

*ANDREWS UNIVERSITY 17-3 (Spraberry-Trend)	Destra Drilling #3	Andrews Co., TX
AFE# 90223	SPUD DATE: 3/11/10	API: 42-003-41181
		Prop Num: 03991-003

3/11/10
PD 420'; PO: MOVE IN & RU. DRILL F/60'-420'. MW 8.4; VIS 29 CWC \$153,078

DAS 1; **PD 421'**; PO: CIRC F/ TOH, DROP TOTCO & TOH. RU CSG CREW, MU 2 JTS CSG, CROSS THREADED, LAYDOWN 2 JTS CSG, WAIT ON NEW TEXAS PATTERN SHOE. MU SHOE AND RUN 10 JTS 13 3/8" CSG TO 421', RD CSG CREW. RU HSE, SAFETY MEETING, CEMENT CSG W/ 440 SX HALCEM C, 14.8 PPG 1.35 YIELD, END JOB @ 3:45 PM, 3-11-10, CIRC 145 SX TO PIT, WOC. CUT OFF CSG, WELD ON CSG HEAD. NU BOP, TEST BLINDS, HRC, CHOKE. MU BIT AND TIH. MW 8.4; VIS 29 CWC \$211,978

3/13/10
DAS 2; **PD 1940'**; PO: TEST HYDRIL, DRILL OUT CMT, DRILL F/421'-1940'. MW 9.9; VIS 29 CWC \$227,912

3/14/10
DAS 3; **PD 2957'**; PO: DRILL F/1940'-2957'. MW 9.9; VIS 29 CWC \$241,748

3/15/10
DAS 4; **PD 3970'**; PO: DRILL F/2957'-3970', MW 10; VIS 29 CWC \$257,997

3/16/10
DAS 5; **PD 4859'**; PO: DRILL F/3970'-4859'. MW 10; VIS 29 CWC \$272,165

3/17/10
DAS 6; **PD 5099'**; PO: DRLG F/ 4859' – 5099', TOH F/ CSG, LAYDOWN 8" DC'S, SHOCK SUB. RIG UP LAYDOWN MACHINE / CASING CREW / TORQUE TURN. SAFETY MEETING - RUN 8 5/8" CSG. MW 10.2; VIS 49 CWC \$402,252

3/18/10
DAS 7; **PD 5451'**; PO: RUN 120 JTS 8 5/8" CSG TO 5099', CIRCULATE, RD CSG CREW. RU HES, SAFETY MEETING, CEMENT W/ 300SX ECONOCEM 11.9 PPG, 2.47 YIELD LEAD AND 1020 SX HALCEM 10.47 PPG, 1.93 YIELD, PLUG DOWN @ 10:39 AM, 3-17-10, FLOATS HELD, CIRCULATE 177 SX TO PITS, RD HES. ND BOP, SET SLIPS 120 K, CUT OFF. NU TBGHD, DSA, TEST BOP. PU BHA, TIH, INSTALL ROTATE HEAD, TEST PIPE RAMS 700, TAG CEMENT @ 5045', DRILL OUT PLUG, CEMENT, DRLG F/ 5099' – 5451'. MW 8.3; VIS 29 CWC \$467,108

3/19/10
DAS 8; **PD 7070'**; PO: DRILL F/5451'-7070'. MW 8.4; VIS 28 CWC \$481,638

3/20/10
DAS 9; **PD 8087'**; PO: DRILL F/7070'-8087'. MW 8.4; VIS 28 CWC \$496,060

3/21/10
DAS 10; **PD 9358'**; PO: DRILL F/8087'-9358'. MW 8.4; VIS 28 CWC \$524,805

3/22/10
DAS 11; **PD 10406'**; PO: DRILL F/9581'-10406'. MW 8.4; VIS 28 CWC \$538,393

3/23/10
DAS 12; **PD 11119'**; PO: DRILL F/10406'-11119'. MW 8.4; VIS 28 CWC \$561,695

3/24/10
DAS 13; **PD 11247'**; PO: DRILL F/11119'-11176', SET BACK KELLY / DROP TOTCO. TOH F/BIT #3, LD MTR, REAMERS, PU NEW MTR, JET BIT, TEST MTR. TIH W/BIT #4, PU KELLY, BREAK CIRC, REAM 90' T/BTM. DRILL F/11176'-11247'. MW 8.4; VIS 29 CWC \$583,924

