



Well History

PHILLIPS UNIVERSITY P 23

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

PHILLIPS UNIVERSITY P 23

Field Name: MARTIN Corporate ID: 119091 Section: 13		Block: 11	Total Depth (ftKB): 7,745.0 Survey: UL
1/7/2011 05:00 - 1/8/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drld To TD 1513' TOO H F/ Csg Operations Summary: Daily Cost Total: 201,127 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/8/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 201,127 Job Day: 1
1/8/2011 05:00 - 1/9/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drlg Ahead @ 1536 Operations Summary: Daily Cost Total: 70,400 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/9/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 271,527 Job Day: 2
1/9/2011 05:00 - 1/10/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drlg Ahead @ 3195' Operations Summary: Daily Cost Total: 18,616 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/10/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 290,143 Job Day: 3
1/10/2011 05:00 - 1/11/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drlg Ahead @ 4469' Operations Summary: Daily Cost Total: 16,798 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/11/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 306,941 Job Day: 4
1/11/2011 05:00 - 1/12/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drlg Ahead @ 5803' Operations Summary: Daily Cost Total: 17,213 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/12/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 324,154 Job Day: 5
1/12/2011 05:00 - 1/13/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drlg Ahead @ 6503' Operations Summary: Daily Cost Total: 41,251 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/13/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 365,405 Job Day: 6
1/13/2011 05:00 - 1/14/2011 05:00			
Job Category: Drilling/Initial Completion State: TX Permit Number: 704116 Operations at Report Time: Drlg Ahead @ 7613' Operations Summary: Daily Cost Total: 18,434 AFE Days (days):		County/Parish: ANDREWS Report End Date: 1/14/2011	Primary Job Type: Drilling - original PL System: Current Well Status: COMPLETING CO2 (%): Cum Cost To Date: 383,839 Job Day: 7



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1/14/2011 05:00 - 1/15/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/15/2011

Operations at Report Time: Run 5 1/2 Casing

Operations Summary:

Daily Cost Total: 52,955

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 436,794

Job Day: 8

1/15/2011 05:00 - 1/16/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/16/2011

Operations at Report Time: R/D W/O Trucks Rig Released @ 2100 1/15/11

Operations Summary:

Daily Cost Total: 174,165

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 610,959

Job Day: 9

1/16/2011 05:00 - 1/17/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/17/2011

Operations at Report Time:

Operations Summary:

Daily Cost Total:

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 610,959

Job Day: 10

1/17/2011 05:00 - 1/18/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/18/2011

Operations at Report Time:

Operations Summary:

Daily Cost Total:

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 610,959

Job Day: 11

1/18/2011 05:00 - 1/19/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/19/2011

Operations at Report Time:

Operations Summary:

Clean loc. NU Tbg. Head, NU BOP, MIRU WL,KT GIH w/ GR,CCL tool's tag TD 7640' log to 2900' w/ 1000 psi. applied to csg. TOC

3100', release psi. RDMO WL, test csg. To 3K good test, release psi. SWI wait on prog.

Daily Cost Total: 8,930

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 619,889

Job Day: 12

1/19/2011 05:00 - 1/20/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/20/2011

Operations at Report Time:

Operations Summary: Waiting on prog. Set pumping unit.

Daily Cost Total: 100,050

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 719,939

Job Day: 13

1/20/2011 05:00 - 1/21/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Permit Number: 704116

Report End Date: 1/21/2011

Operations at Report Time:

Operations Summary: Preparing prog.

Daily Cost Total: 50

AFE Days (days):

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Current Well Status: COMPLETING

Cum Cost To Date: 719,989

Job Day: 14



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1/21/2011 05:00 - 1/22/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/22/2011

Current Well Status: COMPLETING

Operations at Report Time:

Operations Summary: Preparing prog.

Daily Cost Total: 50

Cum Cost To Date: 720,039

AFE Days (days):

Job Day: 15

1/22/2011 05:00 - 1/23/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/23/2011

Current Well Status: COMPLETING

Operations at Report Time:

Operations Summary: Preparing prog.

