

**\*ANDREWS UNIVERSITY 17-1 (Spraberry-Trend)**

**Desta Drilling #4**

**Andrews Co., TX**

AFE# 90221

Description: New Drill

API: 42-003-41179

Prop Num: 03991-001

10/19/09

DAS 1; **PD 418'**; PO: MOVE RIG OFF OF UNIV 28 – 2. MOVE IN & RIG UP ON UNIV 17 – 1. DRILLING F/ 60' – 418', **SPUD IN @ 11:00 PM 10-18-09**. CIRCULATE, DROP TOTCO & TOH. MW 8.6; VIS 32 CWC \$130,858

10/20/09

DAS 2; **PD 922'**; PO: TOH, SAFETY MEETING, RIG UP & RUN 10 JTS 13 3/8" CASING. SAFETY MEETING & RIG UP HALLIBURTON. CEMENT W/ 440 SKS HALCEM "C" @ 14.8 PPG 1.33 YIELD + 2% CACL, JOB COMPLETE @ 09:58 10-19-09 CIRCULATED 122 SKS TO PIT, WOC. CUT OFF CASING, WELD ON & TEST HEAD 1000 PSI. NIPPLE UP BOP EQUIPMENT, TEST BLIND RAMS & MANIFOLD 750 PSI, CUT 120' DRILLING LINE. PICK UP BIT # 2 & TIH, TEST PIPE RAMS 750 PSI, DRILL CEMENT - TAG @ 375'. DRILLING F/ 418' – 922'. MW 8.6; VIS 32 CWC \$184,021

10/21/09

DAS 3; **PD 2602'**; PO: SURVEY @ 882'-.50 DEG, DRILLING F/ 992' – 1397', SURVEY @ 1357'-.50 DEG. DRILLING F/1397' – 1555', SERVICE RIG. DRILLING F/ 1555' – 1841', SURVEY @ 1801'-.33 DEG. DRILLING F/ 1841' – 2348', SURVEY @ 2308'-.48 DEG. DRILLING F/ 2348' - 2602'. MW 9.8; VIS 29 CWC \$208,789

10/22/09

DAS 4; **PD 3870'**; PO: DRLG F/ 2602' – 2824', WLS .75 DEG @ 2784', SERVICE RIG. DRLG F/ 2824' – 3331', WLS .69 DEG @ 3290'. DRLG F/ 3331' – 3870'. MW 10; VIS 29 CWC \$224,479

10/23/09

DAS 5; **PD 4789'**; PO: WLS .70 DEG @ 3830', DRLG F/ 3870' – 4314'. WLS .73 DEG @ 4274', SERVICE RIG. DRLG F/ 4314' – 4504', WLS .81 DEG @ 4463'. DRLG F/ 4504' – 4789'. MW 10.1; VIS 28 CWC \$238,195

10/24/09

DAS 6; **PD 4991'**; PO: DRLG F/ 4789' – 4824', RIG UP FLUID CALIPERS. DRLG F/ 4824' – 4853', RIG DOWN FLUID CALIPER. DRLG F/ 4853' – 4991', CIRCULATE & CONDITION MUD, DROP TOTCO & TOH. RU LAYDOWN MACHINE, LAYDOWN 8" DC'S, SHOCK SUB & BIT. RU CSG CREW, RUN 8 5/8" CSG. MW 10.4; VIS 54 CWC \$253,822

10/25/09

DAS 7; **PD 5352'**; PO: RUN 119 JTS 8 5/8" CSG TO 4991', RU HALLIBURTON AND CEMENT CSG W/ 1000 SX ECONOCEM 11.9 DENSITY 2.47 YIELD AND 300 SX 14.8 DENSITY, 1.33 YIELD, FULL RETURNS, PLUG BUMPED, FLOATS HELD, PLUG DOWN @ 12:20 PM, CIRC 400SX TO PIT. ND, SET SLIPS / 125 K / NU BOP, TEST BOP, PU BHA / TEST MOTOR / PU 6" DC'S. CHANGE OUT WASH PIPE ON SWIVEL, TIH. DRILL PLUG AND CEMENT, DRLG F/ 4991' – 5352'. MW 8.4; VIS 28 CWC \$396,610