3/25/10
DAS 14; **PD 11400'**; PO: DRILL F/11247'-11,400', CIRC, PUMP HI VIS SWEEP & SPOT WL PILL. DROP TOTCO & TOH F/LOGS. SAFETY MTG, RU HALLIBURTON – LOG TD 11327'. MW 8.4; VIS 29 CWC \$597,951

3/26/10

DAS 15; PD 11400'; PO: LOGGING & RIG DOWN LOGGERS. TIH W/ BHA, CUT & SLIP DRILLING LINE - (FIX OIL LEAK ON COMPOUND). INSTALL ROTATING HEAD & TIH. BRK CIRCULATION & WASH 70' TO BOTTOM, CIRCULATE. RIG UP LAY DOWN MACHINE, LDDP. MW 8.4; VIS 29 CWC \$630,579

3/27/10

DAS 16; PD 11400'; PO: LDDP, BREAK KELLY, LAY DOWN DRILL COLLARS. RIG UP CASING CREW & RUN 6 JTS-5 1/2" CASING. WAIT ON CASING TONG UNIT, RUNNING CASING. SHUT DOWN - EXTREMELY HIGH WINDS - UNSAFE CONDITIONS RUNNING CASING. CWC \$643,907

3/28/10

DAS 17; PD 11400'; PO: RUNNING CASING, WASH CASING DOWN F/ 11342' - 11400', CIRCULATE (RIG DOWN CASING CREW & LAY DOWN MACHINE). SAFETY MEETING, RIG UP HES & CEMENT; LEAD W/ 375 SKS ECONOCEM "H" AT 12.6 PPG 1.93 YIELD, TAIL W/ 850 SKS VERSACEM "H" @ 14.4 PPG 1.25, YIELD BUMP PLUG @ SHUT IN BACKSIDE. NIPPLE DOWN, SET SLIPS (165K), CUT OFF CASING & LAY OUT BOP. NIPPLE UP & TEST HEAD, JET PITS, RIGGING DOWN. CWC \$893,053

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CWEI GWI 86% API: #42-003-41181

03-29-10 AOL. Wait on Pradon to back drag location. Set rig mat. RUPU. NUBOP. Set racks and hydro walk. Unload tbg. Pulled protectors. Tally tbg. PU 4 5/8 bit, bit sub & 54 jts 2-7/8 6.5 # L80 tbg. Closed well in. Shut down; Daily Comp \$256,550
Est Drlg \$893,053; Est. Comp \$256,550

03-30-10 AOL. PU and ran 289 jts 2-7/8 L80 tbg. Tagged bottom @ 11300' kb. Lay down 1 jt. RU HSE. Pressure test 4500 psi. Held ok. Pumped 500 gals Xylene, 5 bbls fresh water, 500 gals NeFe 15% HCL acid to pickle tbg @ 1-2 bbls per min. Circulate clean w/300 bbls fresh water. RD HSE. Rig down hydrowalk. Closed well in. Shut down; Est Daily Comp \$15,750
Est Drlg \$893,053; Est Comp \$272,300; Est Tot \$1,165,353

03-31-10 AOL. RU reverse unit. Started drilling cement @ 11300'. Drilled out float collar @ 11357'. Drilled to 11379'kb. LD swivel, pulled & lay down 8 jts. 2 7/8 L80 tub.RU HES spot 1000 gals 10% acetic acid @ 11118'. RD HES. Set hydro walk. LD 72 jts 2-7/8 tbg. Closed well in. Shut down; Est Daily Comp \$6800
Est Drlg \$893,053; Est Comp \$279,100; Est Tot \$1,172,153

04-01-10 AOL. LD 274 jts 2-7/8 L80 tbg, bit sub and 4-5/8 bit. NDBOP. NU flange. RD PU. Moved tbg, racks, hydro walk off location; Est Daily Comp \$6400
Est Drlg \$893,053; Est Comp \$285,500; Est Tot \$1,178,553

04-02/06-10 WO frac; Est Daily Comp \$3000

04-07-10 MI RU E & P Wireline Services. P/u CNL/GR/CBL/CCL logging tools. TIH Tagged up @ 11,366' PBTD. Logged CNL 500', GR/CBL /CCL to surface. Est. TOC @ 3520'. L/d logging tools. RD E & P Wireline. SIW; Est Daily Comp \$9550

