

SAMSON 25-1 (SPRABERRY/TREND)*DESTA #8****ANDREWS CO., TX**

AFE# 101298

SPUD DATE: 11/28/10

API: 42-003-42212

Prop Num: 76987-001

11/28/10

PD 155'; PO: MOVE IN & RU, DRILL F/60'-155'. MW 8.6; VIS 36

CWC \$147,145

11/29/10

DAS 1; PD 408'; PO: DRILL F/155'-408', CIRC, DROP TOTCO, SET KELLY BACK, TOH. RUN 10 JTS 13 3/8" CSG & CMT, CUT OFF, WELD ON HEAD. NU BOP & TEST, LOAD DP & DCS ON RACKS & STRAP. MW 8.6; VIS 34
CWC \$215,473

11/30/10

DAS 2; PD 1235'; PO: MU BIT, SHOCK SUB & TIH, PU KELLY & TEST PIPE RAMS, DRILL CMT, TAG @ 368'.
DRILL F/408'-1235'. MW 8.5; VIS 32
CWC \$233,672

12/1/10

DAS 3; PD 1957'; PO: DRILL F/1235'-1957'. MW 10; VIS 29

CWC \$248,991

12/2/10

DAS 4; PD 3060'; PO: DRILL F/1957'-3060'. MW 10; VIS 29

CWC \$266,558

12/3/10

DAS 5; PD 3941'; PO: DRILL F/3060'-3941'. MW 10; VIS 29

CWC \$284,030

12/4/10

DAS 6; PD 4666'; PO: DRILL F/3941'-4666'. MW 10; VIS 29

CWC \$301,850

12/5/10

DAS 7; PD 4963'; PO: DRILL F/4666'-4963'. MW 10.3; VIS 50; FL 15

CWC \$317,578

12/6/10

DAS 8; PD 4963'; PO: CIRC & COND MUD, DROP TOTCO, SET KELLY BACK & TOH. RUN 116 JTS 8 5/8" CSG, WASH F/4933'-4963', CIRC, CMT, RU BOP LIFTS. MW 10.3; VIS 61, FL 10
CWC \$494,657

12/7/10

DAS 9; PD 5509'; PO: ND BOP, SET SLIPS, CUT OFF CSG, INSTALL B-SECTION & NU. TEST BLIND RAMS, PU BHA, BIT, MTR, RMRS & TIH. TEST PIPE RAMS & ANNULAR, DRILL CMT, FC & SHOE, TAG @ 4913'. DRILL F/4963'-5509'. MW 8.4; VIS 29
CWC \$535,643

12/8/10

DAS 10; PD 6923'; PO: DRILL F/5509'-6923'. MW 8.4; VIS 29

CWC \$575,290

12/9/10

DAS 11; PD 7835'; PO: DRILL F/6923'-7835'. MW 8.4; VIS 31

CWC \$603,633

12/10/10

DAS 12; PD 8841'; PO: DRILL F/7835'-8841'. MW 8.4; VIS 30

CWC \$636,173

12/11/10

DAS 13; PD 9962'; PO: DRILL F/8841'-9962'. MW 8.6; VIS 30

CWC \$655,965

12/12/10

DAS 14; PD 11037'; PO: DRILL F/9962'-11037'. MW 8.4; VIS 30

CWC \$682,264

12/13/10

DAS 15; PD 11337'; PO: DRILL F/11037'-11337', PMP SWEEP, SPOT PILL, DROP TOTCO, SET KELLY BACK, CUT 120' DL. LDDP & PREP TO RUN 5.5 CSG. MW 8.6; VIS 29
CWC \$818,884

12/14/10

DAS 16; PD 11337'; PO: RUN 290 JTS 5.5 CSG & CMT.

CWC \$1,089,411

12/15/10

DAS 17; **PD 11337**; PO: RD – MOVE TO AU 14-2.

