



U.T. LANDS

Activity for: University "21-34" #1
Legal: 1320' FNL, 1320' FEL
Section 34, Block 21 University Lands Survey
County: Winkler
State: Texas

MAY 15 2008

Start_Time	Stop_Time	Hrs	Activity
07:00 11/5/07	07:00 11/6/07	24	Drove to location from Dallas. Obtained Schonstedt metal detector from Satellite Express on Highway 80 in Odessa.
07:00 11/6/07	07:00 11/7/07	24	Found University 21-34 casing w/ metal detector. Dugout cellar w/ backhoe. Found 13 3/8" cutoff~4' below G.L. Installed lock on gate. Backhoe broke down while clearing location. Took metal detector back to Odessa.
07:00 11/7/07	07:00 11/26/07	456	SD.
07:00 11/26/07	07:00 11/27/07	24	MI backhoe and dugout cellar and found 13 3/8" casing cutoff.
07:00 11/27/07	07:00 11/28/07	24	Cleared location and road.
07:00 11/28/07	07:00 12/11/07	312	Moved loose dirt around wellhead and replaced w/ caliche. Formed up 20' X 30' location pad on South side of wellhead. Installed cattle guard and fence along South and East sides of location.
07:00 12/11/07	07:00 12/12/07	24	Installed new 13 5/8" 5M# casinghead and 13 5/8" 5M# x 11" 10M# tubinghead. Tested seals to 3000#. Used 10 3/4" 55.5# P110 casing to stub up 10 3/4".
07:00 12/12/07	07:00 12/13/07	24	Poured concrete foundation on South side of wellhead and cemented base of 13 5/8" casinghead.
07:00 12/13/07	07:00 12/15/07	48	SD.
07:00 12/15/07	07:00 12/16/07	24	MIRU Basic #1297 24hr workover rig. Set 3 frac tanks and loaded w/ fresh water. Unloaded 4" 14# FH Rental DP f/ Smith-Nunez. Unloaded 11-6" and 6 4/3/4" collars f/ Rock Tool. RU reverse manifold and BOP's. Rcvd laydown machine.
07:00 12/16/07	07:00 12/17/07	24	RU laydown machine and rotating head. Drill rathole and complete rigging up.
07:00 12/17/07	07:00 12/18/07	24	RIH w/ 11-6" collars and 6-4 3/4" collars and 11jts 4" DP and tag cement at 840'. Pull up and establish circulation. Test casing and lines to 2000#.
07:00 12/18/07	07:00 12/19/07	24	Reverse circulate and Drill out cement plug f/ 840-980'. Circulated hole clean and continue TIH w/ 4" DP. Tag up at 4840'. RU power swivel and rotating head rubber. Rotating head rubber blew out 3 times in a row after reaching 450#, due to bit partially plugging when reverse circulating.
07:00 12/19/07	07:00 12/20/07	24	Switched to conventional circulation. Drilled out cement plug f/ 4850-5000' at 9-10BPM circulation rate. PU 4" DP and tag top of cement plug at 11108'.
07:00 12/20/07	07:00 12/21/07	24	DO cement to top of liner at 11308' (stopped making hole). Circulated hole for 4 hrs at 9.8BPM. Worked on rig for 4 hrs. TOH w/ 4" DP and layed down 6" and 4 3/4" collars and 9 1/2" bit (bit was in excellent condition). TIH w/ 3 7/8" Chomps bit and 10 3 1/8" Drill collars.
07:00 12/21/07	07:00 12/22/07	24	Cont TIH w/ 184jts (5771') 2 7/8" Hydril PH-6 7.9# P110 tubing and 4" FH drillpipe. Tagged up at 11280' and wash out fill to top of liner at 11308'. Worked for 2hrs to get through top of liner--finally fell thru. Continue TIH to 13880'.
07:00 12/22/07	07:00 12/23/07	24	Drilled thru cement and CIBP from 13880-13900'. Cont. TIH to 17119'. Had a dozer move brush and dirt away f/ pipe racks. Reverse circulated 1100bbls 8.7ppg water mixes w/ corrosion inhibitor at 4BPM. Pulled pipe to 16930'. Spotted 1000gals 10% acetic acid f/ 16930-15400'. TOH laying down pipe. At 7:00am all 4" DP was on racks.