04-08-10 WO frac
Est Drlg \$893,053; Est Comp \$298,050; Est Tot \$1,191,103

04-09-10 ND production head. NU frac stack. MI 9 frac tanks & 1 acid tank; Est Daily Comp \$5000

04-10/12-10 SI WOF; Est Daily Comp \$2550

04-13-10 MI RU HES wireline(Tim Aguero). P/u perforating guns. TIH & perforate 11,288'-11,310'; 11,240'-11,242'; 11,218'-11,223' w/ 1shot per interval; 11,182'-11,192' w/ 2 jsf; 11,160'-11,164'; 11,142'-11,150'; 11,084'-11,086' w/ 1 shot per interval. Guns dragged up the hole f/ 2000'. POOH RD wireline. RU kill truck. Breakdown formation @ 2350 psi. ISIP 1900 psi. RD kill truck. Left well SI. Wireline ticket left open f/ stage work; Est Daily Comp \$1730
Est Drlg \$893,053; Est Comp \$307,830; Est Tot \$1,200,883

04-14-10 WO frac
Est Drlg \$893,053; Est Comp \$307,830; Est Tot \$1,200,883

04-16-10 MIRU Halliburton pumping and wireline.
Stage #1 - Breakdown formation - increased rate and pumped 2863-bbls of x-linked gel, carrying 78,700# of 18/40 vesalite sand, staged from 1/2# to 2#. Increase in pressures forced early flush. Spotted 2,000 gals of 15% HCl acid with flush. ISIP-4586#, max psi.- 5786#, avg psi.-5239#, max rate - 52 bpm, avg rate - 42 bpm, total load to recover - 2863-bbls. ND frac and Ru WL.
Stage #2 - RIH with 3 1/8" csg guns (no plug) and perforated 10685' - 10687', 10707' - 10709', 10806' - 10808', 10842' - 10844', 10876' - 10878', 10935' - 10940', and 10988' - 10992' - 2 spf - 70 total holes. POH and RD WL and NU frac. Breakdown formation 3274# at 5 bpm, increased rate and pumped - 2996-bbls of x-linked gel, carrying 21,300# of 18/40 versalite and 52,300# of 20/40 super LC sand, (73,600# total sand) staged from 1/2# to 2#. Increase in surface and BHP prompted early flush. Spotted acid w/flush. ISIP-4295#, max psi.- 5950#, a vg psi.-5603#, max rate - 70 bpm, avg rate - 57 bpm, total load to recover - 2,996-bbls. ND frac and RU WL.
Stage #3 - RIH and set plug at 10,400' . Pull up and perforated 10214' - 10217', 10172' - 10176', 10063' - 10068', 9985' - 9987', and 9957' - 9959' - 2 spf - 70 total holes. POH, RD WL and NU frac. Breakdown formation - 3464# at 5 bpm,

increased rate and pumped 1649-bbls of x-linked gel carrying 14,600# of 20/40 super LC sand in 1 - 1/2# stage. Pressure increase prompted early flush. Spot acid with flush. ISIP- 3006#, max psi.- 6082#, avg psi.- 5102#, max rate - 66 bpm, avg rate - 61 bpm, total load to recover - 1649-bbls. ND frac and RU wireline.

Stage #4 - RIH and set plug at 9840'. Tested plug to 2500#. Held ok. Pulled up and perforated 9528' - 9532', 9576' - 9581', 9679' - 9684', and 9708' - 9710' - 4 spf - 70 total holes. POH and RD WL and NU frac. Breakdown formation 1410# - 5 bpm, increased rate and pumped 2,365 -bbls of x-linked gel, carrying, 74,749# of 20/40 ottawa sand, and 50,651# of 20/40 super LC sand, staged from 1/2# to 3#. Spotted acid with flush. ISIP-1259#, max psi.- 3453#, avg psi.- 2964#, max rate- 71 bpm, avg rate - 67 bpm, total load to recover - 2365-bbls. ND frac and RU WL.

Stage #5 - RIH and set plug at 9,400'. Pull up and perforated 9198 - 9200', 9081' - 9086', 9022' - 9024', 9000' - 9002', 8970' - 8973', 8929' - 8932', 8800' - 8802', and 8748' - 8750'. - 70 total holes. POH and RD WL and NU frac. Breakdown formation 1508# - 5 bpm, increased rate and pumped 4,231 -bbls of x-linked gel, carrying 177,253# of 20/40 ottawa sand and 40,547# of super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP-978#, max psi.-3202#, avg psi.- 2834#, max rate - 74 bpm, avg rate - 70 bpm, total load to recover - 4231-bbls. ND frac and RU WL.