CWC \$1,099,944

Samson University 25 #1

AFE: #101298/New Drlg/\$2,171,300/CWEI GWI: 60%

API: #42-003-42212

01-03-11 Blade and Restore location. Install surface valves and fill in cellar. MIRU Halliburton wireline and pump trk. RIH with logging tools and tagged PBTD at 11,200'. Pressured up on csg to 1,000#. POH and ran Compensated Neutron, Spectral gamma ray log w/CCL, and Radial cement bond logw/gamma ray and CCL from 11,200' to surface. Est. cement top at 1,650'. Stopped Spectral gamma ray and Neutron log at 5,000, stopped CBL at 1,650'. POH and RD WL; Est Daily Comp \$249,869

01-04/11-11 Prep to pickle & spot acid

01-12-11 MI RU PU @ 12:00 p.m. NU BOP Set Hydrawalk; Unload & rack 375 jts. 2 7/8" L80 8rd tbg. Remove thd. Protectors; Tally top layer tbg. P/u & TIH w/ 103 jts. Tbg. SIW SDFN @ 5.45 p.m. to prep rig f/ cold. Tomorrow: Finish TIH w/ tbg. Test csg. Pickle & spot; Est Daily Comp \$10,000
Est Drlg \$1,099,944; Est Comp \$259,869; Est Tot \$1,359,813

01-13-11 AOL @ 7:00 a.m. Finish removing thrd. Protectors & tally tbg. P/u & TIH w/ 370 jts. Tbg. Tag PBTD @ 11,256.68' kb. L/d 1 jt. Tbg. SIW SDFN @ 5:00 p.m. Tomorrow: Pickle tubulars; Est Daily Comp \$6940

01-14-11 RU HES acidizers & vac. Trucks. Test csg. To 4500 psi. Pickle tubulars w/ 500 gals. 15% HCL acid. MSA acid leaked into xylene tank. HES said it would not effect MSA acid. Spotted 1000 glas. MSA acid @ 11,162'. RD HES acidizers; POOH & l/d 294 jts. Tbg. SIW SDFWE; Est Daily Comp \$15,440

01-15/16-11 SDFWE
Est Drlg \$1,099,944; Est Comp \$282,249; Est Tot \$1,382,193

01-17-11 AOL 7am; fin LD tbg; ND BOP; RDMO PU; RD hydrawalk; flange up WH; Est Daily Comp \$6000
Est Drlg \$1,099,944; Est Comp \$288,249; Est Tot \$1,388,193

01-18-11 Ready to perf lwr zone; Est Daily Comp \$500
Est Drlg \$1,099,944; Est Comp \$288,749; Est Tot \$1,388,693

01-21-11 MI & set 9 frac tnks & 1 acid tnk; ready to perf lwr zone; Est Daily Comp \$3200

01-22/23-11 Ready to perf lwr zone; Est Daily Comp \$1600
Est Drlg \$1,099,944; Est Comp \$293,549; Est Tot \$1,393,493

01-24-11 Ready to perf lwr zone; Est Daily Comp \$500
Est Drlg \$1,099,944; Est Comp \$295,049; Est Tot \$1,394,993

01-25-11 Ready to perf lwr zone; Est Daily Comp \$800
Est Drlg \$1,099,944; Est Comp \$295,849; Est Tot \$1,395,793

01-26-11 Ready to frac lower zone. Lay water transfer line; Est Daily Comp \$800
Est Drlg \$1,099,944; Est Comp \$296,649; Est Tot \$1,396,593

01-27-11 Ready to frac. Set pumping unit. MI RU HES wireline; p/u perf guns; TIH & perforate lower zone. RD HES wireline; SIW; Est Daily Comp \$1600
Est Drlg \$1,099,944; Est Comp \$298,249; Est Tot \$1,398,193

01-30-11 Ready to frac
Est Drlg \$1,099,944; Est Comp \$298,249; Est Tot \$1,398,193