10/26/09

DAS 8; **PD 7189'**; PO: DRLG F/ 5352' – 5637', WLS .75 @ 5569'. DRLG F/ 5637' – 5764', INSTALL ROTATING RUBBER. DRLG F/ 5764' – 5986', SERVICE RIG. DRLG F/ 5986' – 6176', WLS .39 @ 6107'. DRLG F/ 6176' – 6684', WLS .46 @ 6616'. DRLG F/ 6684' – 7189'. MW 8.5; VIS 28 CWC \$409,428

10/27/09

DAS 9; **PD 8980'**; PO: DRLG F/ 7189' – 7221', WLS .48 @ 7153'. DRLG F/ 7221' – 7506', SERVICE RIG. DRLG F/ 7506' – 7697', WLS .48 @ 7629'. DRLG F/ 7697' – 8143', WLS .54 @ 8075'. DRLG F/ 8143' – 8663', WLS .43 @ 8595'. DRLG F/ 8663' - 8980'. MW 8.5; VIS 28 CWC \$446,685

**ENTERED**  
**NOV 23 2009**  
**BY:** \_\_\_\_\_

003-41179

**Andrews University 17 #1** AFE: #90221/New Drlg/\$1,874,800  
CWEI GWI: 86%

- 11-04-09 RU PU; set hydra-walk & pipe racks; unload 351 jts 2-7/8" L-80 tbg; PU 4-5/8" bit, 6 - 3-1/2" DCs, 200 jts tbg; tgd @ 7368'; CWI SDFN; Est Daily Comp \$9068; Est Drlg \$721,439; Est Comp \$9068; Est Tot \$730,507
- 11-05-09 PU swivel; drld 120' cmt; tgd DV tool @ 7515'; drld DV tool; PU rest of tbg off rack; tgd btm @ 11,330'; LD 1 jt tbg; pickle well; RU Halliburton; pmpd 500 gal Zylene, 5 BW, 500 gals NEFE 15% HCL acid; circ clean w/300 BFW; spot 1000 gals 10% acetic acid @ 11,117'; CWI SDFN; Est Daily Comp \$17,018; Est Drlg \$721,439; Est Comp \$26,086; Est Tot \$747,525
- 11-06-09 Press tst well to 4500 PSI 10-05; pull & LD tbg, DCs & bit; removed BOP; clean loc; ready to RD PU; Est Daily Comp \$6518; Est Drlg \$721,439; Est Comp \$32,604; Est Tot \$754,043
- 11-09-09 RD PU; move tbg, racks & hydro walk off loc; Est Daily Comp \$1100; Est Drlg \$721,439; Est Comp \$33,704; Est Tot \$755,143
- 11-10-09 MIRU Halliburton wireline and pump trk. RIH with logging tools and tagged PBTD at 11,325'. Pressure up on csg to 1,000#. POH and ran Compensated spectral gamma ray, compensated neutron log, and cement bond log w/Gamma ray and CCL from PBTD at 11,325' to 3800'. Est. cement top at 4010'. POH and layed down logging tools. RDMO H.E.S. and trk; Est Daily Comp \$9700; Est Drlg \$721,439; Est Comp \$42,304; Est Tot \$763,743
- 11-11-09 SI; WO frac Monday, 11/16; Est Drlg \$721,439; Est Comp \$42,304; Est Tot \$763,743
- 11-12-09 AOL Nu 7 1/16" x 10k frac stack. RU HES Wireline. P/u perforating guns. TIH & perforate 11,120'-11,160'; 11,180'-11,186' w/ 2 jsfp. POOH RD HES Wireline. SIW  
Est Drlg \$721,439; Est Comp \$42,304; Est Tot \$763,743
- 11-16-09 MIRU Halliburton pumping service and wireline. Stage #1 Breakdown formation 3785# at 4 bpm, increased rate and pumped 15000 gals of 15% HCL acid, in 5000 gal stages with a 5000 gal gel stage in between. Dropped 1 ball for every 150 gals of acid. ( 100 total balls ). Overflushed with 2000 gals of treated water. Spot acid with flush. ISIP-3589#, max psi.-5332#, avg.psi.- 5035#, max rate - 46 bpm, avg rate-41 bpm, total load to recover-1015-bbls. ND frac and RU WL. Stage #2 RIH and set composite plug at 11050'. Pull up and perforated 10855'-10858' - 2 spf, 10928'-10931' - 2 spf, 10950'-10953' - 3 spf, and 10994'-11000' - 3 spf - 41 total holes. :POH and RD WL and NU frac. Breakdown formation 5408# - 4 bpm, increased rate, spearheaded 2000 gals of 15% HCL acid and pumped 1908-bbls of x-linked gel carrying 41,800# of 20/40 super LC sand, staged from 1/2# to 1 1/2#. Increase in BHP pressure forced early flush. Spotted acid with flush. ISIP-4721#, max psi.-6306#, acg psi.-5939#, max rate-42 bpm, avg rate-35 bpm, total load to recover-1908-bbls. ND frac and RU WL. Stage #3 RIH and set plug at 10350'. Pull up and perforated in 2 runs at 10286'-10288' - 1spf , 10245'-10250' - 1 spf, 10214'-10217' - 1 spf, 10098'-10108' - 3 spf, 10064'-10068' - 2 spf, 10031'-10036' - 2 spf - 60 total holes. POH and RD WL and NU frac. Breakdown formation at 4755# - 4 bpm, increased rate and pumped 20000 gals of 15% HCL acid in 5000 gal stages, with 5000 gal x-linked gel stages in between acid. Dropped 4 ball sealers in every 1000 gals of acid. Good ball action, with 6300# ball out in last acid stage. Surged balls off and completed overflush. Spotted acid with flush. ISIP-1781#, max psi.-6217#, avg psi.-5091#, max rate-62 bpm, avg rate-52 bpm. Total load to recover - 1196-bbls. ND frac and RU WL. Stage #4 RIH and set plug at 9900'. Tested plug to 2500#. Held ok. Pull up and perforated 9525'-9531' - 4 spf, 9646'-9649' - 1 spf, 9658'-9662' - 2 spf, 9736'-9739' - 2 spf - 41 total holes. POH and RD WL. NU frac. Breakdown formation at pumped 2009-bbls of x-linked gel carrying 69232# of 20/40 Ottawa sand and 13368# of 20/40 super LC sand, staged from 1/2# to 3#. Spotted acid with flush. ISIP-1680#, max psi.-4553#, avg psi.-4194#, max rate-84 bpm, avg rate-79 bpm, TLTR - 2009-bbls. ND frac and RU WL. Stage #5 RIH and set plug at 9400'. Pull up and perforated from 8969'-8974' - 3 spf, 9022'-9025' - 1 spf,

