

AUG 26 2008

TRAIL MOUNTAIN, INC  
 CHRONOLOGICAL DRILLING REPORT  
 University Ranger C50 #2  
 Sec. 50, Block C, Survey UL  
 Hudspeth County, Texas

## TITE HOLE!!

Location: 600' FNL & 600' FWL of Section 50, Block C, Survey UL, Abstract A-U146, Hudspeth County, Texas.  
 API NO.: 42-229-30264. Elevation: 4722.58'. PTD: 7000' Silurian. Drilling Contractor: United Rig #40.

11-23-30-07 Building location with Eagle Mountain Gang.  
 12-1-3-07 Stand by.  
 12-4-5-07 Location complete. Stand by.  
 12-6-28-07 Stand by.  
 12-29-07 Stand by.  
 12-30-07 TD 732'. Made 672'. Finished rigging up air, water and hydraulic lines. Prep rig to spud. Performed safety inspection with Halliburton wellsite coordinator and rig supervisor. Picked up hammer with 14-3/4" Type H-41 Numa bit #1 and pressure test Weatherford air drilling system, all OK. Tagged bottom at 74'. Adjust air and hammer drill with slow rotary (35 RPM) from 74' to 316'. Spudded well at 1:30 PM 12-29-07. Wind changed direction and started blowing dust into air compressor engines. Stopped air drilling and welded 2" collar in blooie line beyond mud loggers sample catching trap. Run water in blooie line to decrease dust from cuttings. Continued to air/hammer drill to 545'. Drilled into a shale stringer at 535'. PR slowed to 20'/hr. Hammer operator recommended going to mist drilling. Start mist and regulate water before drilling. Air/mist drill to 710'. Change out shear relief valve on air compressor. Continued to air/mist drill to 732'.  
 12-31-07 Drilling 1461'. Made 729'. Air mist. Air/mist rotary drill to 743'. Both air compressor boosters went down. POOH to drill collars. Repaired boosters (change out valves). TIH to 500' and run totco slickline survey at 500' 1-1/2 deg. TIH to 705'. Start air/mist. Slack off to bottom and circulate hole clean. Air mist rotary drill to 1461'. 35 FPH AROP, 6000-8000# WOB, 3400 CFM AIR. Four compressors running with 2 boosters. 35 RPM rotary, 120 psi differential, 2 GPH of lubricating rock oil, misting with 18 BPH of water and 6 BPH of foamer, 2 GPH of corrosion inhibitor. Casing point will be at 1552'. DC \$46,621; CC \$272,819  
 1-1-08 TD 1542'. Cutting conductor pipe. Made 81'. Air/mist and rotary drill to 1500'. Run totco slickline survey at 1500' 0 deg. Air/mist drill to 1542'. Sweep hole clean with 10 bbls water but unable to establish returns. POOH and laid down hammer and 14-3/4" bit #1. Made up remanufactured insert bit #2. TIH to 1522', hole clean. Started mud pump. Unable to circulate. Rotate to bottom at 1542' without circulation. POOH and laid down bit #2. Rigged up casing handling tools to run casing. Hold safety meeting with casing and drill crew. Made up guide shoe, 1 joint and float collar. Run a total of 35 joints 11-3/4" 42# H-40 ST&C surface casing to 1509'. Hole tight but free on pick up. Made up circulating swage and hose to casing. Pump and attempt to work casing down. Picking up is free and unable to work down. Shoe at 1509'. Made up cement plug head and hard lines to casing. Held safety meeting with Halliburton cementers and drill crew.

Esent to *[signature]* 4/20/08 *[signature]*

*[signature]*

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- Test cement lines. Pumped 20 bbls fresh water spacer. Mixed and pumped 560 sacks of Halliburton Lite lead cement at 12.9 ppg, 1.87 yld, 9.87 GPS mix water with 2.7 ppg salt, 3 ppg Pheno seal. Mixed and pumped 215 sacks of Class "P" tail cement at 14.8 ppg, 1.34 yld, 6.36 GPS mix water with 1% CACL. 238 bbls of slurry at 100% excess. Displaced plug at 6 BPM with 178 bbls water. Bumped plug with 493 psi. Apply pressure to 750 psi. 250 psi over circulating rate. Released pressure to tank, 1 bbl return with float holding. At 20 bbls remaining to displace, full returns to surface with 10 bbls of good cement to surface. Rigged down Halliburton cement head. Drain conductor pipe - full. Cement did not fall. Center pipe in rotary table. Released cement pump truck. WOC. Disconnect flowline and rotating head. Prep BOPE for nipping up. Welded started cutting conductor pipe. DC \$76,014; CC \$348,833
- 1-2-08 TD 1542'. Nipple up BOP. Made 0'. Nipped up BOPE and test same. Welder installed SOWH too high. Had to nipple down and lower wellhead. Testing stack now to 250/1600 psi. Variance granted from TRCC. DC \$50,696; CC \$399,529
- 1-3-08 Drilling 1716'. Made 174'. Test pipe rams, blind rams, annular, casing to 250/1600 psi. Test choke manifold, choke line, kelly, upper kelly cock, safety valves, IBOP, standpipe back to mud pumps to 250/2500 psi. Repaired manual valve on BOP, one manual choke did not test. All other tests positive. Perform accumulator test. Laid down 8" drill collar. Made up 10-5/8" insert bit #2, bit sub, XO. Picked up 4 - 6-1/4" drill collars off pipe rack. RIH with 2 - 6-1/4" drill collar, 12 HWDP and 4-1/2" drill pipe to 1507'. Tagged cement and float collar. Picked up kelly and establish circulation. Regulate reserve pit pump to maintain mud pump flowrate. Drilled out float collar, 1 joint of 11-3/4" casing cement, shoe and rathole to 1542'. Drilled 10-58" hole to 1547', 5' of new hole for FIT. Attempted to perform FIT test to 11.5 ppg EMW. Pump slowly with test pump checking for any pressure increase. Stop at 2 bbls pumped away with 0 psi increase. Unable to perform FIT. Displaced water from well with air compressors. Hole dry. POOH and laid down excess drill pipe. Made up 1-3/4" air bit, hammer, 6 - 6-1/4" drill collars, 6 HWDP, 6-1/4" drilling jar, 9 HWDP and TIH to 1532'. Blow hole dry and wash to bottom at 1547'. Air drill 10.75" hole with hammer bit #3 from 1547-1716' (169'). DC 497,527; CC \$497,056
- 1-4-08 Drilling 2860'. Made 1144'. Air/mist rotary drill to 2269'. Consistent water flow prevents dry drilling as planned. Adding MF-55 and Ezy-mud to mist fluid. Circulated hole clean and run totco slickline survey at 2229' .5 deg. Air/mist drill to 2770', 66.8'/hr. Circulated hole clean and run totco slickline survey 2730' .75 deg. Air/mist drill to 2860'. Run 3 compressors, 2 booster, 2950 CFM, 420 psi on bottom. Inject 2 GPH of corrosion inhibitor, 2 GPH rock oil, 15 BPH fresh water, 3 GPH foamer, 5 - 6000# WOB, 40 RPM rotary. DC \$39,093; CC \$536,149
- 1-5-08 Drilling 3563'. Made 703'. Air/mist rotary drilled to 3127', 44.5/hr. Circulated hole clean with soap sweep to reduce pressure increase due to cutting volume. Air/mist drilled to 3274', 34.4'/hr. Ran Totco slickline survey 1\* at 3207'. Air/mist drilled to 3375'. One booster went down. Suspend drilling and

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circulated hole clean while pondering status of failed booster. Decided to continue drilling without backup booster, bug circulated 5-10 minutes before each connection to avoid excessive cutting buildup. Air/mist drilled to 3563', 22'/hr. Some time is lost due to increase in circulation time, however, formation hardness has increased also. Hard sandstone stringers, limestone and chert and hard stringers of shale are reducing penetration rate. DC \$62,256; CC \$598,405

1-6-08 Drilling 3843'. Air/mist hammer and rotary drill 10-3/4" hole to 3718', 34.4'/hr. Circulated hole clean and ran totco slickline survey ¼\* at 3678'. Air/mist hammer drill to 3843', 35.7'/hr. Replacement booster arrived on location at 15:00 hours. Circulated hole clean prior to short trip to change out booster. Rack kelly and start to pull stand #1. Tight 15' off bottom. Picked up kelly and air/mist 4 jts out with kelly. Rack kelly and pulled one stand with 25,000/35,000# drag. Picked up kelly and air/mist out 4 joints. Pipe stuck at 3482'. Work free. Start mud pump to fill hole, no returns. Aerate mud with good returns and pump out 19 jts with kelly. Circulated bottoms up after each joint out. Hole unloading on each joints, continued to circulate until clean water. At 2898' pipe free of drag. Rack kelly and POOH laying down hammer bottom hole assembly. Will pick up insert roller cone bit and rotary drilling BHA to convert to aerated mud. Water influx has wet the long shale section starting at 3843'. We have gone as far as possible with air/mist hammer drilling. Time to regroup. DC \$44,777; CC \$643,182

1-7-08 TD 3843'. Made 0'. Laid down air bit #3, hammer drilling jar (filed), (6) 6-1/4" DC, XO. Removed off catwalk for next BHA. Moved BHA #4 to pipe rack. Made up IADC 517, insert, tri-cone, bit #4, shock sub, 8" DC, 10-5/8" spiral stabilizer, 8" DC, 10-5/8" spiral stab, 8" DC, XO, (6) 7" DC, XO, (3) 6-1/4" DC, (6) HWDP, drilling jar, (9) HWDP. Installed rotating head. TIH with 4-1/2" DP to 1500'. Installed float sub for air drilling. Rigged up backup reserve pit pump to supply drill water to mud tanks. TIH to 1592'. Tag up on tight spot. Laid down 2 jts of DP. Picked up kelly. Reamed out tight spot from 1592' to 1597'. Washed and reamed 2 jts DP to 1655'. Set back kelly and attempted to TIH. Tagged tight spot at 1781'. Picked up kelly and washed and reamed from 1781' to 2636', 107'/hr. Aerate fluid while reaming. Repaired hydromatic brake on drawworks. Circulated while repair. Continued wash/ream from 2636-2900'. DC \$45,122; CC \$688,304

