

FIVESTONES ENERGY LLC

COMPLETION REPORT

WELL NAME & No. : TCU UNIVERSITY #2
FIELD/PROSPECT : SPRABERRY TREND AREA
COUNTY & STATE : ANDREWS COUNTY, TEXAS

9/14/13

Install "frac stack" on wellhead.

RU Allied Wireline Unit. RIH with CCL and perforating gun. Correlated to Short Joint from 10,260' to 10,282'.

Perf. Int. 1 – 12068'-12087'

Perf. Int. 2 – 12046'-12051'

Perf. Int. 3 – 11993'-11998'

All shots fired. Total of 60 holes. POOH & SDFN.

9/16/13

RU ProPetro frac equipment.

Stg I Frac: SICP: 82 psi BD perfs: 5665 psi at 4.0 bpm. Pumped 95 bbls of 15% HCL and 2984 bbls of 12# Gel containing 75203 lbs 30/50 MG Lite. ISIP: 4016 psi FG: 0.7665 psi/ft Qavg: 45 bpm Pavg: 5548 psi. Qmax: 54 bpm. Pmax: 7724 psi.

RIH & set stage #2 CBP@ 1190'. Perforated 11854'-11864', 11888'-11898'. All shots fired. Total of 60 holes.

Stg II Frac: SICP: 221 psi BD perfs: 5150 psi at 4.0 bpm. Pumped 97 bbls of 15% HCL and 2166 bbls of 12# Gel containing 56588 lbs 30/50 MG Lite. ISIP: 3873 psi FG: 0.759 psi/ft Qavg: 51.0 bpm Pavg: 6533 psi. Qmax: 54.0 bpm. Pmax: 6534 psi.

RIH set stage #3 CBP@ 11820'. Perforated 11672'-11677', 11408'-11413', 11528'-11538'. All shots fired. Total of 60 holes.

Stg III Frac: SICP: 272 psi BD perfs: 6301 psi at 4 bpm. Pumped 69 bbls of 15% HCL and 2928 bbls of 12# Gel containing 76166 lbs 30/50 MG Lite. ISIP: 4145 psi FG: 0.7867 psi/ft Qavg: 59.0 bpm Pavg: 5538 psi. Qmax: 61 bpm. Pmax: 7091 psi.

RIH set stage #4 CBP@ 11580'. Perforated 11322'-11327', 11408'-11413', 11528'-11538'. All shots fired. Total of 60 holes.

Stg IV Frac: SICP: 286 psi BD perfs: 6123 psi at 4.0 bpm. Pumped 94 bbls of 15% HCL and 5694 bbls of 12# Gel containing 111362 lbs 30/50 MG Lite. ISIP: psi FG: psi/ft Qavg: 70.0 bpm Pavg: 6063 psi. Qmax: 75.0 bpm. Pmax: 7923 psi.

9/18/13

RIH set stage #5 CBP@ 11220'. Perforated 11026'-11030', 11098'-11103', 11170'-11180'. Total of 60 holes.

Stg V Frac: SICP: 75 psi BD perfs: 3794 psi at 4.0 bpm. Pumped 67 bbls of 15% HCL and 2635 bbls of 12# Gel containing 83367 lbs 30/50 MG Lite. ISIP: 3827 psi FG: 0.7775 psi/ft Qavg: 64 bpm Pavg: 5520 psi. Qmax: 69 bpm. Pmax: 7109 psi.

RIH set stage #6 CBP@ 10982'. Perforated 10742'-10746', 10784'-10788', 10806'-10810', 10852'-10856', 10916'-10920'. Total of 60 holes.

Stg VI Frac: SICP: 880 psi BD perfs: 3523 psi at 6.0 bpm. Pumped 67 bbls of 15% HCL and 4265 bbls of 12# Gel containing 149284 lbs 30/50 MG Lite. ISIP: 4596 psi FG: 0.8372 psi/ft Qavg: 64 bpm Pavg: 5378 psi. Qmax: 68.0 bpm. Pmax: 8247 psi.

RIH set stage #7 CBP@ 10300'. Perforate 10065'-10070', 10095'-10100', 10144'-10149', 10198'-10203'. Total of 75 holes.

Stg VII Frac: SICP: 519 psi BD perfs: 2993 psi at 4.0 bpm. Pumped 48 bbls of 15% HCL and 3032 bbls of 12# Gel containing 27000 lbs 30/50 MG Lite and 92014 lbs 20/40 Ottawa. ISIP: 3083 psi FG: 0.7041 psi/ft Qavg: 51 bpm Pavg: 3433 psi. Qmax: 52 bpm. Pmax: 4345 psi.

9/19/13

RIH set stage #8 CBP @ 10000'. Perforated 9872'-9877', 9905'-9908', 9898'-9901', 9952'-9957'. Total of 48 holes.