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07:00 12/23/07	07:00 12/24/07	24	Layed down 2 7/8" tubing, drill collars and bit. MIRU Dialog wireline. RIH w/ caliper log and determine all liner casing except top jt to be 5" 23#/ft (top jt is 18#/ft). Obtained deviation survey in conjunction w/ caliper. RIH w/ GR/CBL/CCL/VDL and run log f/ 17100' to top of liner. POH. Hauled tubing and drillpipe back to Nunez and collars back to Rock Tool, along w/ all rental tools. Unloaded 2 7/8" EUE L80 6.5# tubing f/ Smith Borthers Pipe. SD for Christmas.
07:00 12/24/07	07:00 12/26/07	48	SD.
07:00 12/26/07	07:00 12/27/07	24	RIH w/ Dialog wireline and perfed f/ 16860-900' w/ 4SPF, 90deg phasing, 3 1/8" TAG guns w/ .43"EHD and 23.2" PEN. POH. (Had 2 misruns due to GR not working and guns not firing--ended up getting another truck out to replace faulty wireline truck).
07:00 12/27/07	07:00 12/28/07	24	Started TIH w/ 8' 2 7/8" J55 tubing sub, 4 1/2" Arrowset 1X 10K packer and 17jts 2 7/8" EUE L80 6.5# tubing, when collar hit BOP flange, pipe jumped and elevators opened, losing tubng and packer downhole. RU wireline and RIH w/ 6 1/2" guage ring and top of fish (packer appears to be stuck in liner top). POH. RIH w/ overshot, bumper jar, and tubng--didn't tag fish. PU addidional tubing and tagged top of liner. Start TOH.
07:00 12/28/07	07:00 12/29/07	24	Finish TOH--did not catch fish. RU Express Wireline and RIH w/ guage ring and found top of fish 6' below liner top. TIH w/ tubing open-ended and attempted to screw onto fish. TOH--did not recover fish.
07:00 12/29/07	07:00 12/30/07	24	TIH w/ spear. Attempt to latch onto fish. TOH--did not catch fish. TIH w / spear. PU additional 2 7/8" PH-6 7.9# P110 tubing and TIH until fish tagged CIBP at 17560'.
07:00 12/30/07	07:00 12/31/07	24	TOH laying down 2 7/8" PH-6 and standing back 2 7/8" EUE L80 pipe. Recovered all of fish. PU and TIH w/ new 5" 23# Arrowset 1X 10K packer and tubing.
07:00 12/31/07	07:00 1/1/08	24	Set packer, ND BOP's. NU 11'10M# x 2 9/16" 15M# tree. Start rigging down.
07:00 1/1/08	07:00 1/2/08	24	Finish RD pulling unit. RU manifold to flowback to pit. Pump 56bbls 2% KCLdown tubing and 2.3BPM and 4500psi. ISIP=3950psi. Casing pressure climbed steadily while pumping--potential tubing or packer leak. Opened tubng up w/ 3600#--pressure bled to 0 in 15min--left well flowing--est rec 45bbls in 1st 1.5hrs. Left well flowing at .014BPM.
07:00 1/2/08	07:00 1/3/08	24	Well flowing to pit.
07:00 1/3/08	07:00 1/4/08	24	Well flowing to pit--dripping slightly--no gas show. RD flowback manifold. Left well SI.
07:00 1/4/08	07:00 1/15/08	264	Well SI.
07:00 1/15/08	07:00 1/16/08	24	SITP=40#. MIRU pulling unit. Unset packer and NU 7 1/16" 3m# BOP. TOH w/ tubing--found packer mandrel parted and left most of packer in the hole. TIH w/ spear and 60jts tubing.
07:00 1/16/08	07:00 1/17/08	24	Continue TIH w/ tubing. Latched onto packer and then PU 15jts additional tubing to make sure sub went to bottom. TOH w/ tubing and fish (left 8'sub w/ bottom of packer mandrel in hole). RU Express Wireline and RIH w/ CIBP and set at 16750'. POH. RIH w/ dump bailer and dump 20' cement on top of CIBP. POH and SDFN.
07:00 1/17/08	07:00 1/18/08	24	RIH w/ 3 1/8" TAG guns (.43" EHD, .23" PEN) and shoot 80 holes at 4SPF, 90deg phasing f/ 15511-31'. POH and RDMO Express Wireline. RU Triple A Testers and TIH w/ 8' x 2 7/8" sub, Arrowset 1X 10K packer, 2 7/8" SN and 2 7/8" L80 6.5# EUE tubing, testing to 7500# (no leaks). SDFN.