1-8-08 Drilling 4097'. Made 254'. MW 8.4, Vis 28, pH 97, WL 100, PV 1, YP 1. Wash and ream air mist hole section with 10-5/8" tri-cone bit #4 from 2900-3843' using aerated fluid. From 3708-3843' had to re-ream connection several times to eliminate drag. Pipe corkscrewing while slacking off. Hole appears to be clean behind us. Aerate/rotary drill from 3843-4097'. Ream each connection. Have 25-35,000# WOB, 80/100 RPM, 400 psi. 4178' next survey. DC \$46,774; CC \$735,078

1-9-08 TD 4347'. TIH. Made 250'. MW 8.4, Vis 28, pH 8.0, Cl 12,000, WL 100, PV 1, YP 1, Calcium 300. Aerate/rotary drill to 4212'. Slickline survey 4175' 3 deg. Drilled to 42465'. Survey 4209' 3.25 deg. Weld 45 deg elbow on end of flowline to keep aerated fluid inside pits. Welded broken standpipe clamps for safety. Drill with light weight and high rotary in an attempt to drop

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 angle. Drill to 4338'. Survey 4301' 4 deg. Drilled to 4347'. Discussed deviation with engineer. Decided to lay down stabilizers. Circulated hole clean. POH with bit #4. Laid down 2 - 10-5/8" stabs. Made up bit and RIH with slick assembly. Deviation control package somewhere in transit. DC \$35,003; CC \$770,081

1-10-08 TD 4423'. Made up bit. Made 76'. MW 8.4, Vis 28, pH 8.5, Cl 5500, WL 100, PV 1, YP 1, Cl 350. TIH to 4000'. Tagged bridge. Picked up kelly and ream 9 joints of drill pipe to bottom at 4347'. Easy reaming. Aerate/rotary drill to 4423'. Drilled to slick BHA and light weight to avoid building angle. Directional BHA arrive on location. Circulated hole clean with aerated fluid. POOH slowly though open hole. Stop bit at shoe and spot LCM pill. Finished POOH. Laid down bit #2 RR1, shock sub and 2 - 8" drill collars. Made up security PDC bit #5. Picked up Sperry-Sun directional BHA at report time. DC \$66,096; CC \$836,177

1-11-08 Drilling 4824'. Made 401'. MW 8.4, Vis 28, pH 8, Cl 5000, WL 100, PV 1, YP 1, Calcium 350. Finished picking up Sperry directional tools. Scribe, orientate, surface test MWD tool and motor. Had 1.5 deg bent housing on motor. TIH with bit #5, BHA and drill pipe to 11-3/4" casing shoe. Changed out leaking rotating head rubber. Run pumps and check integrity of MWD tool. All OK. Continued in hole to 4093'. Attempted to aerate fluid compressor pressure too high at 1800 psi. Call Weatherford and Sperry Energy. They said the parameters should work according to calculations. Reduced pump rate to allow air compressor to start injecting into standpipe. Aerate fluid to surface and adjust mud pump output and compressor to 1250 psi. Will try to maintain around 1250 psi on compressor with 356 GPM pump output. Hole cleaning is priority. Finished TIH to bottom at 4423'. Hole clean. Drilled with PDC bit #5, 1.5 deg bent housing, .17 RPG motor. Take MWD surveys. Take first survey 4370' 3.43 deg. Regulate air and establish full returns and set drilling parameters. Motor drill from 4423' to 4466'. MWD survey 4402' 3.58 deg. Drilled to 4574'. MWD survey 4496' 3.49 deg. Motor drill to 4824', 31.25'/hr. DC \$37,794; CC \$873,971

1-12-08 TD 5096'. Made 274'. MW 8.4, Vis 28, pH 8.3, Cl 5000, WL 100, PV 1, YP 1, Calcium 350. Take MWD survey at 4750', 4.46 deg, 72.78 azi. Bit walked 1 deg over 300'. Slide from 4813-4819'. Lost full returns. Reduced pump rate to allow air compressor to enter standpipe. Established full returns. Motor drill 10-5/8" hole with PDC bit #5 from 4819' to 4844'. Slide from 4844-4859' (15'). Motor drill from 4859-4939', 17.8'/hr AROP. Changed out air line union. Connection and survey 4876', 4.79 inc, 75.66 azi. Aerate well after survey. Slide from 4939-4971' (32'). Motor drill from 4971-5066' (95') 14.6 FPH AROP. Connection and survey 5033', 4.89 inc, 76.71 azi. Motor drill from 5066-5098' (32'), 64'/hr AROP. Connection and survey at 5034'. Trying to get a tool face at report time. DC \$113,619; CC \$987,590

1-13-08 TD 5160'. Survey. Made 30'. MW 8.4, vis 29, pH 8.5, Cl 4800, WL 100, PV 1, YP 1, Calcium 340. Attempt to get MWD survey at 5068' - failed. Motor/rotary 10-5/8" with PDC bit #5 from 5132-5149' with full returns without air. Returned slowed. Aerate fluid. Motor/rotary drill from 5149-5162'. Kelly down. Attempt to MWD survey at 5150'. Failed to survey. Run rig. Totco slickline survey at 5125' 5.5 deg.

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Circulated hole prior to POOH. POOH and laid down bit #5. 1 joint of drill pipe too many. Pipe tally - 44 stands and a single. Pulled 44 stands and a double. Will correct depth when drilling commences to 5162'. Changed out MWD tool. Made up insert bit #6. Changed bend in motor housing from 1.5 deg to 1.83 deg. Surface test directional tools. TIH with BHA and drill pep to casing shoe and test MWD tool, OK. Continued in hole to 4020'. Tight spot. Picked up kelly and reamed 3 joints from 4020-4101'. TIH to 5004' - tight spot. Reamed 5 joints to bottom at 5162' (depth correction). Attempt to survey with MWD too at 5061' - failed. Trouble shoot and call engineer for solution. Suggested to POOH to last good survey and try again. Pulled 3 stands to 4778'. Attempted to survey at 4778' - failed. Prep to POOH. DC \$122,896; CC \$1,110,486

1-14-08 TD 5160'. TIH. Made 0'. MW 8.4, Vis 28, pH 8.5, Cl 5000, WL 100, PV 1, YP 1, Calcium 350. POH with bit #6. Unable to get a MWD survey. Laid down bit, motor, hang off sub, Monel drill collar. TIH with HWDP and 4-1/2" drill pipe to 11-3/4" casing shoe for safety. POOH at 20:00 hours in anticipation of tools arriving on time. Wait for Weatherford EM survey tool and personnel. Tool arrived at 22:00 hours and personnel at 23:00 hours. Rigged up Weatherford EM equipment. Made up bit #6 RR1. Picked up directional BHA and surface test same. TIH to 11-3/4" casing shoe and fill pipe. Continuing to TIH at report time. DC \$46,309; CC \$1,156,795

1-15-08 TD 5372'. Made 210'. MW 8.4, Vis 28, pH 8.4, Cl 5000, WL 100, PV 1, YP 1, Calcium 350. Continued TIH (SLM) to 4721'. Tagged tight spot. Laid down 2 joints. Picked up kelly. Reamed 2 joints of drill pipe to 4784'. RIH with 1 stands, tight on 2<sup>nd</sup> joint. Picked up kelly. Reamed down. Reamed 9 more joints to TD at 5162'. Take survey at 5077' 5.33 in, 76.46 az. Aerate fluid and slide from 5162-5177'. Rotate from 5177-5208'. Slide from 5208-5218'. Rotate from 5218-5240'. Slide from 5240-5255'. Rotate from 5255-5289'. Rotate from 5289-5319'. Slide from 5319-5334'. Rotate from 5334-5362'. Slide from 5362-5372' at report time. BGG 9, Max 14, CG 12. Continually pump high vis sweep while drilling. DC \$50,885; CC \$1,207,680

1-16-08 Drilling 5730'. Made 358' in 24 hours, 14.9'/hr. MW 8.4, Vis 28, pH 8.5, Cl 5000, WL 100, PV 1, YP 1, Gels 1/1, Calcium 340. WOB 18, RPM 45/50, SPM 90, PP 506#. Motor aerate drill/slide with insert bit #6 RR1 from 5372' to 5427'. Slide from 5427-5477'. Rotate drill from 5447-5477'. Slide from 5477-5497'. Rotate drill from 5497-5635'. Slide from 5635-5655'. Rotate drill from 5635-5730'. BGG 12, Max 23, CG 14. DC \$54,104; CC \$1,261,784

1-17-08 TD 5791'. Work tight hole. Made 61'. MW 8.4, Vis 28, pH 8.4, Cl 4800, WL 100, Gels 1/1, Calcium 340. Motor aerate drill/slide with insert bit #6 RR1 from 5730-5791'. Rotate drill from 5730-5735'. Slide from 5735-5755'. Rotate drill from 5755-5791'. ROP decreased to 5'/hr. BGG 12 units, Max gas 21 units, CG 14 units. Circulated and condition hole to POOH with bit. Pumped 3 x 20 bbls viscous (55) sweeps and circulate bottoms up. POH from bit. Laid down 20 stands excess pipe from derrick. Had tight hole at 2665' and 2602'. Made up kelly and ream from 2665-2635 and 2602-2570'. Continue POOH 3901'. Laid down 60 joints total for derrick. Continue POOH for bit to 897'. Remove rotating head. POOH with BHA to 220'. Suspend

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operations for problem with Pason depth tracker. Pason install brackett for sensor at crown.. Finished POOH with bit. Break out same. Pason install depth tracker sensor and cable at crown. Change out motor. Made up bit #7. RIH with BHA to 897'. Installed rotating head. Continued RIH with bit #7 to tight hole at 3261'. Ream tight hole from 3261-3355'. Pumped at 400 GPM. Continued RIH to tight hole from 3954-4117'. Pump at 400 GPM. Aerate with 1000 SCFM. Continue RIH with bit #7 to tight hole at 4371'. Work tight hole at 4371'. Work pipe up to 60K over string weight to work tool joint to rotary table. DC \$70,393; CC \$1,332,177