Stg VIII Frac: SICP: 923 psi BD perfs: 2772 psi at 4.0 bpm. Pumped 48 bbls of 15% HCL and 3170 bbls of 12# Gel containing 131958 lbs 20/40 Ottawa. ISIP: 2253 psi FG: 0.6311 psi/ft Qavg: 51 bpm Pavg: 3438 psi. Qmax: 53 bpm. Pmax: 4645 psi.

RIH set stage #9 CBP@ 9800'. Perforated 9617'-9622', 9626'-9631', 9707'-9717'. Total of 60 holes.

Stg IX Frac: SICP: 1545 psi BD perfs: 1956 psi at 4.0 bpm. Pumped 78 bbls of 15% HCL and 2261 bbls of 12# Gel containing 147733lbs 20/40 Ottawa. ISIP: 2561 psi FG: 0.6581 psi/ft Qavg: 45.0 bpm Pavg: 2672 psi. Qmax: 46.0 bpm. Pmax: 3873 psi.

RIH set stage #10 CBP@ 9525'. Perforated 9402'-9412', 9466'-9476'. Total of 60 holes.

Stg X Frac: SICP: 890 psi BD perfs: 2292 psi at 5.0 bpm. Pumped 73 bbls of 15% HCL and 2014 bbls of 12# Gel containing 118129 lbs 20/40 Ottawa. ISIP: 1545 psi FG: 0.5588 psi/ft Qavg: 47 bpm Pavg: 2325 psi. Qmax: 51 bpm. Pmax: 3100 psi.

RIH set stage #11 CBP@ 9322'. Perforated 8954'-8958', 9026'-9030', 9116'-9120', 9167'-9171'. Total of 60 holes.

Stg XI Frac: SICP: 679 psi BD perfs: 833 psi at 2.0 bpm. Pumped 75 bbls of 15% HCL and 2808 bbls of 12# Gel containing 169524 lbs 20/40 Ottawa. ISIP: 1531 psi FG: 0.5675 psi/ft Qavg: 51 bpm Pavg: 2161 psi. Qmax: 52 bpm. Pmax: 3179 psi.

RIH set stage #12 CBP@ 8900'. Perforated 8712'-8717', 8764'-8774', 8854'-8859'. Total of 60 holes.

Stg XII Frac: SICP: 751 psi BD perfs: 902 psi at 4.0 bpm. Pumped 75 bbls of 15% HCL and 2001 bbls of 12# Gel containing 118358 lbs 20/40 Ottawa. ISIP: 1119 psi FG: 0.5313 psi/ft Qavg: 65 bpm Pavg: 2739 psi. Qmax: 68 bpm. Pmax: 4087 psi.

RIH set stage #13 CBP@ 8625'. Perforated 8310'-8314', 8403'-8407', 8450'-8454', 8494'-8498', 8551'-8555'. Total of 60 holes.

Stg XIII Frac: SICP: 751 psi BD perfs: 873 psi at 4.0 bpm. Pumped 72 bbls of 15% HCL and 3776 bbls of 12# Gel containing 146678 lbs 20/40 Ottawa. ISIP: 1144 psi FG: 0.5685 psi/ft Qavg: 60 bpm Pavg: 2216 psi. Qmax: 62 bpm. Pmax: 3383 psi.

RIH set stage #14 CBP@ 8625'. Perforated 8310'-8314', 8403'-8407', 8450'-8454', 8494'-8498', 8551'-8555'. Total of 60 holes.

Stg XIV Frac: SICP: 472 psi BD perfs: 980 psi at 4.0 bpm. Pumped 44 bbls of 15% HCL and 3454 bbls of 12# Gel containing 184281 lbs 20/40 Ottawa. ISIP: 1570 psi FG: 0.4328 psi/ft Qavg: 52 bpm Pavg: 1875 psi. Qmax: 57 bpm. Pmax: 2535 psi.

SI well. RD Allied Wireline & ProPetro frac equipment.

9/19/13

MIRU C&J Energy CT Unit & Spartan drilling tools. RIH w/CT & drilled out composite plugs to PBTD of 12,136'. RD C&J & Spartan. Started well flowing back & recovering frac fluid.

10/7/13

RU pump truck & pumped 20 bbls of brine wtr down csg. Removed frac valve. Installed tbg head & BOP. RU pulling unit. RIH with TAC, Watson CRP rotational pkr, 40' Don Ann gas sep, 4' sub, SN & 241 jts of 2 3/8" J-55 tbg. ND BOP. Set TAC in 20K tension.

10/8/13

Pumped 15 bbls of brine down tbg. Tbg on vac. RIH with 1" x 23" strainer nipple, 2" x 1 1/2" x 26' pump, AT-90 on/off tool, 1 – 1 1/2" sinker bar, 26K shear tool, 9 – 1 1/2" sinker bars, 109 – 7/8" Norris 78 rods, & 127 – 1" Superrod FG rods. Spaced out rods with a 6' and a 9' FG sub. Hung well on unit. Loaded tbg & tested to 500 psi. Pumped 20 gallons corrosion inhibitor down csg & flushed w/20 bbls brine. Hooked up wellhead & flow line. RD pulling unit. Started well pumping to frac tanks.