Stage #6 - RIH and set plug at 8600'. Pull up and perforate 8166' - 8173', 8242' - 8246', and 8372' - 8375' - 4 spf - 70 holes. POH and RD WL. NU frac. Breakdown formation at 1612# at 5 bpm, increased rate and pumped 3118=bbls of x-linked gel carrying 128,596# of 20/40 ottawa and 55,004# of super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP-952#. Max psi.-2996#, Avg psi.- 2565#, Max rate - 70 bpm, avg rate - 68 bpm, total load to recover - 3118 bbls. ND frac and RU WL.

Stage #7 - RIH and set plug at 8100'. Tested plug to 1600#. held ok. Pull up and perforate 7880 - 7883', 7874'-7877', 7921'-7924', 7961'-7964', 8011'-8014', and 8058'-8061' - 4 spf - 70 total holes. POH and RD WL and NU frac. Breakdown formation 947# - 5 BPM, increased rate to 20 bpm and flushed acid with 100 bbls of treated water. ISIP-1063#. Close well in and shut down Est Drlg \$893,053; Est Comp \$307,830; Est Tot \$1,200,883

04-19-10

AOL. **Stage #7 cont.** - Pumped 4981- bbls of x-linked gel carrying 237,353# of 20/40 ottawa sand and 56,947# of super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP-1042#, max psi.-3475#, avg psi.-2673#, max rate - 70 bpm, avg rate - 69 bpm, total load to recover - 4981-bbls. ND frac and RU wireline.

Stage #8 - RIH and set plug at 7816', pull up and perforated - 7512' - 7515', 7554' - 7557', 7605' - 7608', 7664' - 7667', 7707' - 7710', 7740' - 7743', and 7773' - 7776' - 4 spf, 70 total holes. POH and RD wireline and NU frac. Breakdown formation at 1564# - 5 bpm, increased rate and pumped 5,185 -bbls of x-linked gel, carrying 274,678# of 20/40 ottawa sand and 52,322# of super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP- 1137#, max psi.- 3250#, avg psi.-2745#, max rate - 73 bpm, avg rate - 70 bpm, Total load to recover - 5186 - bbls. ND frac and RU WL.

Stage #9 - RIH and set plug at 7480'. Pull up and perforated 7319' - 7324', 7369' - 7374', 7414' - 7419', and 7443' - 7445'. 70 total holes. POH and RD WL and NU frac. Breakdown formation 2344# at 4 bpm, increased rate and pumped 1,769 - bbls of x-linked gel, carrying 65,718# of 20/40 ottawa sand and 16,882# of super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP- 1352#, max psi.-3427#, avg psi.-3173#, max rate - 71 bpm, avg rate - 70 bpm. total load to recover - 1,769-bbls. ND frac and RU WL.

Stage # 10 - RIH and set plug at 7200'. Tested plug to 2500#. Held ok. Pull up and perforated 6984' - 6990' - 6 spf , and 7008' - 7014' - 4 spf - 70 total holes. POH and RD WL. NU frac, breakdown formation 3771# at 4 bpm, increased rate

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and pumped 1598 bbls of X - linked gel, carrying 79,600# of 20/40 ottawa sand, staged from 1# to 3#. Flushed to 6500' with 151-bbls of treated water. ISIP - 1177#, max psi.- 6050#, avg psi.-3233#, max rate - 70 bpm, avg rate - 70 bpm. Total load to recover - 1598-bbls. ND frac and RU wireline. RIh and set cap plug at 6010'. Bled off psi. POH and RD wireline. RDMO H.E.S.. Total sand in formation all stages - 1,457,200 # . Total load to recover all stages - 30,757 – bbls; Est Daily Comp \$431,120
 Est Drlg \$893,053; Est Comp \$738,950; Est Tot \$1,632,003

04-20-10 Prep to DO
 Est Drlg \$893,053; Est Comp \$738,950; Est Tot \$1,632,003

04-21-10 AOL. Set rig mat. RU PU. Moved in racks, hydro walk and tbg. Pulled protectors and tally tbg. Ran 4-5/8 hurricane bit and sliding sleeve. Ran 183 jts. 2-7/8 L80 tbg. Tagged plug @ 6020'. RU reverse unit. PU swivel. Ready to drill. CWISD. Hauled 480 bbls from pit; Est Daily Comp \$10,500
 Est Drlg \$893,053; Est Comp \$749,450; Est Tot \$1,642,503