1-18-08

Drilling 6065'. Made 274'. MW 8.4, Vis 28, pH 8.4, Cl 5000, WL 100, PV 1, YP 1, Calcium 350. Reamed hole from 3594-5668' breaking out stands from derrick, 350 GPM and aerate with 1000/1500 SCFM. Tight hole at 5668'. Work tight hole up to 5590', laying down 3 joints. Circulated at 300 GPM and aerate with 1500 SCFN until full aerated returns. Continued reaming from 5590-5971', 300 GPM and areate with 1500 SCFM. Motor aerate drill/slide with insert bit #7 from 5791-5840'. Rotate drill from 5791-5810'. Slide from 5810-5830'. Rotate drill from 5830-5840'. Tighten 2" connection on stand pipe. Reset relief valve on #2 pump. Motor aerate drill/slide with insert bit #7 from 5840-6004'. Rotate drill from 5830-5875'. Slide from 5875-5895'. Rotate drill from 5895-6004'. Laid down 1 joint drill pipe, connection TJ leaking. Motor aerate drill/slide with insert bit #7 from 6004-6065'. Rotate drill from 6004-6065', 350 GPM and aerate with 2850 SCFM. DC \$53,182; CC \$1,381,759

1-19-08

TD 6115'. Lay down tools. Made 50'. MW 8.7, vis 36, pH 8.3, Cl 7500, WL 3.3, FC 1/32, PV 4, YP 1, Gels 8/4. Motor aerate drill/slide with insert bit #7 from 6065-6115'. Rotate drill from 6065-6115', 350 GPM and aerate with 2850 SCFM. Circulate and condition mud for wiper trip/logs. POOH for wiper trip to 5155'. Observe 10-40K hole drag. Hole tight at 5155'. Made up kelly and back ream from 5192-5132', 396 GPM. Continued POOH to 4933'. Observe tight hole, 50K hole drag. Picked up kelly and back ream 1 joint to 4902'. Observe tight hole at 4902', 347 GPM. Change out rotating head rubber. Had observed leak while circulating and conditioning mud. Work tight hole at 4902'. Ream to 4939'. Back ream to 8471' with 352 GPM and aerate with 1800 TP, 2800 SCFM. Circulated bottoms up. Break kelly and attempt to POOH from 4902'. Observe hole drag 40K. Made up kelly and back ream joint by joint to 4744' with 330 GPM and aerate with 2000 SCFM. Break kelly. POOH to 4744' to casing shoe without problems and minimal hole drag 5K. Continued POOH to 897'. Removed rotating head. POOH with BHA. Break bit and lay down Sperry motor and Weatherford EM tools. DC \$95,699; CC \$1,482,358

1-20-08

TD 6115'. Ream. Made 0'. MW 8.6, Vis 35, pH 8.3, Cl 6600, WL 2.4, FC 1, PV 4, Gels 1/1. Made up bit #7RR1. Insert roller reamers and BHA 845'. Continue RIH with Bit #7RR1. Tagged tight hole at 2878'. Installed rotating head. Made up kelly. Reamed from 2860-2928', 220 GPM. Attempt to RIH with stands. Observe tight hole. Continue reaming from 2928-3205', 1630. 280 GPM and aerate with 2400/1800 SCFM. RIH with 2 stands from 3205-3362'. Tight hole at 3362'. Work 2 singles out to 3300'. Break out stands from derrick. Made up kelly. Ream from 3300-3623', 350 GPM, 100 RPM. Aerate with 1800 SCFM. Break out stands from derrick. Made

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up kelly. Reamed from 3623-3990', 350 GPM, 100 RPM.  
 Aerate with 1800 SCFM. Break out stands from derrick.  
 Made up kelly. Ream from 3990-4376', 350 GPM, 100 RPM.  
 Aerate with 1800 SCFM. Break out stands from derrick.  
 Made up kelly. Ream from 4376-4660', 350 GPM, 100 RPM.  
 Aerate with 1800 SCFM. Break out stands from derrick.  
 Made up kelly. Reamed from 4660-4851', 350 GPM, 100  
 RPM. Aerate with 1800 SCFM. DC \$48,363; CC \$1,530,721  
 1-21-08 TD 6115'. Work pipe. Made 0'. MW 8.6, Vis 33, pH  
 8.3, Cl 6500, WL 2, FC 1, PV 3, YP 1, Gels 1/1. Made  
 up kelly. Ream from 4660-4756', 350 GPM, 100 RPM.  
 Aerate with 1800 SCFM. Break out sands from derrick.  
 Made up kelly. Tight hole at 4756'. Work 2 joints out  
 of hole. Re-ream from 4695-4756'. Ream from 4756-  
 5040', 350 GPM, 100 RPM. Aerate with 1800 SCFM. Break  
 out stands from derrick. Made up kelly. Tight hole at  
 5040'. Work 1 joint out of hole. Re-ream from 5010-  
 5040'. Ream from 5040-5318', 350 GPM, 100 RPM. Aerate  
 with 1800/2200 SCFM. Circulate hole prior to breaking  
 out stands. Break out stands from derrick. Made up  
 kelly. Reamed from 5318-5611', 350 GPM, 100 RPM.  
 Aerate with 1800 SCFM. Circulated hole prior to  
 breaking out stands. Break out stands from derrick.  
 Made up kelly. Tight hole at 5574'. Re-ream from  
 5574-5611'. Ream from 5611-5642', 350 GPM, 100 RPM.  
 Aerate with 2130 SCFM. Observe tight hole after  
 connection at 5620'. Work pipe up hole from 5620-  
 5603'. Jarring with 50K over string weight. DC  
 \$31,608; CC \$1,562,329  
 1-22-08 TD 6115'. POOH with tools. Made 0'. MW 8.6, Vis 33,  
 pH 8.1, Cl 6500, WL 4.3, FC 1, PV 1, YP 1, Gels 1/1.  
 Work stuck pipe at 5603'. Working jars without  
 success. Max over pull 100K overstring weight to 240K.  
 Order out freepoint and back off service. Wait on  
 same. Held pre-job safety meeting with rig and  
 Weatherford wireline personnel. Rigged up Weatherford  
 wireline. RIH and run freepoint. Established  
 freepoint at 5493' (1 - 7" DC, roller reamer, 1 - 8"  
 drill collar, roller reamer, 1 - 8" drill collar, bit  
 sub, bit below freepoint). POOH with freepoint tool.  
 RIH with string shot. Made 2 runs. Attempted to  
 finish back off mechanically and backed off at 4182'  
 (18 joints drill pipe and BHA in hole). Screw back  
 onto fish and finish POOH with tools. Prep string s  
 hot #2 with sufficient primer cord to sever 7" collar  
 and RIH to 5493'. Pulled 40K over string weight and  
 activate string shot without results. Work pipe to  
 attempt to finish pulling free at 5493' without  
 results. POOH with tools. DC \$51,092; CC \$1,613,421  
 1-23-08 TD 6115'. Circulating. Made 0'. MW 8.6, Vis 34, PH  
 8.5, Cl 5700, WL 4.3, FC 1, PV 4, Gels 1/1. POOH with  
 CCL and string shot. String shot failed. Prep string  
 shot. RIH. Pulled 40K over string weight. Activate  
 string shot at 5493' with no results. POOH with tools.  
 RIH with freepoint tool to confirm freepoint previously  
 established. POOH for tool failure. Changed out  
 freepoint tool. RIH and run freepoint to confirm  
 earlier freepoint run. Established 10% free and 10%  
 rotational movement at 5493'. POOH and run string shot  
 for backoff at 5493'. String shot failed. POOH.  
 Redressed string shot. RIH and attempt to back off at  
 5493' without success. Made up string shot and  
 attempted backoff at 5254' (30% free at this depth)  
 without success. Made up string shot and RIH. Attempt  
 backoff at 5100' (100% free at this depth). String  
 shot misfired. POOH with string shot/CCL. Prep

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severing string shot and RIH. Attempt backoff at 5100'. String shot misfired. POOH. Trouble shoot problem with tool. Rope socket shorted. Re-head rope socket. RIH with Severing string shot. Activate string shot to sever connection at 5100'. No loss of string weight. POOH with tools. Pull tension on pipe while wait for caps for string shot. Observe loss of 5K string shot. Work stuck pipe with 60K overpull and 60K set down. Work 1 single out of hole. Made up kelly. Work pipe with kelly at slip area. Establish circulation with pressure. No rate. Observe initial high torque until annulus cleaning up. Establish and maintain initial circulation rate 130 GPM and aerate with 1800/1500 SCFM. DC \$30,673; CC \$1,644,094

1-24-08 TD 6115'. Reaming. Made 0'. MW 8.6, Vis 34, pH 8.2, Cl 5700, WL 4.3, FC 1, PV 4, Gels 1/1. Circulate to clean hole prior to POOH with pipe recovery, 350 GPM and aerate with 2000 SCFM/50/30 rotary RPM. POOH with pipe recovery. Observe 2/5K# hole drag. Max 10K# from 5192-4023' and 1/3K# from 4023' to casing shoe. Recovered partial BHA, 9 HWDP, drilling jars, 6 HWDP. Left in hole: 3 - 6-1/4" drill collar, XO, 6 - 7" drillcollars, XO, roller reamer, 1 - 8" drill collar, roller reamer, 1 - 8" drill collar, bit sub and bit. Total left in hole 349.44'. TOF at 5254'. Slip entire length of drilling with new line. Made up bit #8RR1 and BHA. RIH with bit #8RR1. Tagged tight hole at 2765'. Laid down 3 joints (9 joints) out of derrick. Installed rotating head. Made up kelly. Pumped at 375 GPM and attempt to establish circulation. Pumped 2750' hole volume without returns. Reaming at 2765-2771', 350 GPM and aerate with 1500 SCFM. Observe high torque and 4/8K# set down weight. Made up connection and unable to get kelly bushings in table. Break out 1 joint and re-ream from 2765-2771'. Ream from 2771-2862'. Break out 1 joint and re-ream from 2854-2862'. DC \$80,065; CC \$1,724,159