9074'-9077' - 4spf, and 9200'-9205' - 2spf, 40 total holes. POH and RD WL .  
Shut down for day.

Est Drlg \$721,439; Est Comp \$42,304; Est Tot \$763,743

11-17-09

Stage #5 cont.

Breakdown formation at 2375# at 4 bpm, increased rate and pumped 2140-bbls of x-linked gel carrying 64890# of 20/40 ottawa sand and 42410# of super LC sand, staged from 1# to 3#. Spotted acid with flush. ISIP-1036#, max psi. - 3754#, avg psi.- 3311#, max rate-80 bpm, avg rate-74 bpm, total load to recover-2140-bbls. ND frac and RU WL.

Stage #6

RIH and set plug at 8500'. Pull up and perforate 8130'-8133' - 2spf, 8160'-8165' - 4spf, 8192'-8195' - 2 spf, 8214'-8216' - 2 spf, and 8236'-8238' - 2spf - 40 total holes. POH and RD WL and NU Frac. Breakdown formation 4793# at 4 bpm, increased rate and pumped 2486-bbls of x-linked gel carrying 71,781# of 20/40 ottawa sand and 58,019# of super LC sand, staged from 1# to 3#. Spotted acid with flush. ISIP-869#, max psi.-2888#, avg psi.-2294#, max rate - 74 bpm, avg.rate-71 bpm. Total load to recover - 2846 - bbls. ND frac and RU WL.

Stage #7

RIH and set plug at 8116', pull up and perforated at 8000'-8003' - 3 spf, 8080'-8095' - 2spf - 39 total holes. POH and RD WL and NU frac. Breakdown formation at 1846# - 4 bpm, increased rate and pumped 2875-bbls of x-linked gel, carrying 106,386# of 20/40 ottawa and 35,914# of 20/40 super LC sand, staged from 1# to 4#. Spotted 2000 gals of 15% HCL acid with flush. ISIP-941#. Max psi.-3148#, avg. psi.- 2637#, max rate-78 bpm, avg rate - 75 bpm. Total load to recover - 2875-bbls. ND frac and RU WL.