Daily Cost Total: 50

Cum Cost To Date: 720,089

AFE Days (days):

Job Day: 16

1/23/2011 05:00 - 1/24/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/24/2011

Current Well Status: COMPLETING

Operations at Report Time:

Operations Summary: Preparing prog.

Daily Cost Total: 50

Cum Cost To Date: 720,139

AFE Days (days):

Job Day: 17

1/24/2011 05:00 - 1/25/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/25/2011

Current Well Status: COMPLETING

Operations at Report Time:

Operations Summary: Prog routing for approval.

Daily Cost Total: 50

Cum Cost To Date: 720,189

AFE Days (days):

Job Day: 18

1/25/2011 05:00 - 1/26/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/26/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Safety Meeting-Pinch Points. ND BOP. NU Frac Valves & Frac Header. RU KT. Pressure Test Casing, Frac Valves & Frac Header to *4000psi. Good Pressure Test. Bleed Down Well. SIW w/*0psi. RD KT.

Daily Cost Total: 6,461

Cum Cost To Date: 726,650

AFE Days (days):

Job Day: 19

1/26/2011 05:00 - 1/27/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/27/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Spot & Set Frac Tanks, Acid Tanks & FB Tank.

Daily Cost Total: 3,245

Cum Cost To Date: 729,895

AFE Days (days):

Job Day: 20

1/27/2011 05:00 - 1/28/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 1/28/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Safety Meeting-Explosives. RU Gray WL. RIH w/CCL & 3 3/8" TAG System w/Connex Charges (25 gm chg, .54" EH, 48.14" TTP) w/120* phasing & Perforate Lower Wichita Albany as follows: 7554-7558, 7523-7528, 7508-7511, 7481-7484, 7475-7477 (68 Shots). SIW w/*0psi. RD WL. RU FB Line to Tank. Continue to Load Frac Tanks w/Fresh Water.

Daily Cost Total: 16,724

Cum Cost To Date: 746,619

AFE Days (days):

Job Day: 21



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1/28/2011 05:00 - 1/29/2011 05:00**Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 1/29/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:****Operations Summary:** WOF**Daily Cost Total:** 1,645**Cum Cost To Date:** 748,264**AFE Days (days):****Job Day:** 22**1/29/2011 05:00 - 1/30/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 1/30/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:****Operations Summary:** WOF (ProPetro, 1/31/11)**Daily Cost Total:** 1,645**Cum Cost To Date:** 749,909**AFE Days (days):****Job Day:** 23**1/30/2011 05:00 - 1/31/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 1/31/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:** SI**Operations Summary:** Safety Meeting-Chemical Handling. RU Blending Equipment. Add Corrosion Inhibitor to Acid Tanks. Offload Acid. Roll Acid Tanks. Will Finish Rig-up in a.m.**Daily Cost Total:** 2,845**Cum Cost To Date:** 752,754**AFE Days (days):****Job Day:** 24**1/31/2011 05:00 - 2/1/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/1/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:** Flowback**Operations Summary:** Safety Meeting. RU ProPetro Services & JMR Flow Testers. Load hole w/20bbl 10# Brine Water w/SI & breakdown Stage 1(Lower Wichita Albany 7475'-7558')(68 Shots) 2bpm @ 3090psi. Acid Frac Interval w/ 76bbl 20% NEFE HCL, 160bbl 20% UltraGel Acid & 60bbl Gelled 10# Brine Water Carrying 2000# Rock Salt. Flush & OverFlush w/300bbl 10# Brine Water. (Diversion 1>1500-6120psi) (Diversion 2>1700-5820psi) ATP=2231psi, MTP=6120psi, ATR=20bpm, MTR=24bpm, ISIP=670psi, 5 min=420psi, 10 min=300psi, 15 min=240psi, SIW w/230psi. TLTR=616. Leave Well Shut-in 4hrs & Turn over to JMR Flow Testers on a 12/64 Choke.**Daily Cost Total:** 53,498**Cum Cost To Date:** 806,252**AFE Days (days):****Job Day:** 25**2/1/2011 05:00 - 2/2/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/2/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:****Operations Summary:** No flowback from frac. FCP = 0 psi. TLTR 616, LLTR 616, 0% rec'd.**Daily Cost Total:** 1,345**Cum Cost To Date:** 807,597**AFE Days (days):****Job Day:** 26**2/2/2011 05:00 - 2/3/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/3/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:****Operations Summary:****Daily Cost Total:** 1,345**Cum Cost To Date:** 808,942**AFE Days (days):****Job Day:** 27**2/3/2011 05:00 - 2/4/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/4/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Current Well Status:** COMPLETING**Operations at Report Time:****Operations Summary:****Daily Cost Total:** 1,345**Cum Cost To Date:** 810,287**AFE Days (days):****Job Day:** 28