1-25-08 TD 6115'. Reaming. Made 0'. MW 8.6, Vis 34, pH 8.3, Cl 6000, WL 6, FC 1, PV 4, Gels 1/1. Reamed from 2862-3142', 286 GPM, 80/90 rotary, 1500 SCFM. Circulated hole to lay down 9 joints and RIH with 3 stands from derrick. POOH. Laid down 9 joints. RIH with 3 stands. Established mud/air circulation. Reamed from 3142-3430', 286/310 GPM. Aerate with 1500/2680 SCFM. Circulated hole to lay down 12 joints and RIH with 4 stands from derrick. POOH and laid down 12 joints. RIH with 4 stands. Continued and RIH with 3+ stands and tag tight hole at 3683'. Established mud/air circulation. Reamed from 3683-4055', 310 GPM. Aerate with 2150/1850 SCFM. DC \$32,461; CC \$1,756,620

1-26-08 TD 6115'. Ream. Made 0'. MW 8.6, Vis 37, pH 8.5, Cl 18,900, WL 3.4, FC 1, PV 4, YP 10, Gels 2/5. Reamed from 4055-4094', 310 GPM. Aerate with 1850 SCFM. Circulate hole prior to POOH and laying down 12 stands. POOH and laid down 12 joints. RIH with 4 stands. Tagged tight hole at 4036'. Changed out rotating head rubber. Established mud/air circulation. Reamed from 4036-4469', 310 GPM. Aerate with 1800 SCFM. Circulated hole prior to POOH and laying down 12 joints. POOH and laid down 12 joints. RIH with 4 stands. Established mud/air circulation. Reamed from 4469-4746', 310 GPM. Aerate with 1800 SCFM. Work tight hole at 4746' to 4756'. Observe high torque with 2/6K set down weight. Bearing assembly on rotating head leaking. Circulated hole prior to POOH and laying down 12 joints. Change out rotating head assembly.

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POOH and laid down 12 joints. Changed out rotating head. RIH with 4 stands. Established mud/air circulation. Ream/work tight hole at 4746', 350 GPM. Aerate with 1800 SCFM. DC \$43,750; cC \$1,800,370 TD 6115'. TIH. Made 0'. MW 8.6, Vis 37, pH 8.5, Cl 17,200, WL 4.1, FC 1, PV 3, YP 9, Gels 2/5. Established mud/air circulation. Reamed and worked tight hole. Reamed hole at 4746-4757'. Observe high rotary torque with 3/8K# set down weight. Unable to ream hole open to reduce torque and set down weight, 350 GPM. Aerate with 1800 SCFM. Circulated hole to POOH for bit. Shut down air and circulated with mud at 350 GPM to circulate out air in annulus and check for circulation without air. Pump and circulate 515 bbls (theoretical hole volume 530 bbls). Observed partial returns. Pumped a total of 588 bbls. POOH with bit. Pulled 5 stands and pulled rotating head. Fill calc displacement 2X. NO fluid level at surface. Continued POOH with bit to surface fill hole with calc displacement. Fill hole to surface. Observe level drop approx 25'/0.25 hour, 12 bbls/hr. Rig service. Made up bit #9 and BHA. RIH to 4619' with no problems. Made up kelly. Fill drill pipe and establish circulating without air, 350 BPM and 730 psi. Observe partial returns. Washed and reamed from 4619-4654', tight at 4654-4663'. Observe high rotary torque with 2/8K# WOB. Made connection and unable to get bushings in table. Break out joint and re-ream tight hole at 4654-4663'. Continued reaming from 4663-4686', 380 GPM and 825 psi. Partial returns at approx 75%. Observe high rotary torque with 3/5K WOB and increase in pump pressure due to packing off. Shut down pump and work string free with 15K overpull. POOH for bit. Fill hole with calc displacement volume. Wait on bit. Made up 9-7/8" bit and RIH to 4720'. Tagged tight hole. DC \$44,558; cC \$1,844,928

1-28-08

TD 6115'. Work up to 5200'. Made 0'. MW 8.6, Vis 36, pH 8.5, Cl 18,500, WL 3.4, FC 1, PV 7, YP 11, Gels 3/6. Made up kelly. Break circulation with 365 GPM. Observe approx 75% returns. Ream from 4720-4743'. Reamed from 4743-4757'. Observe high rotary torque 2/5K# WOB. Begin aerate with 1000 SCFM. Increase pump to 440 GPM. Made connection. Unable to get kelly bushings in rotary. Laid down 1 joint and re-ream from 4743-4757'. Made connection on 3<sup>rd</sup> attempt. Continued reaming from 4757-4789', 440 GPM, 1000 SCFM with 2/4 WOB, 90/100 RPM. Made connection. Unable to get bushings in table. Re-ream from 4757-4789', tight hole at 4775-4789'. Had to work thru several times. Continued reaming from 4789' to top of fish at 5254'. 440 GPM, 100 SCFM, 2/3K# WOB, 100/105 RPM. Circulated hole to POOH for cement plug, 440 GPM, 1000 SCFM. Shut off air. Circulated out air in annulus. Break kelly and POOH. Tight at 5230'. Made up kelly. POOH with pump. Observe hole packing off. Worked up to 5200'. NOTE: Called and informed Texas RRC of planned cement plug. Spoke with Andria at 18:30 hours 1-27-08. DC \$74,769; CC \$1,919,697

1-29-08

TD 6115'. RIH. Made 0'. MW 8.7, Vis 39, pH 8.1, Cl 12,000, WL 9.4, FC 1, PV 6, YP 9, Gels 11/15. Attempt to break circulation at 5200'. Observe packing. Worked pipe out of hole with kelly pulling up to 20K# overpull. Pulled out of tight hole at 5016'. Continued to POOH to surface without problems. Rig service. Picked up and made up 15 joints of 2-7/8" tubing as tailstring. RIH with 2-7/8" tubing and 4-

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- 1/2" drill pipe. Tagged tight hole at 4900'. Worked down with 8K# max to 4921'. Picked up and observed 20K# overpull at 4895'. Picked up to 4859'. Re-position drill collar stands on rig floor. Picked up kelly and installed rotating head. Attempted to break circulation. Pressured up to 1700 psi. work pipe up to 4827'. String free. Bleed off pressure. Re-pressure up to 1300 psi. Work pipe - no drag. String plugged. POOH with plugged string. Laid down 15 joints of 2-7/8" cementing tail string. 6' ported diverter tube and approx 10' of lower end of 1<sup>st</sup> joint plugged with formation cuttings. Made up bit #11RR1 9-7/8" and RIH to 911'. DC \$47,606; CC \$1,967,303
- 1-30-08 TD 6115'. Ream. Made 0'. MW 8.7, Vis 39, pH 7.5, Cl 14,200, WL 8.6, FC 1, PV 9, YP 7, Gels 15/18. RIH with bit #11RR1. Tagged at 4730'. Installed rotating head. Reamed from 4720-5169', 530/510 GPM, 2/5 WOB, 90/100 RPM. Having to re-ream from 4740-4790'. High rotary torque and packing off. DC \$38,511; CC \$2,005,814
- 1-31-08 TD 6115'. Made 0'. MW 8.9, Vis 43, pH 7.6, Cl 18,000, WL 8.8, FC 1, PV/YP 6/13, gesl 18/21. Reamed from 5169' to TOF at 5254', 510 GPM, 90/95 RPM. Circulated conditioned hole. Pump hi-visc sweeps to clean hole. Rig service. Note: When initiating pumps after rig service, observed pressure higher with a lower GPM and steady pressure increase, lower GPM and continued to observe steady pressure increase. Conditioned to circulation pump hi-visc sweeps to clean hole. Increased mud weight from 8.8 to 8.9 PPG. Picked up to 5227'. Shut down pumps for 5 minutes. Simulate POOH and observed drag. Work pipe to max 30L over pull to check conditioned of hole. Hole tight. Made up kelly, work pipe with 510 BPM, minimal drag. Circulated and conditioned hole. Pump hi-visc sweep. Wiper trip. POOH with singles to 4997' using pumps at +/-500 BPM. Pull out with minimal drag and wait on packing off. Set back kelly and pull stands. Tight hole from 4890' to 4815'. Use rotary to work out. Continued POOH to 4500' without problems. RIH with bit and tag tight hole at 4730'. Attempted to work past without results. Made up kelly and reamed from 4730-4914'. DC \$28,880; CC \$2,034,694
- 2-1-08 TD 6115'. Washed to 4983'. Made 0. MW 8.9, Vis 43, pH 7.6, Cl 18,000, WL 8.8, FC 1, PV 6, YP 13, Gels 18/21. Reamed from 4914-5117'. Shut down mud pumps. Level in mud tanks low due to centrifugal pumps pulling from reserve losing suction. Prime pumps. Reamed from 5117' to top of fish at 5254', 510 GPM, 100 RPM Raise MW to 9.0 ppg. Circulated hole to POOH for cement plug. POOH to 4656' with kelly and pumps. Made up kelly. Pumped and displaced 80 bbls hi-vis pill to spot from 4656-3926'. Continued to POOH open ended with tooth guide to 4631'. Install flow nipple on rotating head. RIH with 4-12/" drill pipe open ended to 4718'. Break circulation with 160 GPM, OK. Continued RIH with 4-1/2" drill pipe open ended with tooth guide. Tagged at 4753' with 5K#. Made up kelly. Lower down and washed from 4753-4983'. DC \$41,305; CC \$2,075,999
- 2-2-08 TD 6115'. MW 8.9, Vis 38, pH 6.5, Cl 18,000, WL 8.6, FC 1, PV/YP 7/15. Washed from 4983' to TOF at 5254', 570 GPM. Circulated hole bottoms up for wiper trip prior to cement plug. POOH for wiper trip. Observe drag 20k lbs pulling out of slips at 5228'. Work pipe down and made up kelly. Attempted to work pipe out with pump. Observed packing off, work pipe up to 30k