Stage #8

RIH and set plug at 7990'. Tested plug to 2000#. Held ok. Pull up and perforate from 7967'-7976' - 2 spf, 7890'-7893' - 2 spf, and 7856' - 7861' - 3spf, 39 total holes. POH and RD WL and NU frac. Breakdown formation and pumped 4428-bbls of x-linked gel carrying 199,513# of 20/40 ottawa and 29,387# of super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP-989#, max psi.-3324#, avg. psi.-3001#, max rate-78 bpm, avg rate-76 bpm, total load to recover - 4428-bbls. ND frac and RU WL.

Stage #9

RIH and set plug at 7810', Pull up and perforate 7640'-7646' - 2spf, 7692'-7697' - 3spf, 7774'-7780' - 2 spf - 39 total holes. POH and RD WL, NU frac. Breakdown formation and pumped 4550-bbls of x-linked gel carrying 198,284# of 20/40 ottawa and 53,616# of 20/40 super LC sand, staged from 1# to 5#. Spotted acid with flush. ISIP-1105#, max psi.-3959#, avg psi.-3571#, Max rate-81 bpm, avg rate-80 bpm, total load to recover - 4550-bbls. ND frac and RU WL.

Stage #10

RIH and set plug at 7594'. Pull up and perforated 7356'-7358' - 2spf, 7370'-7372' - 2spf, 7384'-7394' - 2spf, 7474'-7476' - 1spf, 7518'-7523' - 1spf, 7566' - 7568' - 1spf, and 7580' - 7582' - 1 spf - 39 total holes. POH and RD WL and NU frac. Breakdown formation - 3400# at 4 bpm, increased rate and pumped 2955 - bbls of x-linked gel, carrying 118516# of 20/40 ottawa and 51084# of 20/40 Super LC sand, staged from 1# to 4#. Flushed to 6800' with 158-bbl of treated water. ISIP-1349, max psi.- 3990#, avg psi.-3496#, max rate - 78 bpm, avg rate-77 bpm, total load to recover - 2955 - bbls. ND frac and RU WL.

RIH and set cap plug at 6500'. POH and RD WL. Bleed off pressure. RDMO Halliburton pumping and wireline; Total load to recover all stages - 25,566-bbls; Total sand all stages. -1,153,010#; Est Daily Comp \$352,502; Est Drlg \$721,439; Est Comp \$397,206; Est Tot \$1,118,645

11-21-09

Moved rig; Rigged up PU; Set pipe racks and catwalk; Moved tbg on racks; Tallied tbg and drill collars; PU 4-5/8 bit and 6 3-1/2 drill collars, 1 jt 2-7/8 tbg; Closed well in; Shut down. Est Daily Comp \$3,100;