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2/4/2011 05:00 - 2/5/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 2/5/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Sfty mtg on wrkn in cold conditions, SICIP 0, MIRU WSU, MI pipe racks & catwalk, MI off load 7700' New 2 7/8, J-55 Tbg, ND Frac stack & NU BOP w Tbg head, R&T Tbg, RIH w 2 7/8 NC, SN & 250 Jts & Tagged @ 7650', POH LD 2 Jts, EOT 7580', Prep to swab in am, SI/SDFN

Daily Cost Total: 55,795

Cum Cost To Date: 866,082

AFE Days (days):

Job Day: 29

2/5/2011 05:00 - 2/6/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 2/6/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Sfty mtg on swabbing, SITP 0, SICIP 0, NU Swab, Had trouble w oil saver, Fixed oil saver, Made 17 runs; IFL 3200'; EFL 3800'; Rec 191 bbls; Trace oil in every sample, TLTR 616, LLTR 425 (31% fluid rec'd)

Daily Cost Total: 5,680

Cum Cost To Date: 871,762

AFE Days (days):

Job Day: 30

2/6/2011 05:00 - 2/7/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 2/7/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Sfty mtg on swabbing, SITP 30, SICIP 0, RU Swab; Made 17 runs; Rec 160 bbls; IFL 2800'; EFL 3800'; 60% oil cut in first 2 runs, slight trace oil in next 5 runs; All water in last 10 runs; Slight tail gas, TLTR 616, LLTR 265 (57% fluid rec'd)

Daily Cost Total: 4,980

Cum Cost To Date: 876,742

AFE Days (days):

Job Day: 31

2/7/2011 05:00 - 2/8/2011 05:00

Job Category: Drilling/Initial Completion

State: TX

County/Parish: ANDREWS

Primary Job Type: Drilling - original

PL System:

CO2 (%):

Permit Number: 704116

Report End Date: 2/8/2011

Current Well Status: COMPLETING

Operations at Report Time: SI

Operations Summary: Sfty mtg on Layd Tbg, SITP 0, SICIP 0, RD swab, POH layd 248 Jts on rack, ND Tbg head & BOP, NU Frac stack, RDMO WSU, Safety Meeting-Explosives. RU Gray WL. RIH w/CCL & 5 1/2" CBP & Set @ *7460'. POOH. RU KT. Pressure Test Casing, Plug, Frac Valves & Frac Header to *5000psi. Good Pressure Test. Bleed Down Well. RD KT. RIH w/CCL & 3 3/8" TAG System w/Connex Charges (25 gm chg, .54" EH, 48.14" TTP) w/120" phasing & Perforate Middle Wichita Albany Interval as follows: 7314-7316, 7305-7307, 7238-7242, 7206-7210, 7145-7147, 7114-7116, 7109-7111, 7098-7102 (88 Shots). SIW w/*0psi. RD WL. RU FB Line to Tank. Roll Inhibitor into Acid Tanks. Offload Acid into Tanks.

Daily Cost Total: 25,967

Cum Cost To Date: 902,709

AFE Days (days):

Job Day: 32



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2/8/2011 05:00 - 2/9/2011 05:00**Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/9/2011**Current Well Status:** COMPLETING**Operations at Report Time:** SI

Operations Summary: Safety Meeting. RU Cudd, Gray WL & JMR Flow Testers. Load hole w/*2bbl 10# Brine Water w/SI & breakdown Stage 2 (Middle Wichita Albany 7098'-7316') (88 Shots) *1bpm @ *4190psi. Acid Frac Interval w/*79bbl 20% NEFE HCL, *200bbl 20% UltraGel Acid & *62bbl Gelled 10# Brine Water Carrying *2000# Rock Salt. Flush & OverFlush w/*300bbl 10# Brine Water. (Diversions 1>2670-6130psi) (Diversions 2>2890-4526psi) ATP=*3703psi, MTP=*6130psi, ATR=*25bpm, MTR=*27bpm, ISIP=*2000psi, 5 min=*1710psi, 10 min=*1550psi, 15 min=*1475psi, SIW w/*1470psi. TLTR=*643bbl.

