

Chronological Report

REGION: PERMIAN
OPERATED

EVENT: LAND-ORIG DRLG

WELL NAME: UNIVERSITY EX 2 SWD

OPERATOR: APACHE CORPORATION

FIELD: BLOCK 06, NE

COUNTY: ANDREWS

FORMATION: ELLENBURGER

APA WI%: 100.00000 (%)

LOCATON: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: ANDREWS - TX NCZ

STATE: TEXAS

CONTRACTOR: UNION DRILLING 224

PLAN DEPTH: 13,700.0 (ft)

SPUD DATE: 1/15/2011

AFE #: TC-10-0435-D

AFE DESC: DRILL A SWD WELL TO 13900'.

AFE DHC: 1,891,000

AFE CWC:

AFE DCC:

Others:

AFE TOT: 1,891,000

REPORT DATE: 1/3/2011

MD: 0.0 (ft)

TVD: 12,016.8 (ft)

DFS: 0.00 (days)

REPORT NO : 0

DOL: 0.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS:

MW:

VIS:

DAILY DHC:

CUM DHC:

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL:

CUM TOTAL:

CURRENT STATUS:

24 HR FORECAST:

DAILY OPS:

06:00 UPDATE::

REPORT DATE: 1/4/2011

MD: 0.0 (ft)

TVD: 12,016.8 (ft)

DFS: 0.00 (days)

REPORT NO : 1

DOL: 0.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS:

MW:

VIS:

DAILY DHC: 114,200.00

CUM DHC: 114,200.00

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: 114,200

CUM TOTAL: 114,200.00

CURRENT STATUS: WAIT ON DAY LIGHT

24 HR FORECAST: WAIT ON DAY LIGHT; WAIT ON TRUCKS; TO MOVE RIG IN

DAILY OPS: WAIT ON DAY LIGHT; SET CONDUCTOR 20" @ 40'; WAIT ON RIG

06:00 UPDATE:: WAIT ON DAY LIGHT; SET CONDUCTOR 16" @ 40' WAIT ON RIG

REPORT DATE: 1/7/2011

MD: 0.0 (ft)

TVD: 12,016.8 (ft)

DFS: 0.00 (days)

REPORT NO : 2

DOL: 1.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS: 0.00 (hr)

MW:

VIS:

DAILY DHC: 180,369.00

CUM DHC: 294,569.00

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: 180,369

CUM TOTAL: 294,569.00

CURRENT STATUS: WAIT ON DAY LIGHT; MOVE RIG IN RIG UP

24 HR FORECAST: CONTINUE RIG MOVE RECEIVE LOADS

DAILY OPS: WAIT ON DAY LIGHT; WAIT ON LOADS; RECEIVED 9 LOADS ; 20 % MOVED; MOVED IN HB OFFICE TRAILER; RIG UP SAME; ON UNIVERSITY EX 2 SWD; WAIT ON DAY LIGHT ; WAIT ON LOADS

06:00 UPDATE:: 0000 TO 0600 WAIT ON DAY LIGHT; TOTAL LOADS TO DATE 9 LOADS; 20% MOVED

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MW:

VIS:

DAILY DHC: **14,995.00**CUM DHC: **309,564.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **14,995**CUM TOTAL: **309,564.00**CURRENT STATUS: **WAIT ON DAY LIGHT; MOVE RIG IN RIG UP**24 HR FORECAST: **CONTINUE RIG MOVE RECEIVE LOADS; START SETTING IN RIG; RIGGING UP**DAILY OPS: **WAIT ON DAY LIGHT; WAIT ON LOADS; UNIVERSITY EX 2 SWD; RECEVIECD 12 LOADS ; 50 %; WAIT ON DAY LIGHT ; WAIT ON LOADS**06:00 UPDATE:: **0000 TO 0600 WAIT ON DAY LIGHT; TOTAL LOADS TO DATE 21 LOADS; 50% MOVE**REPORT DATE: **1/9/2011**MD: **0.0 (ft)**TVD: **12,016.8 (ft)**DFS: **0.00 (days)**REPORT NO : **4**DOL: **3.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**

MW:

VIS:

DAILY DHC: **14,340.00**CUM DHC: **323,904.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **14,340**CUM TOTAL: **323,904.00**CURRENT STATUS: **0600; WAIT ON DAYLIGHT**24 HR FORECAST: **CONTINUE; RIGGING UP**DAILY OPS: **WAIT ON DAY LIGHT; WAIT ON LOADS; UNIVERSITY EX 2 SWD; RECEIVED 9 LOADS; 100 % MOVED; SET SUB BASE; SET PUMPS; SET PITS; RIG UP; SET DRAW WORKS; SET GENS 1/2/3; 45 % RIGGED UP; UNLOAD TRUCKS; WAIT ON DAY LIGHT ; NO CREWS WORKING NIGHT HOURS**06:00 UPDATE:: **0000 TO 0600 WAIT ON DAY LIGHT; NO CREWS WORKING HIGHT HOURS; 100% MOVED; 45 % RIGGED UP**REPORT DATE: **1/10/2011**MD: **0.0 (ft)**TVD: **12,016.8 (ft)**DFS: **0.00 (days)**REPORT NO : **5**DOL: **4.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**

MW:

VIS:

DAILY DHC: **14,545.00**CUM DHC: **338,449.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **14,545**CUM TOTAL: **338,449.00**CURRENT STATUS: **0600; WAIT ON DAYLIGHT**24 HR FORECAST: **CONTINUE; RIGGING UP; RAISE DERRICK ; FLOOR SUB BASE; WITH HYDRAULIC CYLINDERS**DAILY OPS: **WAIT ON DAY LIGHT; MEETING; INSTALL FIRST SECTION DERRICK TO FLOOR SUB BASE; INSTALL SECOND SECTION; INSTALL TOP DRIVE IN DERRICK (DRK LAYING DOWN) SET HOOK HYDROLICK SKID; SET MCC SCR HOUSE; GEN SETS; DIESEL TANK; 75% RIGED UP; WAIT ON DAY LIGHT**06:00 UPDATE:: **000 TO 0600 WAIT ON DAY LIGHT; SUN RISE 0745 WORK START 0800; AFTER SAFETY MEETING**

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MW:

VIS:

DAILY DHC: **2,170.00**CUM DHC: **340,619.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **2170**CUM TOTAL: **340,619.00**CURRENT STATUS: **0600; WAIT ON DAYLIGHT; COUNTINE RIGGING UP AFTER SAFETY MEETING 0800; SUN RISE 0745 HR; RIG 80% RIGGE**24 HR FORECAST: **CONTUINE RIGGING UP; WORKING ON KIMS**

DAILY OPS: **W O D LIGHT; PIN TRACK IN DRK; HOOK LINES TO TOPDRIVE; HOOK UP KELLY HOSE; MAKE
 DRK READY TO RAISE; INSPECT DRK; RAISE AT 1300 HR; MAKE SUB READY TO RAISE &
 RAISE SUB 1400 HR; SCOPE IN RAMS; RD RAISEN UNIT; RUN LINES F/ DH TO GRASS
 HOPPER; W O D LIGHT**

06:00 UPDATE:: **0000 TO 0600 WAIT ON DAY LIGHT; SUN RISE 0745 WORK START 0800; AFTER SAFETY MEETING; RIG
 80% RIGGED UP**

REPORT DATE: **1/12/2011**MD: **0.0 (ft)**TVD: **12,016.8 (ft)**DFS: **0.00 (days)**REPORT NO : **7**DOL: **6.00 (days)**24 HR PROG: **0.0 (ft)**

ROT HRS:

MW:

VIS:

DAILY DHC: **2,170.00**CUM DHC: **342,789.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **2170**CUM TOTAL: **342,789.00**CURRENT STATUS: **0600; COUNTINE WORK ON KIM'S; RIG 95% RIGGED UP**

24 HR FORECAST: **FINISH INSTALLING KIM'S AND PROGRAM; INSTALL DRILLING ON DRUM; HOOK BLOCKS TO TOP
 DRIVE; TEST KIM'S AND SET UP**

DAILY OPS: **WOD LIGHT ; FINNISH RU BACK YARD; INSTALL REPLACEMENT DC MOTOR ON
 CENTRIFUGAL PUMP; FINISH DUMP VALVES ON PITS;INSTALLING KIM'S FOR BRAKING
 SYSTEM; WORK ON DRAWWORKS; CLEAN SHALE PIT ON SHAKER TANK; WAIT ON PARTS
 FOR KIM'S (CIRCUITRY BOARD); WOD LIGHT**

06:00 UPDATE:: **0600; COUNTINE WORK ON KIM'S; ELECTRICAL PART OF KIM'S IS INSTALLED; RIG 95% RIGGED UP**

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MW:

VIS:

DAILY DHC: **2,170.00**CUM DHC: **344,959.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **2170**CUM TOTAL: **344,959.00**CURRENT STATUS: **0600; COUNTINE WORK ON KIM'S; RIG 98% RIGGED UP**

24 HR FORECAST: **TEST RUN OUT KEM'S BREAKING SYSTEM; SET WORK OUT PROBLEMS; SPOOL DRILLING LINE ON DRUM; ATACHE BLOCKS TO TOP DRIVE; RIG INSPECTION MAKE UP PICK UP BHA # 1 SPUD WELL**

