GET RETURNS. MIX AND PUMP 336 SKS OF 15.8# G NEAT ( 69 BBLs.) GET CEMENT TO SURFACE. POOH. ND BOP. TOP OFF. RD HALLIBURTON. INSTALL NIGHT CAP. SDFN. HAD THE MUD TANK CLEANED OUT.
BROWN & MANNING 1	05-123-05188	HORIZONTAL WELL PREP	10/17/2017	NO PRESSURE. TAG CEMENT AT 76' RD. MO