RU Gray WL. RIH w/CCL & 5 1/2" CBP. Set @ 6887'. POOH. PSI test plug to *5000psi. Good psi test. RIH w/CCL & 3 3/8" TAG System w/Connex Charges (25 gm chg, .54" EH, 48.14" TTP) w/120" phasing & Perforate Upper Wichita Albany Interval as follows: 6729-6737, 6697-6703, 6685-6688 (68 Shots). RD WL.

Pressure Test. Load hole w/*2bbl 10# Brine Water w/SI & breakdown Stage 3 (Upper Wichita Albany 6685'-6737') (68 Shots) *1bpm @ *5612psi. Acid Frac Interval w/*94bbl 20% NEFE HCL, *177bbl 20% UltraGel Acid & *48bbl Gelled 10# Brine Water Carrying *1500# Rock Salt. Flush & OverFlush w/*300bbl 10# Brine Water. (Diversions 1>3828-6414psi) (Diversions 2>2521-6503psi) ATP=*3987psi, MTP=*6503psi, ATR=*20bpm, MTR=*22bpm, ISIP=*1200psi, 5 min=*880psi, 10 min=*750psi, 15 min=*647psi, SIW w/*640psi. TLTR=*621bbl.

RU Gray WL. RIH w/CCL & 5 1/2" CBP. Set @ 6670'. POOH. PSI test plug to *5000psi. Good psi test. RIH w/CCL & 3 3/8" TAG System w/Connex Charges (25 gm chg, .54" EH, 48.14" TTP) w/120" phasing & Perforate Lower Clearfork Interval as follows: 6634-6636, 6584-6588, 6530-6540, 6446-6458, 6432-6436, 6351-6356, 6279-6284, 6230-6233 (128 Shots). SIW w/*0psi. RD WL.

Daily Cost Total: 107,346**Cum Cost To Date:** 1,010,055**AFE Days (days):****Job Day:** 33**2/9/2011 05:00 - 2/10/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/10/2011**Current Well Status:** COMPLETING**Operations at Report Time:** SI

Operations Summary: Spot & Set Hydration Tank. WO Sand Box to offload Proppant. WO ProPetro Services to arrive.

Daily Cost Total: 2,145**Cum Cost To Date:** 1,012,200**AFE Days (days):****Job Day:** 34**2/10/2011 05:00 - 2/11/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/11/2011**Current Well Status:** COMPLETING**Operations at Report Time:** SI

Operations Summary: Safety Meeting-Spotting Equipment. MIRU ProPetro Services, Gray WL, JMR Flow Testers. Attempt to Un-thaw Fluid Manifolds on Frac Tanks. Attempts were Unsuccessful. The decision was made to RD & Move Over Frac Crew & all associated Equipment.

Daily Cost Total: 10,045**Cum Cost To Date:** 1,022,245**AFE Days (days):****Job Day:** 35**2/11/2011 05:00 - 2/12/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/12/2011**Current Well Status:** COMPLETING**Operations at Report Time:**

Operations Summary: WOF, ProPetro 2/14-15.

Daily Cost Total: 1,545**Cum Cost To Date:** 1,023,790**AFE Days (days):****Job Day:** 36