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07:00 1/18/08	07:00 1/19/08	24	ND BOP and set packer at 11543' and EOT at 11552'. NU wellhead. Load casing w/ 98bbbls 2% KCL w/ corrosion inhibitor and tested to 1000#. Pressure tubing to 4990# and well started taking fluid. Pumped 66bbbls 2%KCL into formation at 1.2BPM at 5750#. ISIP=5570#. 5min=5450#, 10min=5410#, 15min=5360#. Opened well up and flowed back to pit. Well flowing at ~.25BPM after 45min. RIH w/ swab and make 6 runs and recovered total of 70bbbls (including 15bbbls flowed back). Getting some gas on last run.
07:00 1/19/08	07:00 1/20/08	24	SITP=500#. Bleed well down in 45minutes. RIH w/ swab and found FL at 5600'. Swabbed well down to SN at 11550' and recovered 80bbbls of gas cut water. Light blow of gas after each swab run. RDMO pulling unit. 150BLWLTR.
07:00 1/20/08	07:00 1/23/08	72	Well SI.
07:00 1/23/08	07:00 1/24/08	24	SITP=850#. MIRU Cudd Pressure Control. Tested lines to 15M#. Master valve would not work--believe to be frozen up. Worked w/ valve~1hr and got open. Acidized well w/ 5000gals 15% HCL NEFE w/ 200 1.3SG RCN ball sealers. Held 3000# on casing. TP rose slowly f/ 6700# at 9.4BPM to bailout at 9000#. Surged balls off and pumped remaining 43bbbls 2%KCL flush at 6.0BPM at 6200#. ISIP=5740#. 5min=5688#, 10min=5665#. RDMO Cudd. MIRU MICO swab rig. RU flowline to pit. Open well up (SI for 1hr) at SITP=5250#. Flowed at 2BPM and pressure bled to 0 in 15minutes. Flowed total est 45bbbls back in 1st 45min. w/ well flowing .25BPM at 2:15pm. Began swabbing. Swabbed 15runs--last 3 runs FLat 4300'. Recovered 135bbbls total f/ swabbing/flowing. Left open to pit overnight.
07:00 1/24/08	07:00 1/25/08	24	RIH w/ swab--IFL=7000'. Made 10runs and recovered ~50bbbls. First 10bbbls were hot acid, then changed to spent acid. Ending FL at 11100', well flowing ~50Mscfpd at end of day. Left open to pit.
07:00 1/25/08	07:00 1/26/08	24	Well flowing 10-20Mscfpd. RIH w/ swab--IFL=7000'. Made 6 runs f/ 11400' and rec 8bbbls--Est 60-80Mscfpd.
07:00 1/26/08	07:00 1/28/08	48	Flowing to pit.
07:00 1/28/08	07:00 1/29/08	24	Drop 3 soap sticks and wait for 1 hour. RIH w/ swab and found IFL at 8100' (scattered fluid). Swabbed well down to SN. Made a total of 5bbbls in 5 runs. Est 100-120Mscfpd. RDMO MICO.
07:00 1/29/08	07:00 2/5/08	168	Flowing to pit.
07:00 2/5/08	07:00 2/6/08	24	Well flowing w/ 20psi on 18/64ths choke--est 40Mscfpd. SI for PBUT.
07:00 2/6/08	07:00 2/11/08	120	Well SI.
07:00 2/11/08	07:00 2/12/08	24	SITP=5100#.
07:00 2/12/08	07:00 2/14/08	48	Well SI.
07:00 2/14/08	07:00 2/15/08	24	SITP=5300#.
07:00 2/15/08	07:00 3/24/08	912	Well SI.
07:00 3/24/08	07:00 3/25/08	24	MIRU Mesa Well Service. Set 4 pipe racks and catwalk. SDFN
07:00 3/25/08	07:00 3/26/08	24	SITP=5100#. Bled well down in 1.75hrs. Pumped 100bbbls down tubing and well dead. ND tree. Pulled 150M# but could not get hanger loose. Pressured annulus to 500# and hanger came loose w/ 78M# pull. Unset packer and TOH laying down tubing.
07:00 3/26/08	07:00 3/27/08	24	Finished TOH laying down 2 7/8" EUE 6.5# L80 tubing and packer. Unload and rack 4 1/2" P110 13.5# LTC casing and load 2 7/8" tubing onto trucks to Smith Brothers Pipe yard in Midland.
07:00 3/27/08	07:00 3/28/08	24	RU casing crew and laydown machine. PU and RIH w/ 10 3/4" x 4 1/2" Arrowset 1X 5K packer and 4 1/2" casing. Tag top of liner at 11302' w/ 249jts. Pull up to 11279' SDFN. RD casing crew and laydown machine.

