

SAMSON UNIVERSITY 7-5 (SPRABERRY)*DESTA #5****ANDREWS CO., TX**

AFE# 101633

SPUD DATE: 5/16/12

API: 42-003-42206

PROP NUM: 76969-005

5/16/12

PD 392'; PO: MOVE IN & RU, DRILL F/40'-392'.

CWC \$262,975

5/17/12

DAS 1; **PD 420'**; PO: DRILL F/392'-420', CIRC, TOH, REPAIRS. CONT TOH, LD RMR, SUB & BIT, RUN 13 3/8" CSG & CMT, CUT OFF CSG, INSTALL WELLHEAD, NUBOP, INSTALL FLOWLINE, TIH.

CWC \$325,800

5/18/12

DAS 2; **PD 1897'**; PO: TIH T/405', DRILL CMT, TEST PIPE RAMS, DRILL F/420'-1897'. MW 9.7; VIS 29

CWC \$369,792

5/19/12

DAS 3; **PD 2941'**; PO: DRILL F/1897'-2941'. MW 10; VIS 30

CWC \$386,518

5/20/12

DAS 4; **PD 4081'**; PO: DRILL F/2941'-4081'. MW 10; VIS 29

CWC \$411,216

5/21/12

DAS 5; **PD 4968'**; PO: DRILL F/4081'-4968'. MW 10.2; VIS 29

CWC \$447,099

5/22/12

DAS 6; **PD 5025'**; PO: DRILL F/4968'-5025', CIRC & COND MUD, SURVEY, TOH, LD DCS, RUN 121 JTS 8 5/8" CSG, CIRC. MW 10; VIS 65; FL 50# 11

CWC \$482,402

5/23/12

DAS 7; **PD 5241'**; PO: CMT INT CSG, SET SLIPS, CUT OFF CSG, INSTALL WELLHEAD, PU BIT & 6" DCS, TIH. TAG CMT & TEST PIPE RAMS, DRILL CMT, FC & SHOE, INSTALL ROT HEAD, DRILL F/5025'-5241'. MW 8.4; VIS 28

CWC \$686,665

5/24/12

DAS 8; **PD 6257'**; PO: DRILL F/5241'-6257'. MW 8.4; VIS 29

CWC \$704,675

5/25/12

DAS 9; **PD 7049'**; PO: DRILL F/6257'-7049'. MW 8.4; VIS 29

CWC \$722,784

5/26/12

DAS 10; **PD 7651'**; PO: DRILL F/7049'-7651'. MW 8.4; VIS 29

CWC \$740,684

5/27/12

DAS 11; **PD 8127'**; PO: DRILL F/7651'-8217'. MW 8.4; VIS 29

CWC \$772,047

5/28/12

DAS 12; **PD 8367'**; PO: TOH F/DDC TOOLS, LD MTR & RMRS, PU DDC TOOLS, TIH W/DCS, SLIP & CUT DL, REAM 60' T/BTM, DRILL F/8096'-8367'. MW 8.6; VIS 29

CWC \$832,338

5/29/12

DAS 13; **PD 9127'**; PO: DRILL F/8367'-9127'. MW 8.6; VIS 29

CWC \$864,945

5/30/12

DAS 14; **PD 9760'**; PO: DRILL F/9127'-9760'. MW 8.5; VIS 28

CWC \$895,304

5/31/12

DAS 15; **PD 10342'**; PO: DRILL F/9760'-10342'. MW 8.8; VIS 36; FL 7

CWC \$930,136

6/5/12

PO: RUN 5.5 CSG & CMT, ND BOP, SET SLIPS, CUT OFF CSG.