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2/12/2011 05:00 - 2/13/2011 05:00**Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/13/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Operations at Report Time:** SI**Current Well Status:** COMPLETING**Operations Summary:** Continue to thaw out frac tank manifolds. Will move in hot oilers in AM 2/13 to prepare for ProPetro frac (scheduled 2/14-15).**Daily Cost Total:** 2,695**Cum Cost To Date:** 1,026,485**AFE Days (days):****Job Day:** 37**2/13/2011 05:00 - 2/14/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/14/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Operations at Report Time:** SI**Current Well Status:** COMPLETING**Operations Summary:** MIRU Hot Oilers & Continue to Thaw-out Frac Tanks & Manifolds.**Daily Cost Total:** 4,095**Cum Cost To Date:** 1,030,580**AFE Days (days):****Job Day:** 38**2/14/2011 05:00 - 2/15/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/15/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Operations at Report Time:** SI**Current Well Status:** COMPLETING**Operations Summary:** Safety Meeting-Chemical Handling & High Pressure Pumping. RU ProPetro, Gray WL & JMR Flow Testers. Load hole w/*9bbl 15# Linear Gel w/SI & breakdown Stage 4(Lower Clearfork 6230'-6636") (128 Holes) *6bpm @ *1460psi. Acidize w/*47bbl 20% NEFE HCL. Frac interval w/*4786bbl 15# Linear Gel Carrying *141,440# 20/40 Sierra Gold & *26,066# 20/40 SLC. Flush w/*145bbl Fresh Water. ATP=*2035psi, MTP=*3600psi, ATR=*56bpm, MTR=*58bpm, Total prop=*167,506#, TLTR=*4987bbl. ISIP=*1420, 5min SIP=*1280, 10min SIP=*1210, 15min SIP=*1200, SIW w/*1190psi.

RU Gray WL. RIH w/CCL & 5 1/2" CBP. Set @ 5991'. POOH. PSI test plug to *5000psi. Good psi test. RIH w/CCL & 3 3/8" TAG System w/Connex Charges (25 gm chg, .54" EH, 48.14" TTP) w/120" phasing & Perforate Upper Clearfork Interval as follows: 5835-5841, 5774-5779, 5747-5751, 5728-5731, 5719-5723, 5689-5692, 5648-5651 (78 Shots). SIW w/*0psi. RD WL.

Daily Cost Total: 84,914**Cum Cost To Date:** 1,115,494**AFE Days (days):****Job Day:** 39**2/15/2011 05:00 - 2/16/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/16/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Operations at Report Time:** Flowback**Current Well Status:** COMPLETING**Operations Summary:** 5 am report FCP - 0; Choke - 12/64; LRTDY - 67; LRPHR - 0; ALRPHR - 4.2; Water%Rec. - 0.6; Ph Level - N/A; Specific Gravity- N/A; TLTR - 10,376; LLTR - 10,309; CO2 - N/A%; Sand - N/A; Yest. Flow - N/A; Flow Rate - N/A; Pressure Test. Load hole w/*9bbl 15# Linear Gel w/SI & breakdown Stage 5 (Upper Clearfork 5648'-5841") (78 Holes) *2bpm @ *2900psi. Acidize w/*47bbl 20% NEFE HCL. Frac interval w/*3322bbl 15# Linear Gel Carrying *89,200# 20/40 Sierra Gold & *33,934# 20/40 SLC. Flush w/*131bbl Fresh Water. ATP=*1632psi, MTP=*2900psi, ATR=*46bpm, MTR=*47bpm, Total prop=*102,517#, TLTR=*3509bbl. ISIP=*1140, 5min SIP=*1060, 10min SIP=*1040, 15min SIP=*1020, SIW w/*1010psi. Leave Well Shut-in 4hrs & Turn over to JMR Flow Testers on a 12/64 Choke.**Daily Cost Total:** 90,445**Cum Cost To Date:** 1,205,939**AFE Days (days):****Job Day:** 40**2/16/2011 05:00 - 2/17/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/17/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Operations at Report Time:** SI**Current Well Status:** COMPLETING**Operations Summary:****Daily Cost Total:** 7,005**Cum Cost To Date:** 1,212,944**AFE Days (days):****Job Day:** 41**2/17/2011 05:00 - 2/18/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Permit Number:** 704116**Report End Date:** 2/18/2011**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Operations at Report Time:****Current Well Status:** COMPLETING**Operations Summary:** Sfty mtg on PPE, FCP 0, MIRU WSU, R&T 2 7/8 WS, ND Frac stack & NU BOP w Tbg head, RIH w 4 3/4 mill & SN 176 Jts, EOT 5600', NU BIW head, MI power swivel & FAU, NU line to FB tank, Prep to DO plugs in am, SI/SDFN, TLTR 10,376, LLTR 10,309**Daily Cost Total:** 7,005**Cum Cost To Date:** 1,219,949**AFE Days (days):****Job Day:** 42