DAILY OPS: **WOD LIGHT; NSTALL NEW BREAKING SYSTEM ON DRAWWORKS; PUT ON NEW PADS ON DISK BRAKES; TEST KEM'S; TROUBLE SHOOT DRAWWORKS; RUNNING BACKWARDS; REPLACE VALVES SEATS IN BOTH PUMPS; CHANGE LINERS TO 6" PUMPS 1 & 2 (PUMPS COMPLEAT) WOD LIGHT**

06:00 UPDATE:: **0000 TO 0600 NIGHT CREW COME ON AT MIDNIGHT; SPOOL LINE ON DRUM; UNHANG BLOCKS; HOOK BLOCKS TO TOP DRIVE; WAIT ON NOV PERSONAL TO RUN OUT KEMS; BROKE TOUR**

REPORT DATE: **1/14/2011**REPORT NO : **9**MD: **0.0 (ft)**TVD: **12,016.8 (ft)**DFS: **0.00 (days)**DOL: **8.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**

MW:

VIS:

DAILY DHC: **2,918.00**CUM DHC: **347,877.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **2918**CUM TOTAL: **347,877.00**CURRENT STATUS: **0600 DOING UDI RIG INSPECTION; PRIME BOTH PUMPS RUN OUT**

24 HR FORECAST: **FINISH MIXING SPUD MUD; DO UDI RIG INSPECTION; PRIOR TO PICKING UP BHA; TO SPUD WELL; SHOULD SPUD BY 0800 OR 0900**

DAILY OPS: **SPOOL LINE ON DRUM; HOOK BLOCKS TO TOP DRIVE; WO NOV; SET KEMS; RUN OUT; TEACH DRILLERS HOW TO RUN & SET KEMS SYSTEMS; RIG UP 4" MUD LINE; NU 20 INCH COND; INSTALL TURNBUCKLES; FILL UP LINE; FLANGE UP FLOW LINE TO COND & SHAKERS; FILL DRAWWORKS ANTIFREEZ**

06:00 UPDATE:: **0000 TO 0600 FINISH FILLING DRAWWORKS WITH ANTIFREEZE; DO UDI RIG INSPECTION; MIXING SPUD MUD; (ONLY THREE HANDS ON NIGHTS) SPUD MUD MIXED BY 0430 35 VIS MUD ENG ON LOC CHECK MUD;**

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DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **7043**CUM TOTAL: **354,920.00**CURRENT STATUS: **DRILLING AT 260' WOB 30K; RPM 85 TO 90; PSI 1150; ROP 60 HR**24 HR FORECAST: **FINISH SURFACE; CLEAN HOLE ; TRIP OUT ; RUN CASING; CEMENT CASING; WOC; CUT****OFFCONDUCTOR; WELD ON WELL HEAD; NIPPLE UP BOPS;**DAILY OPS: **FILL DRAWWORKS WITH ANTIFREEZE; RIG INSPECTION; CHANGE ALL CAP GASKETS
PUMPS1/2; CHANGE O RINGS IN 4" MUD LINE; REPAIR ELEC; SET NEW KEMS; BUILD SPUD
MUD; BUILD SWEEPS; WELD ON COND. INSTALL FLOW LINE; SPUD UNIV. EX #2 SWD; 2300;
1/15/11; DRLG TO 181'**06:00 UPDATE:: **0000 TO 0200 DRLG FROM 151 TO 180' WOB 30K; RPM 85; PSI 1150; 0200 TO 0300 RESET KEMS NOV
TRIP OVER LINE UNPLUG IT; 0300 TO 0600; DRLG FROM 180' TO 260'; WOB 30K; RPM 85' PSI 1150**REPORT DATE: **1/16/2011**MD: **427.0 (ft)**TVD: **12,443.6 (ft)**DFS: **1.04 (days)**REPORT NO : **11**DOL: **10.00 (days)**24 HR PROG: **276.0 (ft)**ROT HRS: **6.00 (hr)**MW: **8.70 (ppg)**VIS: **36.00 (s/qt)**DAILY DHC: **69,540.00**CUM DHC: **424,460.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **69,540**CUM TOTAL: **424,460.00**CURRENT STATUS: **NIPPLE UP BOPS;**24 HR FORECAST: **WOC; CUT OFF CONDUCTOR & CASING; WELD ON WELL HEAD; NIPPLE UP BOPS; TEST TO 1000 PSI;
MAKE UP PICK UP BHA #2; TRIP IN HOLE; DRILL OUT ; DRLG FORMATION**DAILY OPS: **REPAIR PUMPS; REPAIR TROUBLE TRACKTION MOTORS DRAWWORKS; DRLG TO 245';
CHANGE O RING MUD LINE; DRLG TO 270'; WLS. 438' 0.8; DRLG TO 427' TD; CIRC. CLEAN
HOLE; TOH; RU CASING CREW ; LD TRUCK; RUN CSG; RIG UP HALCO; CMT CSG PLUG
DOWN 2030 HR 1/15/11; WOC**06:00 UPDATE:: **0000 TO 0230; WAIT ON CEMENT; 0230 TO 0600; CUT OFF CONDUCTOR & 13.375 CASING; WELD ON
WELL HEAD**