CWC \$1,371,569

6/6/12

PO: RD – RIG RELEASED @10:00AM

CWC \$1,402,096

06-25-12 Prep to log; Daily Comp \$ 4,000
06-26-12 RU Halliburton Wireline. Loggers TD 10913'. Ran Radial Cement Bond, Compensated Neutron, Gamma Ray logs. RD Halliburton. SIW and shut down 7pm; Est Daily Comp \$ 21,000
Est Drlg \$ 1,402,096; Est Comp \$ 286,000; Est Tot \$ 1,688,096
6-27-12 AOL, Key Energy Services RIH W 334 JTS of 2 7/8" EUE 8RD L80 TBG and tag @ 10927'. RU Shack Energy Services and test casing to 4800 lbs (good test). Pickle well @ 10,922' W/ 500 gal Xylene, 5 BBL H2O, and 500 gal of 15% HCL down the casing. Key POH and LD 1 joint. Spot well @ 10,889' W/ 1000 gal 10% Acetic Acid down the TBG. RD Shack. Key POH and LD 90 JTS. SIW and shut down, 6:30pm. Est Daily Comp \$ 19,500
Est Drlg \$ 1,402,096; Est Comp \$ 305,500; Est Tot \$ 1,707,596
06-29-12 Ready to frac; Est Daily Comp \$3000
Est Drlg \$ 1,402,096; Est Comp \$ 313,000; Est Tot \$ 1,715,096
06-30/07-01-12 SDFWE; Est Daily Comp \$3000
07-02-12 Ready for stage one perms. 11 frac tanks in place. 4 chemical toilets. Flow back manifold. 3 light plants; Est Daily Comp \$1500
Est Drlg \$ 1,402,096; Est Comp \$ 317,500; Est Tot \$ 1,722,596
07-03/04-12 Ready to perf stg 1 & frac; Est Daily Comp \$3000
07-05-12 MIRU Halliburton wireline. Perforate from 10812' to 10817' 27 holes. 10831' to 10834' 9 holes. 10848' to 10851' 11 holes. 10888 to 10892 23 holes. RD Halliburton; Est Daily Comp \$1500
Est Drlg \$ 1,402,096; Est Comp \$322,000; Est Tot \$ 1,724,096
07-06/08-12 Ready to frac; Est Daily Comp \$4500
Est Drlg \$ 1,402,096; Est Comp \$326,500; Est Tot \$ 1,728,596

07-09-12 Frac screened out on Stage #3. MI RU Key Energy Services 2" CTU; P/u bit, sub, & CT motor. TIH circulating out sand to 9700'. Circulate while PUH to 9500'. Spot 2000 gals. 15% HCL NEFE acid. POOH w/ CT. SIW RD CTU Release well to frac; Est Daily Comp \$49,100
Est Drlg \$ 1,402,096; Est Comp \$375,600; Est Tot \$1,777,696

Detail:

Stage 1: Penn (10,812' - 10,892') MIRU HES. Total holes 70. Pumped 26,682 GAL treated water, 95,775 gals Water Frac G-R (21) 30 LBS/1000 GALS carrying 99,678 LBS Versalite 20/40 proppant. Formation breakdown pressure 4,063. Maximum treating pressure 6,529 PSI, average treating pressure 6,348 PSI. Maximum rate 66 BPM and average treating rate 60 BPM. ISIP = 5,232 psi. Total load water to recover 127,532 GAL - 3,036. BLWTR.

Stage 2: Lower Wolfcamp (10,054' - 10,542') RU WL. RIH with CP & 3-1/8" guns. Set CP at 10,600'. Total holes 40. Formation breakdown pressure 5,380 PSI. Pumped 13,971 GALS treated water, 121,658 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 180,263 LBS CRC 20/40 proppant. ISIP- 5,716 PSI. Max rate 56 BPM, Avg rate-55 BPM. Max pressure-6,189 PSI, Avg Pressure 5,838 PSI. Total Load GALS 137,631. BLWTR 3,277.