04-22-10 AOL. Drilled plug @ 6020'. Tag @ 7180' c/o 40' sand. Plug @ 7220' DP. Tag @ 7470' c/o 30' sand. Plug @ 7500' DP. Well flowing 3-4 bbls per min. Tag @ 7790' c/o 45' sand. Plug @ 7835' DP. Well flowing 4-5 bbls per min. Tag @ 8060' c/o 60' sand. Plug @ 8120' DP. Tag @ 8495' c/o 95' sand to 8590'. Circulate clean. Pulled 50 jts. CWIFN Hauled 2550 bbls water from pit; Est Daily Comp \$12,550
 Est Drlg \$893,053; Est Comp \$762,000; Est Tot \$1,655,053

04-23-10 AOL RIH w/ 50 jts. Tbg. Tag sand @ 8590'. WO sand & DO 6th plug @ 8620'. P/u tbg. & RIH Tag sand @ 9350'. WO sand & DO 7th plug @ 9420'. P/u & RIH w/ tbg. Tagged sand & 9780'. WO sand & DO plug 8th plug @ 9860'. P/u & RIH w/ tbg. Tag sand @ 10,380' WO sand & DO 9th plug @ 10,420'. Too mech pressure to go down hole. POOH & stand back 106 jts. SIW SDFWE; Est Daily Comp \$10,650

04-24/25-10 SDFWE; Est Daily Comp \$6500
 Est Drlg \$893,053; Est Comp \$779,150; Est Tot \$1,672,203

04-26-10 AOL. Ran 53 stands 2-7/8 L80 tbg. Tagged plug @ 10420'. Drilled on plug 15 min. Pushed plug to 11310'. Drilled plug and c/o to 11343'. Circulated well clean. Pulled 67 stands. CWISD due to wind. Hauled 1400 bbls from pit; Est Daily Comp \$9200
 Est Drlg \$893,053; Est Comp \$788,350; Est Tot \$1,681,403

04-27-10 AOL. Bled pressure of tbg. Ran 67 stands 2-7/8 L80 tbg. Pull and lay down 134 jts. NU flange on top of BOP. Total 212 jts in hole (6977'). Dropped ball and pumped sliding sleeve open ,2200 psi. Well flowing to frac tanks. RD PU; Est Daily Comp \$8700
 Est Drlg \$893,053; Est Comp \$797,050; Est Tot \$1,690,103

04-28-10 Well flowed 1450 bbls. 4/27/10 6:00 pm - 4/28/10 6:00 pm; Est Daily Comp \$2100
 Est Drlg \$893,053; Est Comp \$799,150; Est Tot \$1,692,203

04-29-10 Well flowed 490 bbls to frac tank; Est Daily Comp \$1100
 Est Drlg \$893,053; Est Comp \$800,250; Est Tot \$1,693,303

04-30-10 AOL. Snellson moved Pumping unit to down stroke. RU PU. Pumped 30 bbls brine down csg, 20 bbls down tbg. Let 30 bbls gravity down csg while pulling tbg. ND well head. Pulled 212 jts 2-7/8 L80 tbg. Ran BP 1 jt 2-7/8 (32.64'), super perf (4.10'), TAC (2.75'), packer (1.65'), gas seperator (40'), seat nipple (1.10'), 210 jts 2-7/8 L80 tbg (6917'). TAC @ 6961'. ND BOP. Set TAC (20 pts). Land tbg. NU wellhead. SDFWE; Est Daily Comp \$19,250
 Est Drlg \$893,053; Est Comp \$819,500; Est Tot \$1,712,553

05-01/02-10 SIFWE; Est Daily Comp \$700

05-03-10 AOL. Wait on rods. PU 2.5 x 1.5 x 24 pump, 4 1.5 kbars (100'), 97 3/4 steel rods (2425'), 90 7/8 steel rods (2250'), 83 1" steel rods (2075'). Spaced well. PU 1.5

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CWEI GWI 86% API: #42-003-41181

x 26' polish rod. Hang well on. Well pumped up 500 psi. Shut well down. RD PU.
Released to prod. Final report; Est Daily Comp \$50,450
Est Drlg \$893,053; Est Comp \$870,650; Est Tot \$1,763,703

