



02056155

RECEIVED

MAY 29 2015

COGCC

WPX ENERGY RMT

WELL: RGU 332-26-198

API # 05-103-11990-00

SURFACE CASING DETAILS: 05/29/2015

RUN SURFACE CASING AS FOLLOWS: MADE UP 1 FLOAT SHOE, 1 SHOE JOINT OF 9-5/8" 36# J-55, 1 FLOAT COLLAR, 12 JOINTS OF 9-5/8" 40# J-55, AND 82 JOINTS OF 9-5/8" 36# J-55 SURFACE CASING WITH 1 DV/ STAGE TOOL @ 1,870' FOR A TOTAL OF 95 JOINTS OF SURFACE CASING, ALSO RUN 1 CENTRALIZER ON FIRST 3 JOINTS AND THEN 1 EVERY THIRD JOINT THERE AFTER FOR A TOTAL OF 10 CENTRALIZERS PLUS 3 CEMENT BASKETS, 2 BELOW DV TOOL AND 1 ABOVE. DV/ STAGE TOOL TOP @ 1,870' / BOTTOM CENTRALIZER @ 4,113' AND TOP CENTRALIZER @ 2,969'. BOTTOM CEMENT BASKET @ 2,093', MIDDLE CEMENT BASKET @ 1,960', AND TOP CEMENT BASKET @ 1,738'. FLOAT COLLAR DEPTH @ 4,099.33', SURFACE CASING SET @ 4,129'.

SURFACE CEMENTING DETAILS OF OPERATION:

PUMPED SURFACE CEMENT AS FOLLOWS: HELD SAFETY MEETING WITH HALLIBURTON CEMENTERS AND H&P 318 RIG CREW, PRIMED PUMPS AND PRESSURE TESTED LINES TO 3,378 PSI, 1<sup>ST</sup> STAGE 40% EXCESS, PUMPED 40 BBLS OF FRESH WATER SPACER, PUMPED 220.66 BBLS (700 SKS) OF 12.8 PPG, 1.77 YIELD, @ 9.31 GAL/SK OF LEAD CEMENT. PUMPED 78.91 BBLS (210 SKS) OF 12.8 PPG, 2.11 YLD @ 11.77 GAL/SK TAIL CEMENT. DROPPED WIPER PLUG AND DISPLACED WITH 316.9 BBLS OF FRESH WATER @ 10 BBLS PER MINUTE W/ 1020 LIFT PSI, SLOWED RATE TO 4 BBLS PER MINUTE FOR LAST 10 BBLS OF DISPLACEMENT AND LANDED PLUG W/ 600 PSI AND BUMPED UP TO 1277 PSI. BLEED BACK 2 BBLS TO TRUCK AND FLOATS HELD. HAD FULL RETURNS ON 1<sup>ST</sup> STAGE. DROPPED OPENING CONE AND WAITED 15 MINUTES, PRESSURED UP TO 1000 PSI AND OPENED DV TOOL, PUMPED 6 BBLS BEFORE GETTING FULL RETURNS.

2<sup>ND</sup> STAGE : 55% EXCESS

PUMPED 20 BBLS OF FRESH WATER SPACER, PUMPED 349.43 BBLS ( 900 SKS) OF 12.8 PPG, 2.18 YLD @ 12.11 GAL/SK TAIL CEMENT, DROPPED TOP PLUG AND DISPLACED WITH 144.5 BBLS OF FRESHWATER @ 10 BBLS PER MINUTE W/ 820 PSI LIFT, LANDED PLUG W/ 500 PSI AND BUMPED TO 1765 PSI AND HELD, BLEED BACK 1 BBLS AND TOOL HELD CLOSED. RECEIVED 0 BBLS CEMENT BACK F/ 1<sup>ST</sup> STAGE AND 100 BBLS OF CEMENT BACK FROM 2<sup>ND</sup> STAGE, WAITED ON CEMENT 2HRS CEMENT TOP FELL 20'. WILL TOP OUT WITH 2<sup>ND</sup> STAGE EXCESS FROM NEXT CEMENT JOB./CEMENT OPERATIONS WITNESSED BY BLM & COGCC. USED 7 BBLS OF CEMENT RETURNS F/ RGU 332-26-198 TO TOP OUT RGU 32-25-198 FROM 30'

26

103-11966