Stage 3: BTA Wolfcamp 9,736' - 9,748') RU WL. RIH with CP & 3-1/8" guns. Set CP at 9,900'. Total holes 72. Formation breakdown pressure 5,946 PSI. Pumped 5,310 GALS treated water, 43,291 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 15,487 LBS CRC 20/40 proppant. ISIP- 6,032 PSI. Max rate 56 BPM, Avg rate-48 BPM. Max pressure-6,536 PSI, Avg Pressure 6,108 PSI. Total Load GALS 49,044. BLWTR 1,168. Screened out on 1 PPG sand. Attempted to flow back. Well died after three hours of flow. Will MIRU CTU; Est Daily frac expense: \$812,482

COMMENT: SCREENED OUT ON STAGE 3 ON 1 PPG SAND. ATTEMPTED TO FLOW BACK. WELL DIED AFTER 3 HOURS OF FLOW. WILL MIRU CTU.

07-12-12 Wait on Halliburton to move off loc. MI RU PU ND frac stack. Weld bell nipple on 5 1/2 casing. NU BOP . Set racks & cat walk, move 350 jts. 2 7/8 tub. To racks, pulled protectors & tally tub. CWI SD 7:30; Est Daily Comp \$8900
Est Drlg \$ 1,402,096; Est Comp \$1,196,982; Est Tot \$2,599,078

07-11-12

Stage 4: Wolfcamp Lime (9,377' - 9,522') RU WL. RIH with CP & 3-1/8" guns. Set CP at 9,600'. Total holes 68. Formation breakdown pressure 4,867 PSI. Pumped 18,848 GALS treated water, 1990 GAL HCL Acid, 89,042 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 109,023 LBS CRC 20/40 proppant. ISIP- 2,993 PSI. Max rate 79 BPM, Avg rate 70 BPM. Max pressure 4,353 PSI, Avg Pressure 4,051 PSI. Total Load GALS 109,880. BLWTR 2,616.

Stage 5: Lower Sprayberry (9,096' - 9,300') RU WL. RIH with CP & 3-1/8" guns. Set CP at 9,350'. Total holes 68. Formation breakdown pressure 2,116 PSI. Pumped 11,756 GALS treated water, 2004 GAL HCL Acid, 160,109 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 22,521 LBS CRC 20/40 proppant and 214,755 LBS Ottawa 20/40 proppant.

ISIP- 1,563 PSI. Max rate 72 BPM, Avg rate 71 BPM. Max pressure 3,840 PSI, Avg Pressure 3,182 PSI. Total proppant 237,276 LBS. Total Load GALS 173,869. BLWTR 4,140.

Stage 6: Middle Sprayberry (8,598' – 8,856') RU WL. RIH with CP & 3-1/8" guns. Set CP at 8,950'. Total holes 60. Formation breakdown pressure 2,272 PSI. Pumped 11,540 GALS treated water, 2055 GAL HCL Acid, 164,386 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 50,000 LBS CRC 20/40 proppant and 310,242 LBS Ottawa 20/40 proppant. ISIP- 1,117 PSI. Max rate 71 BPM, Avg rate 71 BPM. Max pressure 3,256 PSI, Avg Pressure 2,472 PSI. Total proppant 360,242 LBS. Total Load GALS 177,981. BLWTR 4,238.

Stage 7: Upper Sprayberry (8,208' – 8,494') RU WL. RIH with CP & 3-1/8" guns. Set CP at 8,550'. Total holes 60. Formation breakdown pressure 1,766 PSI. Pumped 15,140 GALS treated water, 2072 GAL HCL Acid, 190,504 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 52,726 LBS CRC 20/40 proppant and 251,222 LBS Ottawa 20/40 proppant. ISIP- 1,117 PSI. Max rate 71 BPM, Avg rate 71 BPM. Max pressure 3,256 PSI, Avg Pressure 2,472 PSI. Total proppant 303,948 LBS. Total Load GALS 207,716. BLWTR 4,946.