06-01-10	Pmpd 1 BO + 372 BW + 0 MCF
06-02-10	Pmpd 26 BO + 346 BW + 0 MCF
06-03-10	Pmpd 0 BO + 346 BW + 0 MCF
06-04-10	Pmpd 0 BO + 374 BW + 0 MCF
06-05-10	Pmpd 0 BO + 374 BW + 0 MCF
06-06-10	Pmpd 5 BO + 321 BW + 0 MCF
06-07-10	Pmpd 0 BO + 360 BW + 0 MCF BLW 30,757; BLWR 7647 (25%); BLWTR 23,110
06-08-10	Pmpd 0 BO + 389 BW + 0 MCF BLW 30,757; BLWR 8036 (26%); BLWTR 22,721
06-09-10	Pmpd 0 BO + 353 BW + 0 MCF BLW 30,757; BLWR 8,392 (27%); BLWTR 22,368
06-10-10	Pmpd 0 BO + 400 BW + 0 MCF BLW 30,757; BLWR 8,792 (29%); BLWTR 21,965
06-11-10	Pmpd 0 BO + 291 BW + 0 MCF BLW 30,757; BLWR 9,083 (30%); BLWTR 21,674
06-12-10	Pmpd 0 BO + 150 BW + 0 MCF BLW 30,757; BLWR 9,233 (30%); BLWTR 21,524
06-13-10	Pmpd 5 BO + 225 BW + 0 MCF BLW 30,757; BLWR 9,458 (31%); BLWTR 21,299
06-14-10	Pmpd 7 BO + 203 BW + 0 MCF BLW 30,757; BLWR 9661 (31%); BLWTR 21,096
06-15-10	Pmpd 0 BO + 353 BW + 0 MCF BLW 30,757; BLWR 10,014 (33%); BLWTR 20,743
06-16-10	Pmpd 15 BO + 414 BW + 0 MCF BLW 30,757; BLWR 10,428 (34%); BLWTR 20,329
06-17-10	Pmpd 0 BO + 337 BW + 0 MCF BLW 30,757; BLWR 10,765 (35%); BLWTR 19,992
06-18-10	Pmpd 7 BO + 358 BW + 0 MCF
06-19-10	Pmpd 0 BO + 406 BW + 0 MCF
06-20-10	Pmpd 0 BO + 352 BW + 0 MCF BLW 30,757; BLWR 11,881 (39%); BLWTR 18,876
06-21-10	Pmpd 0 BO + 242 BW + 0 MCF BLW 30,757; BLWR 12,123 (39%); BLWTR 18,634
06-22-10	Pmpd 10 BO + 305 BW + 18 MCF to frac tnks BLW 30,757; BLWR 12,428 (40%); BLWTR 18,329
06-23-10	Pmpd 3 BO + 321 BW + 0 MCF to frac tnks BLW 30,757; BLWR 12,749 (41%); BLWTR 18,008
06-24-10	Pmpd 0 BO + 387 BW + 0 MCF to frac tnks BLW 30,757; BLWR 13,136 (43%); BLWTR 17,621
06-25-10	Pmpd 63 BO + 322 BW + 30 MCF to frac tnks BLW 30,757; BLWR 13,523 (44%); BLWTR 17,234
06-26-10	Pmpd 0 + 285 BW + 0 MCF BLW 30,757; BLWR 13,523 (44%); BLWTR 17,234
06-27-10	Frac tank off BLW 30,757; BLWR 13,808 (45%); BLWTR 16,949
06-28-10	SI pending squeeze of upper Clear Fork perms; <u>dropped from report</u> BLW 30,757; BLWR 13,808 (45%); BLWTR 16,949
09-02-10	9:00 a.m. MIRU Key pulling unit. Unhang well. POH with rods and pump. NU pump trk on csg and pumped 30-bbls 10# down csg and 20-bbls 10# down tbgs to kill well. ND wellhead and NU BOP. Worked to release T.A.C.. Tally out of hole with 210 jts of 2 7/8" tbgs, sn, bottom hole gas separator, packer, and T.A.C.. Close well in and shut down for day. 6:00 p.m.; Est Daily Comp \$5000

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Est Drlg \$893,053; Est Comp \$875,650; Est Tot \$1,768,703