01-31-11 AOL for 7 stage frac with Odessa White. Did not start pumping until 11am.
Stage 1:
Pumped 20,397 gal treated water, 115,492 gal XL gel (30# system), 2012 gal 15% HCL, and 133,200 lbs of 20/40 ceramic proppant. Total fluid = 137,901 gal. Average pressure = 5528 psi @ 62 bpm. ISIP = 3963 psi.
Stage 2:
TIH w/ CBP and perf guns. Set plug @ 10,870' and perf 10,436'-10,838' (40 holes). TOH. Pumped 18,988 gal treated water, 14,121 gal XL gel (25# system), and 12,142 gal 15% HCL. Total fluid = 45,251 gal. Acid frac stage with alternating acid/gel sweeps. Average pressure = 4412 psi @ 67 bpm. ISIP = 2886 psi.
Stage 3:

Samson University 25 #1

AFE: #101298/New Drlg/\$2,171,300/CWEI GWI: 60%

API: #42-003-42212

TIH w/ CBP and perf guns. Plug did not fire, TOH, repair, and TIH. Set plug @ 10,290' and perf 9958'-10,150' (64 holes). TOH. Pumped 8503 gal treated water, 123,061 gal XL gel (22# system), 2024 gal 15% HCL, and 153,574 lbs of 20/40 SLC. Total fluid = 133,588 gal. Average pressure = 4854 psi @ 70 bpm. ISIP = 4796 psi.

Stage 4:

TIH w/ CBP and perf guns. Set plug @ 9880' and perf 9410'-9852' (48 holes). TOH. Pumped 7751 gal treated water, 119,375 gal XL gel (22# system), 2028 gal 15% HCL, 144,267 lbs of 20/40 Ottawa, and 21,514 lbs of 20/40 SLC. Total fluid = 129,154; total sand = 165,781 lbs. Average pressure = 3320 psi @ 65 bpm. ISIP = 137 psi.

Stage 5:

TIH w/ CBP and perf guns. Set plug @ 9280' and perf 8618'-9176' (58 holes). TOH. Pumped 7153 gal treated water, 152,048 gal XL gel (22# system), 2021 gal 15% HCL, 220,414 lbs 20/40 Ottawa, and 12,878 lbs of 20/40 SLC. Total fluid = 161,222 gal; total sand = 233,292 lbs. Average pressure = 2839 psi @ 73 bpm. ISIP = 1209 psi.

Stage 6:

TIH w/ CBP and perf guns. Set plug @ 8440' and perf 7970'-8313' (58 holes). TOH. Pumped 9331 gal treated water, 152,838 gal XL gel (22# system), 1996 gal 15% HCL, 232,433 lbs 20/40 Ottawa, and 21,796 lbs of 20/40 SLC. Total fluid = 164,165; total sand = 254,229 lbs. Average pressure = 2464 psi @ 71 bpm. ISIP = 1299 psi. Had problems with blender freezing.

Could not do wireline for stage 7. SD and wait on orders

Est Drlg \$1,099,944; Est Comp \$299,949; Est Tot \$1,399,193

02-07-11 AOL 7:00 am. 1000 psi on well. Bled well down 30 mins. CWI. Call for wireline trk to set plug. RU PU. Set racks, hydro walk. Moved tbg to racks. Pulled protectors, tally tbg. RU WSI wireline to set plug @ 6500'. RD WSI. Pull frac head, weld bell nipple on 5-1/2 csg. NU well head. CWI SD 6:00 pm; Est Daily Comp \$16,300
Est Drlg \$1,099,944; Est Comp \$316,249; Est Tot \$1,416,193

02-08-11 AOL 7:00 am. NU BOP. RU to run tbg. Run 4-5/8 hurricane bit, pump open sub, 188 jts 2-7/8 L80 tbg. CWI SD 3:30 pm due to wind. Hauled 720 bbls from pit; Est Daily Comp \$8800