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over string, weight. Observe pipe plugged. Worked out of hole with kelly laying down singles to 5135' with 10/20k lbs over pull. Observe pipe flow and unplugged. Initiate pump and established circulation, pull out to 5104'. Circulated hole bottoms up to continue wiper trip. POOH for wiper trip to 4638'. Observed drag max to 15k lbs. RIH and tag bridge at 4757'. Work through and tag tight hole at 4775-84'. Unable to work past. Made up kelly, observed pipe plugged. POOH for plugged string. Unplug DP, bottom 8' DP plugged with formation cuttings. Rig service, changed oil in floor motor. Made up 2-7/8" mule shoe, 15 jts 2-7/8" tubing, XO's. RIH with 2-7/8" tail pipe to 4732' without problems. Made up kelly. Attempted to brake circulation. Tubing plugged. Connect hole for cement clean plug, 570 GPM. Held pre-job safety meeting with cement an rig personnel. Break out kelly. Rigged up cementing lines and test to 2000#. Pumped 12 bbls water spacer ahead. Mix and pump 380 sacks (64.3 bbls) Class "H" + 3% KCL + 0.5% CFR-3 at 17.5 PPG. Displaced with 2 bbls water and 54 bbls mud. Break cement lines. POOH slow to 3785'. Made up kelly. Circulated hole to clean out DP, 560 GPM. POOH with 4-1/2" DP and 2-7/8" tail string. Laid down 2-7/8" tail string. Made up bit #21 and BHA. RIH to 190'. DC \$133,027; CC \$2,209,026

2-3-08 TD 6115'. MW 9, Vis 28, pH 6.6, Cl 17,800, WL 9, FC 1, PV/YP 7/14. RIH with bit #12. Tag at 4072'. Made up kelly. Break circulation. Set down at 4072 with 8k lbs. no rotation. Reamed/washed from 4072-4455'. Began washing with no set down weight. Check for and observe no traces of cement contamination. Repaired hydraulic leak on floor motor hydraulic system. Continued washing to 4534'. Circulated bottoms up sample, no trace of cement contamination or cuttings. Continued washing to 4710', no trace of cement contamination or cuttings. Bit taking weight at 4710', 10/12k lbs. Continued washing reaming to 4725', 10/12k lbs WOB. Circulated bottoms up. observed trace to 5% cement. Laid down 60 jts drill pipe and trip out to surface with clean out assembly. Rigged up casing equipment and held safety meeting. Ran 8-5/8" casing. Called and informed Texas RRC of planned 8-5/8" casing and cement job. Spoke with Amber, operator 14, 2/2/08 at 9:30 PM. DC \$143,722; CC \$2,386,482

2-4-08 TD 6115'. MW 9, Vis 42, pH 7.3, Cl 18,300, WL 8.8, FC 1, PV/YP 6/15. Ran 8-5/8" casing, fill pipe every 10 jts to 4717'. circulated 8-5/8" casing and rigged down casing crew. Rigged up Halliburton cementing and pump cement. Test Halliburton cement lines to 2000#. Pumped 20 bbls of water spacer. Pump lead mixing 500 sks of interfill Class "C" with 1 LBM phenol seal, 11.5 PPG, 2.79 yield. 61.63 gallons per sack. Pump tail cement mixing 170 sacks with .4% Halad (R)-9 at 14.8 PPG, 1.33 yield, 6.31 gallons per sack. Displaced cement with 284.6 b of drilling mud. Bumped plug took it over 500# differential pressure. Nippled down BOP's to install casing slips and "B" section. Cut casing and installed "B" section. Test "B" section seals. Nippled up BOP's. Test BOP's 250# low, pipe rams blind rams and choke manifold tested to 3000#. Annular tested to 2000#. Finished nippling up, installed flowline and drilling nipple. Picked up bottom hole assembly. Motor adjusted to 1.5\*. Tripped in the well bore with side track assembly. DC \$87,281; CC \$2,473,763

2-5-08 TD 6115'. Circulated well. Made 0'. MW 8.9, Vis 42,

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pH 7.3, Cl 18,000, WL 8.8, FC 1, PV 7, YP 13, Gels 22/29. RIH with bit #13 to 4608'. Fill pipe and break circulation. Washed down and tagged firm cement at 4668'. Circulated bottoms up for casing test. Tested casing to 2000 psi, OK. Drilled float equipment and cement. Washed down from 4717-4727' to perform FIT test. Perform FTI to 10.5 equivalent MW, 396 psi. Washed and reamed from 4727-5214'. Tight hole at depth of 4753' pintail and 5190-5214'. Circulated wellbore and weight up system from 8.9+ to 9.5. DC \$52,009; CC \$2,545,034

2-6-08

TD 6115'. TIH with tubing and drill pipe. Made 0'. MW 9.5, Vis 43, pH 8.2, Cl 17,500, WL 8.7, FC 1, PV 7, YP 18, Gels 24/24. Circulated wellbore and weight up system from 8.9+ to 9.5. Shut down pumps for 5 mins to simulate setting kelly back and POOH. Picked up 1 joint and check drag, no drag. Trip out of wellbore with directional drilling assembly and lay down MWD. Picked up 15 joints of 2-7/8" tubing to plug wellbore back. Trip back the cementing string to the depth of 4850'. Encountered numerous bridges. Washing down with cement string starting at 4850' to 5117'. Circulated at the depth of 5117' at the pump rate of 420 GPM - full returns. Rigged up Halliburton to pump cement plug. Could not achieve circulation. Pressured string up to 5000 psi, no results. Trip out of the wellbore with plugged and wet string. Cleaned out mule shoe pup joint and laid down 1 joint of 2-7/8" tubing - plugged with shale. Cleaned rig floor. Trip in the wellbore with 14 joints of tubing and drill pipe. DC \$48,524; CC \$2,593,558

2-7-08

Drilling 4963' MD; 4960' TVD. Made 40'. MW 9.5, Vis 44, pH 9.7, Cl 18,400, WL 8.3, FC 1, PV 7, YP 17, Gels 22/30. Washed down 13 joints of 4-1/2" drill pipe from 4787-5200'. No problems washing. Circulated bottoms up at 425 GPM, 9.5 ppg in and out. Rack kelly. Rigged up Halliburton cement liner to 4-1/2" drill pipe. Pumped 10 bbls fresh water spacer. Mixed and pumped 400 sacks Premium Class "H" cement (68 bbls) with 5% CFR-3 without defoamer, 3% Potassium Chloride, 3.53 gal/sx fresh water, .93 ft3/sx yld at 17.5 ppg density pump cement plug at 5 BPM. Displaced cement with 56.5 bbls (3 bbls short) of 9.5 ppg WBM. Cement plug in place at 10:40 hours. Rigged down cement liner and pull 10 stands of drill pipe at 4255' (8-5/8" casing shoe at 4717'). Circulated 2 bottoms up at 425 GPM. No cement to surface. POOH laying down 27 joints of excess drill pipe. Finished POOH with drill pipe to 2-7/8" 6.5 ppg tubing cement stinger pipe and laid down same (14 joints, muleshoe, 2 XO). Made up tri-cone insert bit #14 with 3 - 18 nozzles, 7/8" LOBE, 1.5 deg, .34 RPG motor, MWD and BHA (866.45' BHA length). TIH with 4-1/2" drill pipe (SLM). Laid down 12 joints (excess) to 4358'. Started with 38 stands of drill pipe. SLM 1.5' longer than pipe tally. Est TOC at 4476'. Picked up kelly. Fill pipe and establish circulation at 4358'. Washed down to find TOC. Circulated samples - 50% cement. Washed and reamed from 4725-4960' - intermittent bridges with 5-50% cement. Circulated samples - 100% cement. Time drill from 4960-4963'. GPM 400/samples are 50/50 cement and shale. DC \$93,123; CC \$2,681,796

2-8-08

Drilling 5020' MD; 5016' TVD. Made 57'. MW 9.5, Vis 45, pH 10.4, Cl 18,000, WL 7.8, FC 1, PV 7, YP 17, Gels 15/24. Motor time drill with 2-7/8" insert bit #14. Attempting to kick off cement plug from 4963-4981'.