Well History

PHILLIPS UNIVERSITY P 23

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

PHILLIPS UNIVERSITY P 23

2/18/2011 05:00 - 2/19/2011 05:00**Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/19/2011**Current Well Status:** COMPLETING**Operations at Report Time:** SI

Operations Summary: Sfty mtg on Power swivel, SITP 0, SICP 0, RIH w 11 Jts & Tag Fill @ 5978' w 187 Jts, RU Power swivel & FAU, Broke Circl, CO to 1st plug @ 5981' w 188 Jts, DO in 15 mins, CO to 2nd plug @ 6670' w 208 Jts, DO in 17 mins, CO to 3rd plug @ 6898' w 216 Jts, DO in 25 mins, CO to 4th plug @ 7460' w 234 Jts, DO in 45 mins, CO to 7688' w 240 Jts, CBU x 2, Kill Tbg, POH SB 32 stds, EOT 5600', Used 200 bbls, Rec 1080 bbls, Net fluid rec 880 bbls, TLTR 10,576, LLTR 9496 (10% fluid rec'd)

Daily Cost Total: 15,455**Cum Cost To Date:** 1,235,404**AFE Days (days):****Job Day:** 43**2/19/2011 05:00 - 2/20/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/20/2011**Current Well Status:** COMPLETING**Operations at Report Time:** SI

Operations Summary: Sfty mtg on pinch points, SITP 0, SICP 120, RIH w 33 stds, Tag @ 7680' (No fill), POH Layed 240 Jts, 2 7/8, N-80 WS, Moved WS to side of loc, R&T 251 Jts, 2 7/8, J-55 Prod Tbg, RIH w BPMA, 4' PS, SN, 71 Jts, EOT @ 2188', SI/SDFN, Prep to RIH w rest of prod Tbg & rods in am, Rec 60 bbls to tank, TLTR 10,576, LLTR 9436 (10% fluid rec'd)

Daily Cost Total: 9,395**Cum Cost To Date:** 1,244,799**AFE Days (days):****Job Day:** 44**2/20/2011 05:00 - 2/21/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/21/2011**Current Well Status:** COMPLETING**Operations at Report Time:** SI

Operations Summary: Sfty mtg on windy conditions, SITP 100, SICP 100, RIH w 5 1/2 x 2 7/8 TAC, 178 Jts to surface, ND BOP & Set TAC w 16 Pts, NU Tbg head, TAC 5454.35, SN 7621.92, EOT 7658.09, Prep Norris 97 rods, SI/SDFN due to high winds, Prep to RIH w Pmp & Rods in am, TLTR 10,576, LLTR 9436 (10% fluid rec'd)

Daily Cost Total: 29,200**Cum Cost To Date:** 1,273,999**AFE Days (days):****Job Day:** 45**2/21/2011 05:00 - 2/22/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/22/2011**Current Well Status:** COMPLETING**Operations at Report Time:** POP

Operations Summary: Sfty mtg on PJ, SITP 100, SICP 500, RIH w 2 1/2 x 2" x 24' w 16' GA, 24- 7/8", 186- 3/4", 93- 7/8", Spaced out & Hung well, NU HH, L&T w 11 bbls to 500 psi, Good Test, Fixed panel, Balanced PJ, Pmpd well up to 500 psi, Good Pmp action, RDMO WSU, Electricians fixed problem @ pole, POP, TLTR 10,576, LLTR 9436 (10% fluid rec'd)

Daily Cost Total: 5,100**Cum Cost To Date:** 1,279,099**AFE Days (days):****Job Day:** 46**2/22/2011 05:00 - 2/23/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/23/2011**Current Well Status:** COMPLETING**Operations at Report Time:**

Operations Summary: TP 200 CP 120 FLP 100 39 BO 312 BW 61 MCF - 14 hr test.