Est Drlg \$1,099,944; Est Comp \$325,049; Est Tot \$1,424,993

02-09-11 SD due to cold weather; Est Daily Comp \$2000

Est Drlg \$1,099,944; Est Comp \$327,049; Est Tot \$1,426,993

02-10-11 AOL 7:00 am. PU 26 jts 2-7/8 L80 tbg. Tag and DP @ 6510'. RT. Tag @ 8400' c/o 50' sand. DP @ 8450'. RT. Tag @ 9230' c/o 60' sand. DP #3 @ 9290'. Well flowing 3-4 bpm. Circulate clean. Pull 30 stands. CWI SD 6:00 pm. Hauled 1080 bbls from pit; Est Daily Comp \$11,400

Est Drlg \$1,099,944; Est Comp \$338,449; Est Tot \$1,438,393

02-11-11 AOL 7:00 am. Ran 30 stands 2-7/8 tbg. PU 16 jts. Tag @ 9790' c/o 100' sand. DP #5 @ 9890'. RT. Tag @ 10230 c/o 70' sand. DP #6 @ 10300'. RT. Tag @ 10840' c/o 40' sand. DP #7 @ 10880'. RT. Tag @ 11160' c/o to TD @ 11256' kb. Well flowing 3-4 bpm. Pull and LD 67 jts. Stood 31 stands in derrick. CWI SD 6:30pm Hauled 1920 bbls from pit; Est Daily Comp \$12,700

02-12/13-11 SDFWE; Est Daily Comp \$2600

Est Drlg \$1,099,944; Est Comp \$353,749; Est Tot \$1,453,693

02-14-11 AOL 7:00 am. Ran 31 stands 2-7/8 tbg in hole. Pull and LD 61 jts. Left 247 jts. tub. In hole 7525'. Land tbg on BOP. Dropped ball and open sub 2000 psi. RD PU. NU well to frac tank. Open tbg on 32/64 choke 12:00 pm. Hauled 960 bbls from pit; Est Daily Comp \$7350

Est Drlg \$1,099,944; Est Comp \$361,099; Est Tot \$1,461,043

Samson University 25 #1

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02-15-11 Flwd 800 Bbls to frac tnk in 24 hrs; Est Daily Comp \$2050
Est Drlg \$1,099,944; Est Comp \$363,149; Est Tot \$1,463,093

02-16-11 Flwd 400 Bbls to frac tnk in 24 hrs; Est Daily Comp \$1850
Est Drlg \$1,099,944; Est Comp \$364,999; Est Tot \$1,464,943

02-17-11 Flwd 400 Bbls to frac tnk in 24 hrs; Est Daily Comp \$2850
Est Drlg \$1,099,944; Est Comp \$367,849; Est Tot \$1,467,743

02-18-11 Flwd 100 Bbls to frac tnk in 24 hrs; Est Daily Comp \$2650

02-19-11 Flwd 310 Bbls to frac tnk in 24 hrs; Est Daily Comp \$1650

02-20-11 Flwd 80 Bbls to frac tnk in 24 hrs; Est Daily Comp \$1450
Est Drlg \$1,099,944; Est Comp \$373,599; Est Tot \$1,473,543

02-21-11 Flwd 120 Bbls to frac tnk in 24 hrs; Est Daily Comp \$1350
Est Drlg \$1,099,944; Est Comp \$374,949; Est Tot \$1,474,893

02-22-11 AOL 4:30pm; set rig mat; RUPU; SD 6:30pm; left well flwg to FT; Est Daily Comp \$2050
Est Drlg \$1,099,944; Est Comp \$376,999; Est Tot \$1,476,943