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- Formation samples from 4963-4981' - cement 10%, shale 90%. Time drill 7-7/8" hole from 4981-4933'. Flow rate 335 GPM, WOB 1-2K, gravity toolface used 180. Formation 75% shale, 25% cement. Drilled 7-7/8" hole from 4993-5023'. Flow rate 335 GPM, ROP 7.5'/hr. WOB 10-25K. formation 90% shale/limestone and 10% cement. DC \$17,367; CC \$2,753,162
- 2-9-08 TD 5244' MD; 5185' TVD. Made 224'. MW 9.5, Vis 44, pH 10.3, Cl 17,700, WL 9.6, FC 1, PV 8, YP 11, Gels 13/15. Motor drill rotate 7-7/8" hole with tricone insert bit #14 from 5023-5085'. WOB 30-35K, GPM 330-340, RPM 40, ROP 9.53'/hr. Slide from 5085-5100'. WOB 30-35K, GPM 330-340, RP 30'/hr. Motor drill rotate from 5100-5176'. WOB 30-35K, GPM 330-340, Rotary RPM 40. ROP 11.25'/hr. MWD survey and connection. Motor slide from 5176-5211'. WOB 30-35K, GPM 330-340, ROP 30'/hr. MWD survey and connection 5160', inc 1.19, az 52.16. Rotate from 5211-5242'. WOB 30-35K, GPM 330-340, Rotary RPM 40, ROP 11.25'/hr. MWD survey and connection 590', 1.13 inc, 317.54 azimuth. Circulate well bore for trip and pump 11.2 ppg slug for trip. TOOH for wellbore for slow speed motor and PDC bit from 5244-4992'. Pulled 50K over string on tight spots. DC \$49,465; CC \$2,802,627
- 2-10-08 Drilling 5355' MD; 5349' TVD lime and shale. Made 111'. MW 9.7, Vis 43, pH 9.8, Cl 17,500, WL 9, FC 1, PV 10, YP 14, Gels 21/24, Calcium 800. Finished POOH with bit #14. Laid down bit #14. Changed out motor to 6-1/4" Motor. Made up PDC bit #15. Picked up 1/4" undergauge stabilizers and place on top of motor. Change out battery in MWD tool. Survey check motor, OK. Tih with BHA to 6-1/4" drill collars. 4" x 1/2" piece of drill collar slip die broke and fell in hole. Decided to lay down PDC bit. POOH with BHA and laid down PDC bit. Made up tricone bit #15. Dressed with 3 x 20 nozzles. Surface test motor. TIH at moderate speed to avoid hole surge at 4945'. Tagged tight spot. Picked up and slack off thru it to 4991'. Tagged again. Picked up kelly. Fill pipe and established circulation. Washed and reamed from 4945-5028' without any difficulty. Did not tag anything. Rack kelly. Continued TIH to 5074'. Tagged another tight spot. Picked up kelly. Washed and reamed td TD at 5244'. Excess torque from 5207' to TD. Reamed each joint 2 times but did not have any problems reaming to bottom. Fan bottom and drill with 1-2K WOB in an attempt to deal with piece of metal. Drill from 5244-5250'. Motor drill from 5250-5355'. WOB 30-35K, RPM 60-64, GPM 310, Motor RPM 52. ROP 10.99'/hr. DC \$44,895; CC \$2,847,522
- 2-11-08 Drilling 5623' MD; 5617' TVD limestone. Made 268'. MW 9.9, Vis 43, pH 9.7, Cl 17,700, WL 10, FC 1, PV 10, YP 14, Gels 20/24, Calcium 680. Drill to 5375'. WOB 35-40K, RPM 60-65, GPM 310. Repair and replace main hydraulic pressure line from pump to controls. Drill to 5439'. WOB 30-35K, RPM 60-65, GPM 310, Motor RPM 52, ROP 16'/hr. Service rig. Drilled to 5499'. WOB 35-38K, RPM 60-65, GPM 310, motor RPM 52, ROP 12'/hr. Slide to 5513'. WOB 35-38K, RPM 0, GPM 310, motor RPM 52, ROP 10'/hr. Motor drill to 5621'. WOB 30-35K, RPM 60-65, GPM 310, motor RPM 52, ROP 10'/hr. DC \$42,903; CC \$2,890,425
- 2-12-08 TD 5798' MD; 7593' TVD. Made 175'. MW 9.9, Vis 44, pH 9.3, Cl 17,800, WL 8.8, FC 1, PV 11, YP 14, Gels 22/26, Calcium 560. Motor drill 7-7/8" hole with tri-cone bit #15 from 5621-5688'. Circulated bottoms at 5688'.

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- Slug pipe and short trip to 4900'. Hole clean on TOH. Tight place on trip in at 5587'. Laid down 2 joints and ream to bottom. Hole clean. Motor drill to 5798'. ROP reduced to 8'/hr. Circulated bottoms up at 5798' for bit change and pumped 12 ppg slug. TOOH with BHA, no tight hole. Handle BHA. Motor checked out good. Installed new security PDC bit and replaced MWD batteries. DC \$64,750; CC \$2,955,175
- 2-13-08 Drilling 6034'. Made 236'. TIH and washed to bottom. Drilled to 5917' (mud losses). Circulate and pump LCM sweeps. Build mud volume. Drilled to 6034'. Run MWD survey. \*DETAILED REPORT TO FOLLOW. INTERNET PROBLEMS.
- 2-14-08 Drilling 6116' MD; 6112' TVD lime, shale and trace chert. Made 94'. MW 9.9, Vis 44, pH 8.3, Cl 14,100, WL 10.6, FC 1, PV 10, YP 10, Calcium 480. Continued to motor drill from 6022-6140'. Mud losses are static. PDC bit unable to drill at an acceptable penetration rate thru these formations. Circulated bottoms and slup pipe. POOH to change out bit. Bit and motor were plugged with LCM. Laid down and pick up fresh motor. Installed new tri-cone bit. Changed out BHA. Bit and motor plugged with LCM. Laid down and picked up new motor adjusted to 1.5 deg. Installed new tri-cone bit. Trip in wellbore with BHA #19 to a depth of 6016'. Tagged bridge. Wash and ream from 6016-6109' - no resistance. Motor drill slide from 6109-6116'. WOB 30-32K, RPM 0, GPM 288, Motor RPM 46, ROP 12'. DC \$40,213; CC \$3,040,123
- 2-15-08 Drilling 6330' TVD; 6325' MD. Made 214'. MW 9.8, Vis 40, pH 6.7, Cl 16,000, WL 14, FC 1, PV 6, YP 20, Gels 18/32, Calcium 1500. Motor drill slide from 6116-6124'. Motor drill from 6124-6221' limestone, shale and trace chert. WOB 30-32K, RPM 60, GPM 305, Motor RPM 52, ROP 10.7'/hr. Rig service. Motor drill 6221-6315' limestone, shale and trace chert. WOB 30-32K, RPM 60, GPM 305, Motor RPM 52, ROP 8.2'/hr. Inc 1.69, az 34.76. Motor drill from 6315-6330' limestone, shale and trace chert. WOB 40-45K, RPM 0, GPM 305, Motor RPM 52, ROP 8.2'/hr. DC \$65,295; CC \$3,105,418
- 2-16-08 Drilling 6515' MD; 6510' TVD limestone, shale and trace chert. Made 185'. MW 9.2, Vis 39, pH 8.2, Cl 11,000, WL 12, FC 1, PV 7, YP8, Gels 17/26, Calcium 1700. Drilled with tri-cone bit #3 from 6330-6359'. WOB 30-32K, RPM 60, GPM 305, motor RPM 52, ROP 8.2'/hr. Survey 1.69 deg, 34.76 azi. Lost returns at 6359'. Picked up and rotate. Cut MW in mud tanks to 9.2 ppg. Build volume. Mixed and spotted in string LCM (15 ppg). Estimated returns and circulated well to 9.2 ppg MW. Drill to 6493'. WOB 30-32K, RPM 60, GPM 286, motor RPM 49, ROP 9'/hr. Stable mud returns. Pumped 15 ppb LCM sweeps every 2 hours. Circulated samples 6493' - 100% shale. Drilled to 6515'. WOB 30-32K, RPM 60, GPM 286, motor RPM 49, ROP 14.9. Stable mud returns. Pumped 15 ppb LCM sweeps every 2 hours. DC \$70,125; CC \$3,175,543
- 2-17-08 TD 6539' MD; 6534' TVD. TIH. Made 24'. MW 9.1, Vis 41, pH 8.4, Cl 14,000, WL 8, FC 1, PV 6, YP 20, Gels 22/31, Calcium 700. Motor drill with tri-cone bit #17 from 6515-6525'. WOB 30-32K, RPM 60, GPM 286, Motor RPM 49, ROP 18.6'. Stable mud returns. Pumped 7 ppb LCM sweeps every 2 hours. Circulated samples 6525'. Motor drill from 6525-6535'. Circulated and conditioned mud for logs and casing. Slug pipe. Short trip bit to 8-5/8" casing shoe at 4717'. Hole clean, no drag. TIH clean. Circulated bottoms up and slug

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\*\*\*\*\*TITE HOLE!!!\*\*\*\*\*Hudspeth Co., TX\*\*\*\*

- pipe. POOH 5 stands. Open hole loggers called and said there is a delay. Trip back in hole to 6535'. Continued to circulate and condition mud for logs. POOH. Laid down MWD tools, motor and bit #17. Waiting on Halliburton wireline unit. Rigged up wireline unit. Run in well bore with Induction log to 4950' to find the medium and deep curves are reversed. Tool failed. POOH to 4717'. Logging tool hanging up at casing shoe. Bumped shoe 6 times before tool bounced thru casing shoe. Pulled out to surface with tools. Run #2 made up backup induction tool. Run in the wellbore to the MD wireline depth of 6532' - no problems. DC \$48,119; CC \$3,223,662
- 2-18-08 TD 6535' MD; 6530' TVD. Lay down tool. Made 0'. MW .1, Vis 42, pH 8.7, Cl 1700, WL 8.6, FC 1, PV 7, YP 19, Gels 24/32, Calcuim 600. Logged wellbore with Induction tool and trip tools out of wellbore. Laid down Induction tools and picked up Neutron Density tools. RIH and run porosity log. Excess drag while logging. POOH and rig down e-line and sheaves. Made up bit #17 RR, BHA and TIH to 8-5/8" casing shoe. Picked up kelly. Break circulation. Continued in hole to 6535'. NO fill on bottom. Hole clean. Pumped 2 hi-vis sweeps and circulate and condition mud at 6535'. 3000+ units of gas on bottoms up. 9.1 ppg mud weight. Slug pipe. POOH to finish running logs. Hold safety meeting and rigged up wireline unit. Run in the wellbore with Sonic Imaging tool to the depth of 4790'. Tool would not go any further. Retrieve logging tools and install hole finder and flex joint. RIH with Sonic Imaging logging tool to 6529' without incident. Achieved logs with out incident. Laid down Sonic tools and picked up sidewall core tools. DC \$30,834; CC \$3,254,496
- 2-19-08 TD 6535' MD; 6530' TVD. Washing to bottom. Made 0'. MW 9.1, Vis 41, pH 8.7, Cl 17,00, WL 8.7, FC 2, PV 6, YP 20, Gels 24/33. Run in wellbore with sidewall coring tools. Retrieved core samples. POOH. Laid down core tool and recovered core. Made 2 core runs. Rigged down open hole logging equipment. Rigged up cased hole equipment. Made up and run CBL to 4680' - 100% bond from 4644-3978'. 3206' TOC. POOH. Rigged down logging equipment. Made up bit #17RR, BHA and TIH with drill pipe to 8-5/8" casing shoe. Circulate bottoms up to check for migrating gas. Bottoms up gas 8690 units leveling off to 3200 units. TIH from 4717-6535', no resistance. Washed to bottom, 3' of fill. Circulated and pumped hi vis sweeps. DC \$31,506; CC \$3,286,002
- 2-20-08 TD 6535' MD; 6530' TVD. Nipple down BOPs. Made 0'. MW 9.1, Vis 41, pH 8.7, Cl 17,000, WL 8.7, FC 2, PV 6, YP 20, Gels 24/33. Laid down 4.5" drill pipe and BHA. Rigged up casing crew and run 5.5" casing. Fill pipe every 20 joints. Run casing to 6511'. Washed to bottom from 6511-6535' without incident, 3' of fill. Circulated 220 GPM. Rigged up Halliburton and hold safety meeting to cement 5.5" casing. Pumped 20 bbls fresh water sapcer. Mixed and pump 426 sacks Premium Basin Super "H" (1.62 ft3/sx, 7.9 gals/sx wtr = 13.2 ppg). Displaced well with 150 bbls water with KCl 5%. Bumped plug 1480 psi. Rigged down Halliburton. Nippled down BOPs to install casing slips and tubing tree. DC \$55,067; CC \$3,341,069
- 2-21-08 TD 6535'. Rig down rotary tools. Made 0'. MW 9.1, Vis 41, pH 8.7, Cl 17,000, WL 8.7, FC 2, PV 6, YP 20, Gesl 24/33. Nippled down BOPs and install tubing