Est Drlg \$721,439; Est Comp \$400,306; Est Tot \$1,121,745  
11-23-09 Picked tbg up from rack; Tagged plug @ 7465'; Drilled plug; well flowing 5 bbls per min; Ran tbg; tagged @ 7572'; Plug @ 7590'; Well flowing 5-6 bbls per min; Ran tbg; Tagged @ 7702'; 112' of sand; Plug @ 7814'; Drilled plug; Tagged sand @ 7979'; Washed sand to plug @ 7790'; Pulled 10 stands; Closed well in; SD Est Daily Comp \$5,518;  
Est Drlg \$721,439; Est Comp \$405,824; Est Tot \$1,127,263  
11-24-09 Ran 10 stds 2-7/8" tbg; drld plug @ 7990'; ran tbg to 8046'; wshd sd to 8110'; drld plug; well flwg 5-6 BPM; tgd @ 8417'; wshd sd to plug @ 8505'; tgd @ 9386'; plug @ 9400'; well flwg 6-7 BPM; tgd @ 9970'; wshd sd & tgd plug @ 10,001'; pushing plug; tgd sd @ 10,343'; wshd sd to 10,353'; drld on plug; lot of press under plug; holding up tbg string; pmpd 100 Bbls brine; pulled 46 stds; CWI SD; Est Daily Comp \$10,618;  
11-25-09 AOL; ran 46 stds 2-7/8" tbg; tgd plug @ 10,353'; fin drlg plug; ran tbg; tgd plug @ 10,996'; wshd sd; plug @ 11,051'; drld plug; tgd btm @ 11,327'; circ 20 mins; pulled & LD 117 jts 2-7/8" tbg; std back 16 stds; CWI SD; Est Daily Comp \$9118; Est Drlg \$721,439; Est Comp \$425,560; Est Tot \$1,146,999  
11-30-09 AOL; start pmpg brine wtr to kill well; pmpd 300 Bbls brine; pulled 15 stds 2-7/8" tbg; well started flwg; circ 200 Bbls brine dwn tbg & out csg; pulled 30 stds 2-7/8" tbg; well flwg again; circ 200 Bbls brine dwn tbg; ran 30 stds back in hole; well started flwg again; lay FL to TT; inst chk on well; OW to TT; SDFN; Est Daily Comp \$5468;  
Est Drlg \$721,439; Est Comp \$431,028; Est Tot \$1,152,467  
12-01-09 AOL; well flwd overnight; flw 1000 BW; still flwg this am; too wet torun sub pmp; pmp 30 Bbls brine dwn tbg; inst float & tbg stripper; ran 15 stds 2-7/8" tbg; stopped above perfs; left well open to frac tnks; SDFN; Est Daily Comp \$4718; Est Drlg \$721,439; Est Comp \$431,028; Est Tot \$1,152,467  
12-02-09 Well flowed 290 bbls overnight to test tank; AOL. Pumped 240 bbls brine water to kill well. Pulled 112 stands 2-7/8 tbg. Lay down 6 3-1/2 drill collars and bit. Pulled BOP and flange. Install new flange and BOP. Ran 1 stand sand screen, sub pump(75') and 222 jts 2-7/8 tbg. Pulled BOP and installed well head. Land tbg, bottom of pump @ 7330'. Intake of pump @ 7399'. Closed well in. Shut down for night; Est Daily Comp \$6218;  
Est Drlg \$721,439; Est Comp \$441,964; Est Tot \$1,163,403  
12-03-09 AOL. Hooked up wellhead. Turn on sub pump (10:32 am). Rigged down pulling unit. Moved racks and catwalk; Est Daily Comp \$1900;  
Est Drlg \$721,439; Est Comp \$443,864; Est Tot \$1,165,403  
12-04-09 Pmpd 0 BO + 835 BW + 0 MCF  
12-05-09 Pmpd 0 BO + 627 BW + 0 MCF  
12-06-09 Pmpd 0 BO + 582 BW + 0 MCF  
BLW 25,566; BLWR 2044 (8%); BLWTR 23,522  
Est Drlg \$721,439; Est Comp \$443,864; Est Tot \$1,165,303  
12-07-09 Pmpd 0 BO + 637 BW + 0 MCF  
BLW 25,566; BLWR 2681 (10%); BLWTR 22,885  
Est Drlg \$721,439; Est Comp \$443,864; Est Tot \$1,165,303  
12-08-09 Pmpd 0 BO + 600 BW + 0 MCF  
BLW 25,566; BLWR 3281 (13%); BLWTR 22,285  
12-09-09 Pmpd 0 BO + 721 BW + 0 MCF w/sub pmp f/above perfs  
BLW 25,566; BLWR 4002 (16%); BLWTR 21,564  
12-10-09 Pmpd 0 BO + 769 BW + 0 MCF w/sub pmp f/above perfs  
12-11-09 Pmpd 0 BO + 797 BW + 0 MCF w/sub pmp f/above perfs  
12-12-09 Pmpd 0 BO + 768 BW + 0 MCF w/sub pmp f/above perfs  
12-13-09 Pmpd 0 BO + 698 BW + 0 MCF w/sub pmp f/above perfs  
BLW 25,566; BLWR 7034 (28%); BLWTR 18,532  
12-14-09 Pmpd 0 BO + 541 BW + 0 MCF w/sub pmp f/above perfs; intake press 1721  
BLW 25,566; BLWR 7575 (30%); BLWTR 17,991

12-15-09 Pmpd 9 BO + 576 BW + 0 MCF w/sub pmp f/above perfs; intake press 1377  
BLW 25,566; BLWR 8151 (32%); BLWTR 17,415