09-03-10 AOL. 7:20a.m. casing gasing. NU pump trk and pumped 30-bbls down csg to kill gas. Pickup 5 1/2" RBP and packer. RIH with 216 jts of 2 7/8" tbg and set RBP at 7100'. Pull up and set packer. NU pump trk on tbg. Pumped 6-bbls to load and test RBP to 1000#. held ok. Released packer. POH with 5 jts and set packer at 6926'. NU pump trk and pumped 10-bbls to load and test csg to 500#. Held ok. NU up pump trk on tbg and pumped 20-bbls down tbg to establish rate and pressure of 3 1/2 bpm at 1200#. Released packer, RIH with 5 jts of 2 7/8" tbg and spotted 2 sxs of sand on RBP. POH with 215 jts of 2 7/8" tbg and layed down packer. Water pump on pulling unit out. Close well in and shut down for day, while making repairs to rig. 5:00 pm; Est Daily Comp \$8550

09-04-10 AOL. 7:15 a.m. Pump 20-bbls to kill gas. Pickup and RIH with 5 1/2" cement retainer, 210-jts of 2 7/8" tbg to 6914'. MIRU Halliburton cement trks. Pump 42-bbls down tbg to clear retainer. Worked 1hr to set cmt retainer and could not get it to set. ND H.E.S.. POH with 210 jts of 2 7/8" tbg and changed out retainer. RIH with 210 jts 2 7/8" tbg. RU H.E.S.. Pumped 20-bbls down tbg and established circulation. Set cmt retainer and tested tbg to 3,000#. Sting in and out of retainer. Pressured up on csg to 300#. Pumped 20-bbls to establish rate and pressure of 2 bpm - 1100# and 3 bpm - 3 bpm - 1750#. Pumped 20-bbls of calcium chloride water, 3 bbls spacer, 6 bbls of flow check, 3 bbl spacer, mixed and pumped 150 sxs fo Econocem HLC lead cement, and 100 sxs class c tail cement with 3% salt and 5 lbm 100 mesh sand, at 2 bpm. Flushed with 32 -bbls of fresh water at 2bpm 1100#. Shut down to begin hesitation. 15 mins. - pumped 2-bbls at 1130#, shut down. 15-mins pumped 1-bbls fresh at 1010#, shut down. 15-mins pumped 1-bbl at 1026#, pressure fell to 737#. shut down. 15-mins pumped 1-bbls at 1400#, pressure fell to 58#, shut down. 15 mins pumped 1 -bbls and pressure came up to 2400#. shut down. Pressure fell to 1850#. Sting out of retainer and pulled up 15'. Reversed out to pit with 60 total bbls of fresh water to clean up tbg. RDMO H.E.S.. POH with 40 jts of 2 7/8" tbg and shut down for day. 9:30 p.m.; Est Daily Comp \$30,450

09-05-10 SDFWE; Est Daily Comp \$650

09-06-10 SDFH; Est Daily Comp \$650

Est Drlg \$893,053; Est Comp \$915,950; Est Tot \$1,809,003

09-07-10 AOL. 7:15 a.m.. POH with remaining tbg and layed down stinger. MIRU reverse unit. Pick up and RIH with 4 5/8" bit, 6 - 3 1/2" drill collars, 205 jts of 2 7/8" tbg and tagged cement at 6909'. NU power swivel. Drill out cement , cement retainer , cement down to 7020' and fell out. Circulated hole clean. RIH with 2 jts down to 7080' to check for stringers. .Layed down swivel. Pressured up on csg to 600#. Held ok for 15 mins. Bled off pressure. POH with 6 jts of 2 7/8" tbg to 6860'. Close well in and shut down. 8:00 p.m.; Est Daily Comp \$7750

Est Drlg \$893,053; Est Comp \$923,700; Est Tot \$1,816,753

09-08-10 AOL. 7:15 a.m. RIH and tagged RBP at 7100'. NU power swivel and circulated sand off of RBP. POH with tbg and layed down drill collars and bit. Pick up retrieving head and RIH with 216 jts of 2 7/8" tbg. Latched up on and released RBP. POH with 216 jts of 2 7/8" tbg and layed down RBP. Close well in and shut down for day. 5:30 p.m.; Est Daily Comp \$9750