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\*\*\*\*\*TITE HOLE!!!\*\*\*\*\*Hudspeth Co., TX\*\*\*\*

hanger. Pressure test tubing head to 2000 psi.  
Finished cleaning mud tanks. \*Rig released at 4:00 PM  
2-20-08. Rigged down rotary tools. DC \$44,342; CC  
\$3,385,410

2-22-08 Waiting on daylight. Rig down. Lower derrick and  
moving out pumps, pipe tubes and mesc equipment to the  
Outlaw location. 50% moved. Waiting on daylight. DC  
\$224,168; CC \$3,609,579

2-23-29-08 Waiting on completion unit.

3-1-7-08 Waiting on completion unit.

3-8-08 Rec'd rental equipment for completion operations. Key  
Well Services rig #313 arrived on location at 18:00  
hours. Wait on daylight. DC \$22,638; cC \$22,638

3-9-08 Wait on daylight. Held safety meeting with rig crew.  
Rigged up Key Well Services #313. Nippled up 7-1/16"  
5M BOP and test to 250/3000 psi. Loaded pipe racks nad  
tally 2-7/8" tubing. Made up 4-3/4" bit ands craper.  
RIH with 2-7/" tubing, tagged at 6471'. Rigged up  
power swivel. Reverse ciculate/wash from 6471-6474'  
with 5% KCL water at 123 GPM. Hydraulic connection on  
low pressure side of power swivel broke. Attempted to  
fix - did not have spare connection. Rigged down power  
swivel. Tested 5-12/" casing to 3000 psi for 15 mins,  
OK. Wait on daylight. DC \$9520; CC \$32,158

3-10-08 No report.

3-11-08 Wait on daylights. Held safety meeting. Rigged up  
wireline. Rigged up wireline lubricator and test same  
to 1000 psi. Established radio silence to load and  
connect casing gun. Wait on directional ops (sliding)  
on University Outlaw to turnoff EM tool. Made up 3-  
3/8" Millennium casing gun with 6 SPF and 60 deg  
phasing. RIH and run CCL/GR for correlation. Tie in  
and perforate casing from 6438-6425'. Observe well.  
Well static. POOH with tools. Opened bleed valve and  
observe slight vacuum. Rigged down lubricator and  
tools. Made up Guiberson HDCH packer with WL re-entry  
guide, seating nipple with 2.25" ID. RIH with packer  
to 6344'. Observe loss of pipe displacement at 3000'.  
Set packer at 6344'. Fill tubing annulus with 12.7  
bbls (830'). Close BOP and test packer to 1000 psi,  
OK. Rigged up swabbing lubricator and swab tools.  
Swabbed well. Made 3 runs and tag fluid level at 900'.  
Pulled from 1300'. Tagged FL at 1300' and pulled from  
2300'. Tagged fluid at 1500'. Pulled fluid from  
2500'. Well on vacuum after each run. Total recovery  
23 bbls. Close well in. Wait on daylight. DC  
\$46,575; CC \$87,707

3-12-08 Wait on daylight. Held safety meeting. Opened well.  
CP 0 psi, TP 0psi. Swabbed well. Made 45 runs and  
tagged FL at approx 1000'. Pulled 1000' of fluid  
column each run. FL maintaining at approx 1000'.  
Recovered total of 270 bbls. Chloride checks at 76  
bbls recover - 7000 ppm. At 108 bbls recovered - 5200  
ppm. At 152 bbls recovered - 4500 ppm. At 200 bbls  
recovered - 4200 ppm. At 270 bbl recovered - 3800 ppm.  
Close well in. Wait on daylight. DC \$17,017; CC  
\$104,724

3-13-08 Wait on daylight. Held safety meeting. Opened well.  
CP 0 psi, TP 0 psi. Swabbed well. Made 29 runs and  
tagged fluid at approx 1000/1200' and pulled 1000' of  
fluid column each run. FL maintaining at approx 1000'.  
Recovered overall total of 423 bbls recovered - 4000  
ppm. Close well in. Order out squeeze cementing  
services. Wait on daylight. DC \$11,876; CC \$116,600

3-14-08 Wait on daylight. Held safety meeting. Opened well.  
TP 0 psi, CP 0 psi. Unseat packer. POOH and laid down

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\*\*\*\*\*TITE HOLE!!!\*\*\*\*\*Hudspeth Co., TX\*\*\*\*

16 joints tubing. Re-set Guiberson HDCH packer at 5816'. Test packer to 500 psi, OK. Rigged up cementing services and squeeze manifold. Held safety meeting with cementing and rig crews. Tested lines to 3000 psi. Mixed and bullhead 100 sacks (21 bbls) Premium + 5/10% Halad-9 + 7% KCL at 15.6 ppg. Displaced with 36.6 bbls water (clear tubing cap with 3.0 bbls) at 2 BPM and 280 psi. Stop pump. Begin hesitate squeeze perforations. Stage 1.5 bbls 6x and reach 2500 psi squeeze pressure. Hold for 25 mins, OK. Squeezed 11.0 bbls formation, 10 bbls left in casing. Est TOC in casing 5995'. Unseat packer and reverse circulate 2x tubing capacity. Rigged down and squeeze manifold and lines. Apply 500 psi casing with packer. Unseat and close well in. WOC. DC \$31,653; CC \$148,253

3-15-08 Wait on daylight. Held safety meeting. Opened well. Casing and tubing pressure held 500 psi as applied previously, OK. Bled pressure. POOH with packer and laid down same. Made up 4-3/4" bit and scraper. Picked up 3-1/2" drill collars and 1 joint 2-7/8' tubing to 328'. Suspended operations due to high winds. Wait on daylight. DC \$11,701; CC \$159,954

3-16-08 Wait on daylight. Held safety meeting. Opened well. TP 0#, CP 0#. RIH with bit and scraper. Tagged cement at 5929'. Rigged up powers swivel and lines. Cleaned out cement from 5929-6244'. Circulated clean and close well in. Wait on daylight. DC \$11,408; CC \$171,362

3-17-08 Wait on daylight. Held safety meeting. Opened well. TP 0 psi, CP 0 psi. Cleaned out cement from 6244-6320'. Circulated clean and tested casing to 2500 psi, OK. Circulated casing clean with water. Displaced casing with 130 bbls 5% KCL water. Rigged down power swivel and lines. POOH. Laid down tubing to 328'. Fill casing with 5% KCL. Close well in. Wait on daylight. DC \$15,516; CC \$186,878

3-18-08 Wait on daylight. Held safety meeting. POOH and laid down BHA, bit and scraper. Nippled down BOP and rigged down Key Well Services #313. Moved to University Drifter C49 #1. DC \$4801; CC \$191,679

3-19-26-08 Shut in.

3-27-08 Waiting on equipment for stimulation - frac.

3-28-08 Prep for frac. Hauling H2O and KCL. Rec'd 1 each hydrate tank, acid tank, frac stack. Rec'd and spotted M. mover for KCL pant. Spotted MM for KCL and loaded with KCL. Welded and installed tee between KCL distribution tanks for irrigation pump. Nippled up frac stack and tested to 3000 psi, OK. M. mover and hydrate tank spotted. Frac tanks 100% rigged. Irrigation pump to frac tanks rigged up. Lines 50% installed. Frac tank 100% nipped up and tested. 1 irrigation feed pump to KCL tank installed 100%. Lines 50% installed. Rec'd 480 bbls KCL hot. Unloaded 57 bbls per frac tank. DC \$43,971; CC \$235,650

3-29-08 Prep for frac. Hauling water and KCL. Rigged up Tetra. Welding on hole in frac tank - no success. Will change out for another tank. No progress on irrigation pumps and lines. Will finish installation on Sat and Sun. Rec'd light towers and manlift. DC \$3856; CC \$239,506

3-30-08 Prep for frac. Rec'd frac sand. Diluting KCL hot with water. Frac tanks 100% rigged up. Frac stack nipped up and tested. Frac equipment 10% moved, 10% rigged up. Irrigation pump 80% rigged up, lines 75% rigged up. Tetra test equipment 90% rigged up. DC \$12,413; CC \$251,919

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\*\*\*\*\*TITE HOLE!!!\*\*\*\*\*Hudspeth Co., TX\*\*\*\*

3-31-08 Prep for frac. Rec'd pump and acc's. Rec'd tubing. Diluting KCL hot with water. Frac tanks 100% rigged up. Frac stack nipples up and tested. Frac equipment 10% moved, 10% rigged up. Irrigation pump 80% rigged up, lines 75% rigged up. Tetra test equipment 90% rigged up. DC \$7293; CC \$259,212

4-1-08 Prep for frac. Rec'd water. Diluting KCL hot with water. Frac tanks 100% rigged up. Frac stack nipples up and tested. Frac equipment 10% moved, 10% rigged up. Lines 75% rigged up (no progress). Tetra test equipment 90% rigged up. DC \$5056; CC \$264,268

4-2-08 Rigged up mast truck and E-ling unit. Perforted Lower Barnett - first run 6132-6140' (fired OK) and 6119-6127' (gun misfired). Second run 6104-6114' (fired OK) and 6071-6077' (fired OK). Third run 6119-6127' (fired OK). Prep for frac. Rec'd water. Diluting KCL hot with water. Rec'd acid, frac sand and water. Total continue rig up irrigation pumps and lines. Frac tanks 100% rigged up. Frac stack nipples up and tested. Frac equipment 10% moved, 10% rigged up. Irrigation pump 95% rigged up, lines 90% rigged up. Tetra test equipment 90% rigged up. DC \$4576; CC \$273,724

4-3-08 Prep for frac. Rec'd water. Finished rigging up irrigation pump and lines. Rigged up frac equipment, KCL plant and test. Frac tanks 100% rigged up. Frac stack nipples up and tested. Frac equipment 100% moved, 100% rigged up. Irrigation pump 100% rigged up, lines 100% rigged up. Tetra test equipment 90% rigged up. DC \$8414; CC \$282,138

4-4-08 No report.