Stage 8: Lower Leon (7,856' – 7,996') RU WL. RIH with CP & 3-1/8" guns. Set CP at 8,100'. Total holes 70. Formation breakdown pressure 3,094 PSI. Pumped 11,748 GALS treated water, 2993 GAL HCL Acid, 126,169 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 54,297 LBS CRC 20/40 proppant and 162,581 LBS Ottawa 20/40 proppant. ISIP- 1,031 PSI. Max rate 71 BPM, Avg rate 70 BPM. Max pressure 3,654 PSI, Avg Pressure 2,234 PSI. Total proppant 216,878 LBS. Total Load GALS 140,910. BLWTR 3,355.

Stage 9: Upper Leon (7,602' – 7,778') RU WL. RIH with CP & 3-1/8" guns. Set CP at 7,790'. Total holes 70. Formation breakdown pressure 2,866 PSI. Pumped 8,185 GALS treated water, 791 GAL HCL Acid, 181,969 GALS Water Frac G-R (14) 20 LBS/1000 GALS carrying 48,755 LBS CRC 20/40 proppant and 223,882 LBS Ottawa 20/40 proppant. ISIP- 1,211 PSI. Max rate 71 BPM, Avg rate 65 BPM. Max pressure 3,060 PSI, Avg Pressure 2,488 PSI. Total proppant 272,637 LBS. Total Load GALS 190,945. BLWTR 4,546

07-12-12 Wait on Halliburton to move off loc. MI RU PU ND frac stack. Weld bell nipple on 5 1/2 casing. NU BOP . Set racks & cat walk,move 350 jts. 2 7/8 tub. To racks, pulled protectors & tally tub. CWI SD 7:30; Est Daily Comp \$8900

07-13-12 Run 4 5/8 hurricane bit, pump open sub & 159 jts. 2 7/8 L80 8rd. Tub. Tag cap plug at 5181'. Drill plug pressure holding Tub up. RDFR CWI SD 5:30 Hauled 660 bbls from pit; Est Daily Comp \$12,100

Est Drlg \$ 1,402,096; Est Comp \$2,217,982; Est Tot \$2,620,078

07-14/15-12 SDFWE; Est Daily Comp \$2200

07-16-12 Ran tub tag plug @ 7800' Drill plug,ran tub. Started getting H2S 100 PPM .Called Lucky Safety. Tag @ 8110' drill plug. Ran tub. Clean out 52' sand, drill plug # 4 @ 8560'.RT tag @ 8833'. Pumped 15 bbls fresh water pulled 21 stds. CWI SD 6:30 Hauled 1800 bbls from pit; Est Daily Comp \$12,700

Est Drlg \$ 1,402,096; Est Comp \$2,232,882; Est Tot \$3,634,978

07-17-12 Open well.200 ppm H2S gas. Set gas buster and three frac tanks. Ran 21 stands 2-7/8 L80 tbg. Tag @ 8933'. c/o 29' sand, /dp @ 8962', Well flowing 4-5 bpm. C/O 25' sand. DP #6 @ 9363', C/O 22' sand. DP #7 @ 9612', RT. Pushed part of plug down hole. DP @ 9910'. Pressure holding plug up. Circulate clean. Pulled 36 stands. CWI SD 7:30 pm. Hauled 2680 bbls from frac tanks; Est Daily Comp \$19,200
Est Drlg \$ 1,402,096; Est Comp \$2,252,082; Est Tot \$3,654,178

07-18-12 AOL 7:00 750 ppm h2s. Ran tub. Tag @ 10903', Bottom plug not there.cleaned out to 10930'.Circulated clean pulled & lay down 105 jts.Left 231 jts. In hole 7552'. Land tub. On top BOP. Drop ball & open sub. 800 psi. CWI RDPU SD 7:00; Est Daily Comp \$16,700
Est Drlg \$ 1,402,096; Est Comp \$2,268,782; Est Tot \$3,670,878