02-23-11 AOL 7:00 am. RU pump trk. Pumped 40 bbls 10# brine down tbg, 60 bbls 10# down csg. ND WH; tbg started flwg; pmpd 100 bbls 10# brine down csg. Pulled 123 stands, 1 single, pump open sub and bit. Ran BP, 1- MA jt, super perf, 2-7/8 x 5-1/2 TAC, R. pkr, gas separator, SN; ran 5 stands tbg. TAC hung up. POH w/tbg. Had rubber in TAC. Cleaned TAC. Ran back in hole w/BHA and 123 stands 2-7/8 tbg. Left well open to frac tank. SD 6:30 pm.; Est Daily Comp \$53,850
Est Drlg \$1,099,944; Est Comp \$430,849; Est Tot \$1,530,793

02-24-11 AOL 7:00 am. Ran 12 jts 2-7/8 tbg. Total jts in hole 258(7861'). SN 7862'. Pulled BOP, set TAC 21 pts. NU well head. Ran 2.5" x 1.5" x 24' pump, Browning on and off tool, 4 - 1-1/2" Kbars, 112- 3/4 HS steel rods, 91- 7/8" HS steel rods, 48- 1" HS steel rods. CWI SD 5:30 pm.; Est Daily Comp \$720
Est Drlg \$1,099,944; Est Comp \$438,049; Est Tot \$1,537,993

02-25-11 AOL 7:00 am. PU 60- 1" HS rods, 1- 8', 1- 6', 2- 4' subs, 1-1/2" x 26" polish rod. Wait on electrician. Hung well on. CK pump action 500 psi. RD PU. SD 4:30 pm. Released to prod. Final report; Est Daily Comp \$5200
Est Drlg \$1,099,944; Est Comp \$443,249; Est Tot \$1,543,193

03-08-11 Pmpd 4 BO + 293 BW + 0 MCF to frac tnks

03-09-11 Pmpd 5 BO + 268 BW + 0 MCF to frac tnks

03-10-11 Pmpd 4 BO + 283 BW + 0 MCF to frac tnks

03-11-11 Pmpd 3 BO + 105 BW + TSTM gas to frac tnks

03-12-11 Pmpd 5 BO + 52 BW + TSTM gas to frac tnks

03-13-11 Pmpd 8 BO + 202 BW + TSTM gas to frac tnks

03-14-11 Pmpd 33 BO + 164 BW + 0 MCF to frac tnks

03-15-11 Pmpd 40 BO + 218 BW + 0 MCF to frac tnks

03-16-11 Pmpd 49 BO + 395 BW + 28 MCF to frac tnks

03-17-11 Pmpd 0 BO + 30 BW + 0 MCF to frac tnks; NPA

03-22-11 Pmpd 45 BO + 126 BW + 26 MCF to frac tnks; BO

03-23-11 Pmpd 40 BO + 209 BW + 23 MCF to frac tnks

03-24-11 Pmpd 22 BO + 176 BW + 13 MCF to frac tnks

03-25-11 Pmpd 42 BO + 225 BW + 24 MCF

03-26-11 Pmpd 20 BO + 148 BW + 11 MCF

03-27-11 Pmpd 34 BO + 163 BW + 19 MCF

03-28-11 Pmpd 20 BO + 103 BW + 11 MCF
BLW 18,364; BLWR 3160 (17%); BLWTR 15,204

03-29-11 Pmpd 22 BO + 120 BW + 13 MCF; **dropped from report**
BLW 18,364; BLWR 3280 (18%); BLWTR 15,084

Samson University 25 #1

AFE: #101298/New Drlg/\$2,171,300/CWEI GWI: 60%

API: #42-003-42212

04-05-11 MIRU PU; RU KT; LD PR; unset pmp; POOH & LD rods; ND WH; rel TAC; NU BOP; POOH LD tbg; SIW SDFN; Est Daily Comp \$7150
Est Drlg \$1,099,944; Est Comp \$450,399; Est Tot \$1,550,343

04-06-11 AOL @ 7:00 a.m. RU kill truck; kill well w/ 40 brine; Finish POOH & L/d tbg. ND BOP NU 7 1/16" x 5k frac stack. RD MO PU. Well is ready to set CBP & perf last stage; Est Daily Comp \$4580
Est Drlg \$1,099,944; Est Comp \$454,979; Est Tot \$1,554,923