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07:00 3/28/08	07:00 3/29/08	24	Set packer w/ 34M# compression. Land tubing hanger and NU 4 1/16" 10M# tree. Test tree to 4M#. Load casing w/ 65bbbls packer fluid and test to 1500#. RDMO pulling unit.
07:00 3/29/08	07:00 4/2/08	96	Well SI. SITP=2500#.
07:00 4/2/08	07:00 4/3/08	24	Set 500bbl stock tank and 500MMBTU production unit/separator. Started welding line to wellhead and connecting up tank, separator and gas sales line.
07:00 4/3/08	07:00 4/4/08	24	Continue constructing tank battery
07:00 4/4/08	07:00 4/5/08	24	Continue constructing tank battery
07:00 4/5/08	07:00 4/6/08	24	SDFWE.
07:00 4/6/08	07:00 4/7/08	24	SDFWE.
07:00 4/7/08	07:00 4/8/08	24	Finish tank battery construction. Purged and tested lines to 1000# w/ gas pressure from well.
07:00 4/8/08	07:00 4/16/08	192	SDWO frac job. Set 8 frac tanks and filled w/ fresh water. Set Co2 tanks and filled w/ 280tons of CO2.
07:00 4/16/08	07:00 4/17/08	24	Tested fluids in Odessa. Rolled KCL into frac tanks to get 2% KCl.
07:00 4/17/08	07:00 4/18/08	24	MIRU Weatherford and Linde (BOC Gas) to frac well. Tested lines. Annulus pump would not turn over--waited 2hrs on new pump from Cudd. Loaded tubing and pressured annulus to 2500#--pressure increasing steadily on annulus. Bled off gas pressure on annulus for 1 hr. Pressured annulus again and held steady. Began frac job at ~7:30pm. Pumping at 28BPM at 9300# in 1st 2/3 of pad, then got good pressure break during last 1/3 of pad and increased rate to 42BPM at 8800# by 3# stage. Lost 1 fluid pump in pad, then 2 fluid pumps ran out of fuel on 3# sand and had to cut rate from 42BPM to 20BPM for remainder of job. Flushed w/ straight 2 % KCL water--ran out of CO2. ISIP=6767#. Fraced w/ a total of 2962bbbls Magnum Frac X-linked zirconate gel w/ 280tons CO2 (30Q) w/ 10M# 100mesh sand and 300M# Ultrarop f/ 2-6ppg. Maintained 4800# on annulus. Finished job at 10:40pm. RDMO Weatherford. Opened well up w/ 6000# and Flowed well back immediately after job on 16/64ths choke.
07:00 4/18/08	07:00 4/19/08	24	At 7:00am well flowing at 3100# on 14/64th choke. At 7:00pm well flowing at 1500# on 18/64th choke.
07:00 4/19/08	07:00 4/20/08	24	At 7:00am well flowing at 800# on 22/64th choke. At 7:00pm well flowing gas and water at 540# on 28/64th choke.
07:00 4/20/08	07:00 4/21/08	24	At 7:00am well flowing at 425# on 28/64th choke. At 6:00pm well flowing at 190# on 28/64th choke--Opened well to 1" choke and pressure fell to 25psi. Closed well in at 3:00am after well quit slugging water.
07:00 4/21/08	07:00 4/22/08	24	SITP=525# at 7:00am. Opened well to Regency Gas sales at 11:00am w/ 1000psi SITP. Well flowing at 300Mscf/d w/ 500# FTP after 2 hrs.
07:00 4/22/08	07:00 4/23/08	24	
07:00 4/23/08	07:00 4/24/08	24	
07:00 4/24/08	07:00 4/25/08	24	
07:00 4/25/08	07:00 4/26/08	24	
07:00 4/26/08	07:00 4/27/08	24	
07:00 4/27/08	07:00 4/28/08	24	
07:00 4/28/08	07:00 4/29/08	24	
07:00 4/29/08	07:00 4/30/08	24	
07:00 4/30/08	07:00 5/1/08	24	
07:00 5/1/08	07:00 5/2/08	24	