Daily Cost Total:**Cum Cost To Date:** 1,279,099**AFE Days (days):****Job Day:** 47**2/23/2011 05:00 - 2/24/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/24/2011**Current Well Status:** COMPLETING**Operations at Report Time:**

Operations Summary: TP 200 CP 120 FLP 100 76 BO 506 BW 133 MCF. TLTR 10,576, LLTR 8618 (18.5% rec'd)

Daily Cost Total:**Cum Cost To Date:** 1,279,099**AFE Days (days):****Job Day:** 48**2/24/2011 05:00 - 2/25/2011 05:00****Job Category:** Drilling/Initial Completion**State:** TX**County/Parish:** ANDREWS**Primary Job Type:** Drilling - original**PL System:****CO2 (%):****Permit Number:** 704116**Report End Date:** 2/25/2011**Current Well Status:** COMPLETING**Operations at Report Time:**

Operations Summary: TP 200 CP 120 FLP 100 77 BO 506 BW 148 MCF. TLTR 10,576, LLTR 8112 (23.3% rec'd)

Daily Cost Total:**Cum Cost To Date:** 1,279,099**AFE Days (days):****Job Day:** 49



Well History

PHILLIPS UNIVERSITY P 23

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

PHILLIPS UNIVERSITY P 23

2/25/2011 05:00 - 2/26/2011 05:00

Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS	PL System:	CO2 (%):
Permit Number: 704116	Report End Date: 2/26/2011	Current Well Status: COMPLETING	
Operations at Report Time:			
Operations Summary: TP 200 CP 120 FLP 100 87 BO 489 BW 193 MCF. TLTR 10,576, LLTR 7623 (27.9% rec'd)			
Daily Cost Total:		Cum Cost To Date: 1,279,099	
AFE Days (days):		Job Day: 50	

2/26/2011 05:00 - 2/27/2011 05:00

Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS	PL System:	CO2 (%):
Permit Number: 704116	Report End Date: 2/27/2011	Current Well Status: COMPLETING	
Operations at Report Time:			
Operations Summary: TP 200 CP 120 FLP 100 87 BO 459 BW 193 MCF. TLTR 10,576, LLTR 7164 (32.3% rec'd)			
Daily Cost Total:		Cum Cost To Date: 1,279,099	
AFE Days (days):		Job Day: 51	

2/27/2011 05:00 - 2/28/2011 05:00

Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS	PL System:	CO2 (%):
Permit Number: 704116	Report End Date: 2/28/2011	Current Well Status: COMPLETING	
Operations at Report Time:			
Operations Summary: TP 200 CP 120 FLP 100 93 BO 458 BW 173 MCF. TLTR 10,576, LLTR 6706 (36.6% rec'd)			
Daily Cost Total:		Cum Cost To Date: 1,279,099	
AFE Days (days):		Job Day: 52	

2/28/2011 05:00 - 3/1/2011 05:00

Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS	PL System:	CO2 (%):
Permit Number: 704116	Report End Date: 3/1/2011	Current Well Status: COMPLETING	
Operations at Report Time:			
Operations Summary: TP 200 CP 120 FLP 100 80 BO 445 BW 173 MCF			
Daily Cost Total:		Cum Cost To Date: 1,279,099	
AFE Days (days):		Job Day: 53	

3/1/2011 05:00 - 3/2/2011 05:00

Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS	PL System:	CO2 (%):
Permit Number: 704116	Report End Date: 3/2/2011	Current Well Status: COMPLETING	
Operations at Report Time:			
Operations Summary: TP 200 CP 120 FLP 100 86 BO 408 BW 160 MCF			
Daily Cost Total:		Cum Cost To Date: 1,279,099	
AFE Days (days):		Job Day: 54	

3/2/2011 05:00 - 3/3/2011 05:00

Job Category: Drilling/Initial Completion	Primary Job Type: Drilling - original		
State: TX	County/Parish: ANDREWS	PL System:	CO2 (%):
Permit Number: 704116	Report End Date: 3/3/2011	Current Well Status: COMPLETING	
Operations at Report Time:			
Operations Summary: TP 200 CP 120 FLP 100 85 BO 440 BW 161 MCF			
Daily Cost Total:		Cum Cost To Date: 1,279,099	
AFE Days (days):		Job Day: 55	