Est Drlg \$893,053; Est Comp \$933,450; Est Tot \$1,826,503

09-09-10 AOL. 7:20 a.m. Bled off gas pressure. NU pump trk and pumped 30-bbls to kill gas. RIH with production tbg. 220 - 2 7/8" tbg, 2 7/8" sn, x-over, 2 3/8" Spirit BH gas separator, x-over, 2 7/8" sn, 5 1/2" rotation packer, 5 1/2" TAC, 2 7/8" super perf screen, 2 7/8' BPMA. SN set @ 7,246', TAC set @ 7291', bottom MA set at 7326'. ND BOP and set TAC. flang up wellhead. RIH with rods and pump. 1 1/2" x 24' polish rod, 1" rod subs, 91 - 1" steel rods, 85 - 7/8" steel rods, 110 - 3/4" steel rods, 4 - 1 1/2" weight bars, 2 1/2" x 1 1/2" x 24' pump. Close well in and shut down. 6:30 p.m.; Est Daily Comp \$8700

Est Drlg \$893,053; Est Comp \$942,150; Est Tot \$1,835,203

09-10-10 AOL. Hang well on and space out rods. Loaded tbg with 7-bbls. Weak pump action. Longstroked pump, weak pump action. Unseated and flushed by pump. Loaded tbg. Pumping ok. RDMO pulling unit. Left well down and notified production; Est Daily Comp \$2850

09-11-10 Pmpd 0 BO + 339 BW + 0 MCF

09-12-10 Pmpd 0 BO + 356 BW + 0 MCF
 BLW 30,757; BLWR 14,503 (47%); BLWTR 16,254

09-13-10 Pmpd 0 BO + 303 BW + 0 MCF
 BLW 30,757; BLWR 14,806 (48%); BLWTR 15,951

09-14-10 Pmpd 0 BO + 263 BW + 0 MCF
 BLW 30,757; BLWR 15,069 (49%); BLWTR 15,688

09-15-10 Pmpd 3 BO + 303 BW + 0 MCF
 BLW 30,757; BLWR 15,372 (50%); BLWTR 15,385

09-16-10 Pmpd 7 BO + 323 BW + 0 MCF
 BLW 30,757; BLWR 15,695 (51%); BLWTR 15,062

09-17-10 Pmpd 1 BO + 314 BW + TSTM gas

09-18-10 Pmpd 12 BO + 333 BW + TSTM gas
 BLW 30,757; BLWR 16,342 (53%); BLWTR 14,415

09-20-10 Pmpd 8 BO + 341 BW + TSTM gas to frac tnks
 BLW 30,757; BLWR 16,683 (54%); BLWTR 14,074

09-21-10 Pmpd 19 BO + 258 BW + 11 MCF to frac tnks
 BLW 30,757; BLWR 16,941 (55%); BLWTR 13,816

09-22-10 Pmpd 24 BO + 247 BW + 14 MCF to frac tnks
 BLW 30,757; BLWR 17,188 (56%); BLWTR 13,569

09-23-10 Pmpd 33 BO + 322 BW + 19 MCF

09-25-10 Pmpd 11 BO + 303 BW + 13 MCF

09-26-10 Pmpd 6 BO + 291 BW + 13 MCF
 BLW 30,757; BLWR 18,104 (59%); BLWTR 12,653

09-29-10 Pmpd 33 BO + 279 BW + 27 MCF
 BLW 30,757; BLWR 18,383 (60%); BLWTR 12,374

09-30-10 Pmpd 19 BO + 279 BW + 32 MCF
 BLW 30,757; BLWR 18,662 (61%); BLWTR 12,095

10-01-10 Pmpd 38 BO + 223 BW + 39 MCF
 BLW 30,757; BLWR 18,885 (61%); BLWTR 11,872

10-06-10 Pmpd 3 BO + 256 BW + 28 MCF
 BLW 30,757; BLWR 19,141 (62%); BLWTR 11,616

10-07-10 Pmpd 85 BO + 259 BW + 56 MCF
 BLW 30,757; BLWR 19,400 (63%); BLWTR 11,357

10-09-10 Pmpd 47 BO + 254 BW + 19 MCF

10-10-10 Pmpd 14 BO + 38 BW + 44 MCF; electrical trouble
 BLW 30,757; BLWR 19,692 (64%); BLWTR 11,065

10-11-10 Pmpd 11 BO + 38 BW + 27 MCF; electrical trouble
 BLW 30,757; BLWR 19,730 (64%); BLWTR 11,027

10-21-10 Pmpd 30 BO + 168 BW + 14 MCF; **dropped from report**
 BLW 30,757; BLWR 19,920 (65%); BLWTR 10,837