12-16-09 Pmpd 17 BO + 460 BW + 0 MCF w/sub pmp f/above perfs; intake press 1249  
BLW 25,566; BLWR 8611 (34%); BLWTR 16,955

12-17-09 Pmpd 18 BO + 501 BW + 0 MCF w/sub pmp f/above perfs; intake press 1249  
BLW 25,566; BLWR 9112 (36%); BLWTR 16,454

12-18-09 Pmpd 15 BO + 343 BW + 0 MCF w/sub pmp f/above perfs; intake press 1014

12-19-09 Pmpd 20 BO + 472 BW + 0 MCF w/sub pmp f/above perfs; intake press 918

12-20-09 Pmpd 18 BO + 450 BW + 0 MCF w/sub pmp f/above perfs; intake press 814  
BLW 25,566; BLWR 10,377 (41%); BLWTR 15,189

12-21-09 Pmpd 28 BO + 322 BW + 0 MCF w/sub pmp f/above perfs; intake press 729  
BLW 25,566; BLWR 10,699 (42%); BLWTR 14,867

12-22-09 Pmpd 30 BO + 549 BW + 0 MCF w/sub pmp f/above perfs; intake press 687

12-23-09 Pmpd 40 BO + 268 BW + 0 MCF w/sub pmp f/above perfs; intake press 679

12-24-09 Pmpd 7 BO + 336 BW + 0 MCF w/sub pmp f/above perfs; intake press 604

12-25-09 Pmpd 23 BO + 366 BW + 0 MCF w/sub pmp f/above perfs; intake press 545

12-26-09 Pmpd 28 BO + 384 BW + 0 MCF w/sub pmp f/above perfs; intake press 501

12-27-09 Pmpd 21 BO + 472 BW + 0 MCF w/sub pmp f/above perfs  
BLW 25,566; BLWR 13,074 (51%); BLWTR 12,492

12-28-09 Pmpd 15 BO + 219 BW + 0 MCF w/sub pmp f/above perfs; intake press 465  
BLW 25,566; BLWR 13,293 (52%); BLWTR 12,273

12-29-09 Pmpd 0 BO + 123 BW + 0 MCF w/sub pmp f/above perfs; intake press 430

12-30-09 Pmpd 48 BO + 449 BW + 0 MCF w/sub pmp f/above perfs; intake press 388

12-31-09 Pmpd 30 BO + 312 BW + 0 MCF w/sub pmp f/above perfs; intake press 340

01-01-10 Pmpd 36 BO + 347 BW + 0 MCF w/sub pmp f/above perfs; intake press 340

01-02-10 Pmpd 66 BO + 245 BW + 0 MCF w/sub pmp f/above perfs; intake press 340

01-03-10 Pmpd 44 BO + 260 BW + 0 MCF w/sub pmp f/above perfs; intake press 340  
BLW 25,566; BLWR 15,029 (59%); BLWTR 10,537

01-04-10 Pmpd 58 BO + 176 BW + 0 MCF w/sub pmp f/above perfs; intake press 340; RU  
to pull sub;  
BLW 25,566; BLWR 15,205 (59%); BLWTR 10,361

01-05-10 SHUT DOWN BKR CENTERLIFT SUB PUMP; DISCONNECT ELECT CABLE  
FROM PANEL BOX & WELL HEAD; MIRU KEY PU # 204; UNLOAD FORKLIFT  
& SPOT RIG MAT & PIPE RACKS; MOVE 126 JTS 2-7/8" 6.50# L-80 EU 8RD  
TUB FROM SIDE OF LOC TO PIPE RACKS; RU KILL TRUCK ON CSG &  
PUMP 25 BBLS PRODUCED WATER; SWAP OVER TO TUB & PUMP 20  
BBLS; ND WH & NU BOP & BKR CABLE SPOOLER; POOH W/ 200 JTS TUB  
REMOVING CABLE BANDS & SPOOLING UP CABLE; SECURE WELL; SDON;  
Est Daily Comp \$8280