04-07-11 Ready to set CBP & perf last stg; Est Daily Comp \$2000
Est Drlg \$1,099,944; Est Comp \$456,979; Est Tot \$1,556,923

04-08/10-11 Ready to set CBP & perf last stg
Est Drlg \$1,099,944; Est Comp \$456,979; Est Tot \$1,556,923

04-11-11 Ready to set CBP & perf last stg
Est Drlg \$1,099,944; Est Comp \$456,979; Est Tot \$1,556,923

04-12-11 Ready to set CBP & perf last stg; Est Daily Comp \$1800
Est Drlg \$1,099,944; Est Comp \$458,779; Est Tot \$1,558,723

04-13-11 Ready to set CBP & perf last stg; Est Daily Comp \$1800
Est Drlg \$1,099,944; Est Comp \$467,779; Est Tot \$1,567,723

04-14-11 Ready to set CBP & perf last stg; Est Daily Comp \$1800
Est Drlg \$1,099,944; Est Comp \$469,579; Est Tot \$1,569,523

04-15-11 MI RU HES wireline; P/u CBP & perf guns; TIH & set CBP @ 7950'; Perforate 7563'-74564' w/ ! Jspf; 7618'-7620' w/ 7 jspf; 7678'-7680' w/ 4 jspf; 7719'-7721' w/ 5 shots; 7780'-7783', 7867'-7870', 7927'-7930', w/ 11 shots per interval. RD HES wireline. Ready to frac final stage; Est Daily Comp \$6800

04-16/17-11 Ready to frac final stg; Est Daily Comp \$3600
Est Drlg \$1,099,944; Est Comp \$479,979; Est Tot \$1,579,923

04-18-11 Ready to frac final stg; Est Daily Comp \$1800
Est Drlg \$1,099,944; Est Comp \$481,779; Est Tot \$1,581,723

04-19-11 Ready to frac final stg
Est Drlg \$1,099,944; Est Comp \$481,779; Est Tot \$1,581,723

04-20-11 Ready to frac final stg; Est Daily Comp \$1800
Est Drlg \$1,099,944; Est Comp \$483,579; Est Tot \$1,583,523

04-21/25-11 Ready to frac final stg; Est Daily Comp \$9000
Est Drlg \$1,099,944; Est Comp \$483,579; Est Tot \$1,583,523

04-26-11 Stage 7: MIRU Halliburton Extreme Corp. Proposed pump time was 8:00 AM. Actual pump time was 10:52 AM. Pressure tested lines to 5000 PSI. Wee was on vacuum. Formation breakdown pressure 4,105 PSI. Notes: Pumped approximately 4500 GALS before well pressured up. Achieved 70 BPM rate at 4000 PSI. Lost cross-linked gel viscosity. Made changes in set-up. Achieved 70 BPM rate and 4000 PSI. Again lost cross-linked gel viscosity. Checked set points and system set-up. Added more hoses to dry gel system and blower hose to dry gel hydration unit. Achieved 70 BPM rate and 4000 PSI. Pumped: 12,484 gal of Treated Water; 2000 GALS 15 % HCL acid; 190,799 gal of Water Frac G - R (15) XL carrying 127,820 LBS of Ottawa 20/40 sand. The average treating rate was 70.1 BPM and average treating pressure was 3,766 PSI. The total liquid load to recover is 205,283 GALS. BLWTR-4888. The desired sand volume was 360,000 LBS. The conveyor belt on the first mountain mover broke. Switched to second mountain mover. Could not make repairs to first mountain mover in time to continue job. Went to flush and terminated job
Est Drlg \$1,099,944; Est Comp \$490,779; Est Tot \$1,590,723

04-27-11 560 PSI; OW to TT @ 5:15pm on 26/64" chk; Est Daily Comp \$1800
Est Drlg \$1,099,944; Est Comp \$492,579; Est Tot \$1,592,523