07-19-12 NU well to test tanks, open on 24/64 choke. 560 psi on tub.Well flowed 720 bbls. 9 hrs. Hauled 1260 bbls from tanks; Est Daily Comp \$4400
Est Drlg \$ 1,402,096; Est Comp \$2,273,182; Est Tot \$3,675,278

07-20-12 Well flowed 1030 bbls. To frac tank 24 hrs; Est Daily Comp \$3600

07-21-12 Well flowed 720 bbls 24 hrs.to frac tanks; Est Daily Comp \$3100

07-22-12 Well flowed 600 bbls to frac tanks; Est Daily Comp \$3600

07-23-12 Choke plugged off; clean choke; well flowed 800 bbls 12 hrs; Est Daily Comp \$3900
Est Drlg \$ 1,402,096; Est Comp \$2,287,382; Est Tot \$3,689,478

07-24-12 Well flwd 790 Bbls to FT 24 hrs; Est Daily Comp \$4400
Est Drlg \$ 1,402,096; Est Comp \$2,291,782; Est Tot \$3,693,878

07-25-12 Well flwd 590 Bbls to FT 24 hrs; Est Daily Comp \$4300
Est Drlg \$ 1,402,096; Est Comp \$2,296,082; Est Tot \$3,698,178

07-26-12 Well flwd 440 Bbls to FT 24 hrs; Est Daily Comp \$3900
Est Drlg \$ 1,402,096; Est Comp \$2,299,982; Est Tot \$3,702,078

07-27-12 Well flwd 680 Bbls to FT 24 hrs; Est Daily Comp \$2400

07-28-12 Well flwd 150 Bbls to FT 24 hrs; Est Daily Comp \$1800

07-29-12 Well flwd 100 Bbls to FT 24 hrs; Est Daily Comp \$1750
Est Drlg \$ 1,402,096; Est Comp \$2,305,932; Est Tot \$3,708,028

07-30-12 Well dead; ready to run production; Est Daily Comp \$1100
Est Drlg \$ 1,402,096; Est Comp \$2,307,032; Est Tot \$3,709,128

07-31-12 Aol 9:00 RU PU, pumped 110 bbls.10 # brine down tubing to kill well.ND well head, pulled 16 stds. 2 7/8 tubing. CWI SD 1:30 RD for repairs; Est Daily Comp \$4400
Est Drlg \$ 1,402,096; Est Comp \$2,311,432; Est Tot \$3,713,528

08-01-12 RD for repairs; rig is repaired; Est Daily Comp \$2100
Est Drlg \$ 1,402,096; Est Comp \$2,313,532; Est Tot \$3,715,628

08-02-12 AOL 7:00 am. Pumped 20 bbls 10 # brine down csg. Pulled 92 stands, one single 2-7/8 L80 tbg, pump open sub & bit. Ran BP, 1- MA jt, 8' sand screen, 2-7/8 x 5-1/2 TAC, R packer, gas seperator, 2' x 2-7/8 sub, SN, 230 jts (7519'). Set TAC 16 pts. ND BOP. Land tbg. NU well head to run rods. Ran 18" strainer nipple, 2-1/2 x 1-1/2 x 30' RXBC pump, 1- 1-1/2 Kbar, 26 K shear tool, 7- 1-1/2" kbars, 92- 1" kd steel rods. CWI SD 6:00 pm; Est Daily Comp \$66,400
Est Drlg \$ 1,402,096; Est Comp \$2,579,932; Est Tot \$3,782,028

08-03-12 AOL 7:00 Pumped 10 bbls.10 # brine down tubing.Run 132 1.25 FG rods, 1-3' sub 1.5 X 26' polish rod. Hung well on,check pump action.Pressure up 500 psi. NU well head.RD PU 2:30 Final report, release to production; Est Daily Comp \$5300

08-04-12 BLW 31,322
Est Drlg \$ 1,402,096; Est Comp \$2,585,232; Est Tot \$3,987,328

08-05-12 Waiting to balance unit and start well to test

08-06-12 No tst; running lines @ battery for safety on H2S production