01-06-10 BLEED GAS PSI OFF TO PIT; RU KILL TRUCK & PUMP 30 BBLS PRODUCED  
WATER DOWN CSG, SWAP OVER TO TUB & PUMP 20 BBLS; POOH W/ 22  
JTS 2-7/8" TUB & DISASSEMBLE BKR CENTERLIFT SUB PUMP & LOAD OUT  
ON TRUCK; SWAP OUT 2-7/8" PIPE RAMS IN BOP; PU & MU 2-7/8" DUMP  
VALVE, 3-1/2" X 2-7/8" MUD ANCHOR, 2-7/8" X 4' PERF SUB, 2-7/8" S/N & RIH  
W/ 118 JTS 2-7/8" 6.50# L-80 EU 8RD TUB; MU 5-1/2" X 2-7/8" TAC LOADED  
W/ 45,000# SHEAR PINS & RIH W/ 104 JTS TUB IN DERRICK PU 124 MORE  
JTS FROM PIPE RACK & TAG UP ON FILL @ 11,341' [ 35' ABOVE FLOAT  
COLLAR ]; POOH W/ 4 JTS & LAY DOWN ON PIPE RACK; SECURE WELL;  
SDON; HAVE 118 JTS TUB BELOW TAC, 224 JTS ABOVE TAC & 8 JTS ON  
RACK [ TOATL TUB ON LOC 350 JTS ]; WILL SET TAC @ 7336' W/ S/N @  
11,189' & BTM OF DV @ 11,226' [ 115' FROM BTM OF DV TO TOP OF FILL  
& 155' FROM BTM PERF TO TOP OF FILL ]; Est Daily Comp \$7393  
Est Drlg \$721,439; Est Comp \$459,537; Est Tot \$1,180,976

01-07-10 BLED GAS PSI OFF TO PIT; RU KILL TRUCK & PUMP 40 BBLS PRODUCED WATER DOWN CSG, SWAP TO TUB & PUMP 20 BBLS; ND BOP; SET 5-1/2" X 2-7/8" TAC @ 7336' W/ 16,000# TENSION; NU WELL HEAD; RELEASE KILL TRUCK; MIRU WADECO CHEM TRAILER & SALAZAR PUMP TRUCK ON TUB; PUMP 275 GALS OJ ACID SURFACTANT, 275 GALS SI-202 SCALE INHIBITOR, 275 GALS OJ ACID SURFACTANT & FLUSH W/ 120 BBLS 2% KCL WATER; SHUT WELL IN; CREW REMOVED THREAD PROTECTORS FROM RODS & MADE UP ROD BOXES & GOT RODS READY TO RUN; SDON; Est Daily Comp \$3248  
Est Drlg \$721,439; Est Comp \$462,785; Est Tot \$1,184,224

01-08-10 Key SD crew & kill trk due to bad weather conditions; Est Daily Comp \$55

01-09-10-10 SI; Est Daily Comp \$110;  
Est Drlg \$721,439; Est Comp \$462,950; Est Tot \$1,184,389

01-11-10 BLED GAS PSI OFF; PU 2-1/2" X 1-1/2" X 24' RXBC PUMP [HVR W/ WIPERS & 203" STROKE ]; LOAD PUMP W/ DIESEL & MU 1-1/4" X 16' GAS ANCHOR & RIH; PU 4 - 1-1/2" K-BARS & RIH PICKING UP 129 - 3/4" MMS STEEL RODS, 171 - 7/8" MMS STEEL RODS & 130 - 1" MMS STEEL RODS; SECURE WELL; SDON; Est Daily Comp \$39,820;  
Est Drlg \$721,439; Est Comp \$502,700; Est Tot \$1,224,209

01-12-10 BLEED GAS PSI OFF TO PIT; RU KILL TRUCK & PUMP 30 BBLS PRODUCED WATER DOWN CSG; RIH W/ 9 - 1" RODS & SEAT PUMP; SPACE OUT WELL W/ 1 - 1" X 8', 1 - 1" X 6', 2 - 1" X 4' PONY SUBS, 1-1/2" X 26' POLLISH ROD; LOAD TUB W/ 28 BBLS PRODUCED WATER & TEST TO 500# BLEED PSI OFF & LONG STROKE PUMP & PSI BACK UP TO 500#; BLED PSI OFF; HANG ON WELL; REPLUMB WELL HEAD; MOVE 9 JTS 2-7/8" TUB TO SIDE OF LOC; [ GA, 2-1/2" X 1-1/2" X 24' PUMP, SPIREL SUB, ON-OFF TOOL, 1" X 1' LIFT SUB, 4 - 1-1/2" K-BARS, 129 - 3/4" RODS, 171 - 7/8" RODS, 139 - 1" RODS, 1 - 8', 1 - 6', 2 - 4' PONY SUBS & PR ]; WIRED UP ELECT PANEL BOX; TURNED ON UNIT & IT IS WAY OUT OF BALANCE & HAS WEIRD SOUND COMING FROM BRAKE SHUT DOWN UNIT; WILL GET DSPUS TO COME & BLANCE UNIT & LOOK @ BREAK SYSTEM; SDON; Est Daily Comp \$3820;  
Est Drlg \$721,439; Est Comp \$506,520; Est Tot \$1,227,959