4-5-08 Flow back well. Start 740 psi, 80 BPH, 659 bbl total recovery. End 185 psi, 13 BPH, 1660 bbl total recovery. DC \$27,166; CC \$774,571

4-6-08 Flow back well. Start 165 psi, 47 BPH, 1707 bbl total recovery. End psi 31 psi, 7 BPH, 2070 bbl total recovery. DC \$10,433; CC \$785,004

4-7-08 Flow back well. Start 26 psi, 9 BPH, 2079 bbl total recovery. End 5 psi, 8 BPH, 2111 bbl total recovery. Rigged up CTU. Closed frac valve. Nipples up CTU injector and BOP. Test to 2500 psi. RIH with 4-3/4" mill and motor to BP at 6025' (6021' CTU measurement). Clean out BP and continue cleaning to PBDT at 6320' (6321' CTU measurement). Circulated 2.5x bottoms up. Pumped 2 gel sweeps to clean hole. POOH with 4-3/4" bit and motor. Rigged down CTU and Services. Installed frac tree cap. Opened well to flow manifold. Flow back well. Start 6 psi, 1 bPH, 2112 bbl total recovery. End 7 psi, 2 BPH, 2150 bbl total recovery. DC \$68,774; CC \$853,778

4-8-08 Flow back well. Start 7 psi, 2 BPH, 2150 bbls total recovery. End 6 psi, 2 BPH, 2160 bbls total recovery. Closed frac valve. Rigged up Protechnics Logging Service. Logged well from 6319' RKB measurement to 5390'. POOH. Rigged down Protechnics Logging Services. Opened frac valve. Flowed back well. Start 7 psi, 2 BPH, 2150 bbl total recovery. End 6 psi, 1 BPH, 2202 bbl total recovery. DC \$15,506; CC \$399,137

4-9-08 Flowed back well. Start 6 psi, 1 BPH and 2202 bbls total recovery. End 5 psi, 2 BPH, 2210 bbls total recovery. Nipples down 7-1/16" 5M frac valve. Nipples up 7-1/16" 5M BOP. Flowed back well. Start 0 psi, 1 BPH, 2213 bbls total recovery. End 4 psi, 0 BPH, 2230 bbls total recovery. DC \$6210; CC \$875,494

4-10-11-08 Monitor well - 4#, 1 BPH, 2234 total bbls recovered. Rigged up pulling unit 100%. Received Lufkin pumping equipment. Load pipe racks with tubing and measure

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\*\*\*\*\*TITE HOLE!!!\*\*\*\*\*Hudspeth Co., TX\*\*\*\*

same. Picked up sand screen with bull plug.  
 Installed seat nipple on top of sand screen. Picked up  
 9 jts of 2-7/8" tubing. Installed TAC and continued  
 picking up tubing to 3000'. Shut down operations due  
 to excessively high winds. Monitor well - 5#, 0 BPH,  
 2241 total bbls recovered. Wait on rig crew. DC  
 \$7741; CC \$883,235

4-12-08 On line at 18:30 hours. TP 120# - 160 bbls water in  
 12-1/2 hours. Total water 2398, LLTR 7902 bbls.  
 Static pressure 28 psi, 7 SPM.

4-12-08 Made 0 bbls oil, 160 bbls water and 0 MCF.  
 4-13-08 Made 0 bbls oil, 435 bbls water and 6 MCF.  
 4-14-08 Made 0 bbls oil, 572 bbls water and 19 MCF.  
 4-15-08 Made 0 bbls oil, 610 bbls water and 29 MCF.  
 4-16-08 Made 0 bbls oil, 388 bbls water and 52 MCF.  
 4-17-08 Made 1 bbl oil, 315 bbls water and 57 MCF.  
 4-18-08 Made 0 bbls oil, 167 bbls water and 39 MCF.  
 4-19-08 Made 0 bbls oil, 143 bbls water and 27 MCF.  
 4-20-08 Made 0 bbls oil, 114 bbls water and 22 MCF.  
 4-21-08 Made 0 bbls oil, 30 bbls water and 19 MCF.  
 4-22-08 Made 0 bbls oil, 10 bbls water and 18 MCF.  
 4-23-08 Made 0 bbls oil, 37 bbls water and 15 MCF.  
 4-24-08 Made 0 bbls oil, 23 bbls water and 14 MCF.  
 4-25-08 Made 0 bbls oil, 60 bbls water and 14 MCF.  
 4-26-08 Made 0 bbls oil, 0 bbls water and 12 MCF.  
 4-27-08 Made 0 bbls oil, 55 bbls water and 13 MCF.  
 4-28-08 Made 0 bbls oil, 0 bbls water and 2 MCF.  
 4-29-08 Made 0 bbls oil, 43 bbls water and 11 MCF.  
 4-30-08 Made 0 bbls oil, 36 bbls water and 11 MCF.  
 5-1-08 Made 0 bbls oil, 37 bbls water and 11 MCF.  
 5-2-08 Made 0 bbls oil, 32 bbls water and 10 MCF.  
 5-3-08 Made 0 bbls oil, 36 bbls water and 10 MCF.  
 5-4-08 Made 0 bbls oil, 35 bbls water and 10 MCF.  
 5-5-08 Made 0 bbls oil, 39 bbls water and 10 MCF.  
 5-6-08 Made 0 bbls oil, 38 bbls water and 10 MCF.  
 5-7-08 Made 0 bbls oil, 32 bbls water and 9 MCF.  
 5-8-08 Made 0 bbls oil, 29 bbls water and 9 MCF.  
 5-9-08 Made 1 bbl oil, 28 bbls oil and 9 MCF.  
 5-10-08 Made 0 bbls oil, 29 bbls water and 9 MCF.  
 5-11-08 Made 0 bbls oil, 26 bbls water and 9 MCF.  
 5-12-08 Made 0 bbls oil, 28 bbls water and 9 MCF.  
 5-13-08 Made 0 bbls oil, 25 bbls water and 9 MCF.  
 5-14-08 Made 0 bbls oil, 18 bbls water and 8 MCF.  
 5-15-08 Made 0 bbls oil, 22 bbls water and 8 MCF.  
 5-15-08 Made 0 bbls oil, 22 bbls water and 8 MCF.  
 5-16-08 Made 0 bbls oil, 23 bbls water and 8 MCF.  
 5-17-08 Made 0 bbls oil, 24 bbls water and 8 MCF.  
 5-18-08 Made 0 bbls oil, 22 bbls water and 7 MCF.  
 5-19-08 Made 0 bbls oil, 21 bbls water and 7 MCF.  
 5-20-08 Made 0 bbls oil, 32 bbls water and 8 MCF.  
 5-21-08 Made 0 bbls oil, 20 bbls water and 7 MCF.  
 5-22-08 Made 0 bbls oil, 18 bbls water and 7 MCF.  
 5-23-08 Made 0 bbls oil, 19 bbls water and 7 MCF.  
 5-24-31-08 Shut in pressure buildup.  
 6-1-4-08 Shut in pressure buildup.  
 6-5-30-08 Shut in pending P & A.  
 7-1-31-08 Shut in pending P & A.  
 8-1-08 Held safety meeting. Moved in and rigged up equipment.  
 Pump stuck. POOH with rods. Parted at 99 rods down.  
 Shut down for day. CC \$7800

8-4-08 Held safety meeting. Nippled down wellhead. Nippled  
 up BOP. POOH with 76 joints. Strip out of hole with  
 rods and tubing. Shut down for day. CC \$12,575

8-5-08 Held safety meeting. Finished laying down rods and  
 tubing - 238 joints tubing and 66 - 3/4" rods. RIH  
 with retainer, no luck. Called RRC and Halliburton.

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Trial Mountain - University Ranger C50 #2 Sec 50, Blk C, Survey UL

\*\*\*\*\*TITE HOLE!!!\*\*\*\*\*Hudspeth Co., TX\*\*\*\*

Spotted 60 sacks at 5841'. POH and shut down for day.  
CC \$17,670

8-6-08 Held safety meeting. RIH and tagged at 5576'.  
Circulated plugging mud. PUH to 4752'. Spotted 25  
sacks. POOH. Welded on pull nipple. RIH and cut 5-  
1/2" casing at 2950'. POOH with 2 joints. Shut down  
for day. CC \$25,539

8-7-08 Held safety meeting. Finished laying down 5-1/2"  
casing - 68 joints total. Nippled down wellhead.  
Welded on 8-5/8" pull nipple. RIH and cut casing at  
1600'. POOH with 6 joints. Shut down for day. CC  
\$33,874

8-8-08 Held safety meeting. POOH with a total of 38.5 joints  
of 8-5/8" casing. Nippled up wellhead and BOP. Shut  
down for day. CC \$39,224

8-11-08 Held safety meeting. Circulated plugging mud. Spotted  
55 sacks at 1551'. PUH. Spotted 70 sacks at 1188'.  
Shut down for day. CC \$45,764.50

8-12-08 Held safety meeting. RIH, no tag. Spotted 75 sacks at  
1188'. POOH and WOC. RIH and tagged at 1088'. POOH.  
RIH to 33'. Circulated 25 sacks to surface. Rigged  
down. Dig out wellhead. Cut off wellhead. Cut off  
anchors. Level location. Cleaned up location.  
Started moving out trucks. CC \$52,753.50 PLUGGED AND  
ABANDONED. FINAL REPORT