01-13-10 RDMO KEY PU # 204; LOAD UP RIG MAT; MIRU DSPUS & REBALANCE UNIT; WORK ON BREAK SYSTEM; PUT WELL ON PRODUCTION @ 11:00 AM; UNIT RAN 20 MIN & WENT DOWN; RESET OVERLOAD & TURN UNIT BACK ON & IT RAN 20 MIN & WENT DOWN CALLED OUT TESCO; ADJUSTED HEATER BOX & IT RAN 30 MIN; ADJUSTED HEATED BOX & IT RAN 40 MIN; ADJUSTED AGAIN & WELL IS RUNNING; Est Daily Comp \$1380;  
Est Drlg \$721,439; Est Comp \$507,900; Est Tot \$1,229,339

01-15-10 Pmpd 3 BO + 237 BW + 0 MCF

01-16-10 Pmpd 19 BO + 261 BW + 0 MCF

01-17-10 Pmpd 3 BO + 239 BW + 1 MCF  
BLW 25,566; BLWR 15,942 (62%); BLWTR 9624

01-18-10 Pmpd 66 BO + 28 BW + 0 MCF  
BLW 25,566; BLWR 15,970 (62%); BLWTR 9596

01-19-10 Pmpd 61 BO + 132 BW + 12 MCF  
BLW 25,566; BLWR 16,102 (63%); BLWTR 9464

01-20-10 Pmpd 33 BO + 211 BW + 33 MCF  
BLW 25,566; BLWR 16,313 (64%); BLWTR 9253

01-21-10 Pmpd 11 BO + 203 BW + 61 MCF  
BLW 25,566; BLWR 16,516 (65%); BLWTR 9050

01-22-10 Pmpd 52 BO + 185 BW + 100 MCF  
BLW 25,566; BLWR 16,701 (65%); BLWTR 8865

01-23-10 Pmpd 44 BO + 232 BW + 66 MCF

01-24-10 Pmpd 0 BO + 32 BW + 0 MCF; pmp trbl

01-25-10	Pmpd 0 BO + 81 BW + 0 MCF BLW 25,566; BLWR 17,046 (67%); BLWTR 8520
01-26-10	Pmpd 6 BO + 289 BW + 2 MCF BLW 25,566; BLWR 17,335 (68%); BLWTR 8231
01-27-10	Pmpd 58 BO + 135 BW + 1 MCF BLW 25,566; BLWR 17,470 (68%); BLWTR 8096
01-28-10	Pmpd 65 BO + 192 BW + 2 MCF; comp dwn; BO BLW 25,566; BLWR 17,662 (69%); BLWTR 7904
01-29-10	Pmpd 3 BO + 231 BW + 29 MCF BLW 25,566; BLWR 17,893 (70%); BLWTR 7673
01-30-10	Pmpd 8 BO + 101 BW + 59 MCF; dwn on overload
01-31-10	Pmpd 8 BO + 140 BW + 47 MCF; dwn on overload
02-01-10	Pmpd 0 BO + 137 BW + 0 MCF; dwn on overload; electrical trouble BLW 25,566; BLWR 18,271 (71%); BLWTR 7295
02-02-10	Pmpd 0 BO + 0 BW + 2 MCF; dwn on overload; electrical trouble BLW 25,566; BLWR 18,273 (71%); BLWTR 7293
02-03-10	Pmpd 8 BO + 146 BW + 9 MCF BLW 25,566; BLWR 18,417 (72%); BLWTR 7149
02-04-10	Pmpd 52BO + 255 BW + 31 MCF BLW 25,566; BLWR 18,672 (73%); BLWTR 6894