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DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **27,635**CUM TOTAL: **452,095.20**CURRENT STATUS: **WAITUNG ON NOV TECH; (ARIVE FROM HOUSTON)**24 HR FORECAST: **WAIT ON TECH; REPAIR TOP DRIVE; TEST BOPS; MAKE UP BHA TWO; TRIP IN HOLE**

DAILY OPS: **WOC; RELEASE PSI. ON HEAD; RIG DOWN HALCO HEAD; CUT OF COND; 13.375 CSG; WELD ON WELL HEAD; NU SPACER SPOOL; MUD CROSS; DSA; BOPS; SPACER SPOOL; DIAMOND RT HEAD; SPACER SPOOL; HOOK UP CHOKE MANIFOLD; FLEX CHOKE LINE; HOOK UP KILL LINE; WAIT ON TECH; NOV**

06:00 UPDATE:: **0000 TO 0600 WAIT ON TECH TO ARIVE; TO FIX TOP DRIVE**REPORT DATE: **1/18/2011**MD: **427.0 (ft)**TVD: **12,443.6 (ft)**DFS: **3.04 (days)**REPORT NO : **13**DOL: **12.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**

MW:

VIS:

DAILY DHC: **19,602.80**CUM DHC: **471,698.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **19,603**CUM TOTAL: **471,698.00**CURRENT STATUS: **AT 0600 FINISHING CHECKS ON TOP DRIVE; PREPAIRING TO TEST BOPS**24 HR FORECAST: **MAKE REPAIRS TO TOP DRIVE; TEST BOPS; PIPE RAMS; ANNULAR; MAKE UP BHA TWO; TRIP IN HOLE; DRILL OUT;**

DAILY OPS: **WAITING ON NOV TECH ARIVE FROM HOUSTON (WAITING TO TEST BOPS); NOV TECH DIAGNOSE PROBLEM; CIRCUIT BOARD; (RTAC CARD 0-1); WAIT ON BOARD TO ARIVE FROM HOUSTON**

06:00 UPDATE:: **0000 TO 0400; WAIT ON ELEC BOARD; 0400 TO 0500; REPAIR TOP DRIVE TEST; 0500 TO 0600; RUN TEST ON TOP DRIVE; WHEN FINISH ; WILL TEST PIPE RAMS; ANNULAR 250 LOW; 1000 HI**

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DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **25,658**CUM TOTAL: **497,355.80**CURRENT STATUS: **DRILLING AT 450'; WOB 10K PSI 1240; RPM 80**24 HR FORECAST: **TRIP IN HOLE; TEST NES TOOL; DRILL OUT PLUG; CEMENT; THROUGH TEXAS SHOE; DRILL FORMATION**

DAILY OPS: WAIT ON ELEC. BOARD; BOARD ARIVED ; NOV TECH INSTALL BOARD; NOV TECH DO TOP
 DRIVE CK'S; TEST BOPS; ANN; 250 LOW; 1000 PSI HI; LD TEST JT; MU BHA #2 BIT PDC;
 Q506FX; MUD MOTOR;SET UP NES TOOL; RUN IN WITH STAND; STOP AT DSA; ND BOPS
 CHANGE SPOOL DSA; TIH

06:00 UPDATE:: **0000 TO 0230 TRIP IN HOLE LAY DOWN TWO DRILLCOLLARS ;TAG CMT 385'; 0230 TO 0300 TEST NEST
 TOOL 0.5 DEG; 0300 TO 0500 DRILL OUT' (NOV HAND TEACHING DRILL TO RUN KEMS) DEPTH AT
 0600; 450'; WOB 10K ;RPM 80; PSI 1250;**

REPORT DATE: **1/20/2011**MD: **1,780.0 (ft)**TVD: **13,796.5 (ft)**DFS: **5.04 (days)**REPORT NO : **15**DOL: **14.00 (days)**24 HR PROG: **1,353.0 (ft)**ROT HRS: **19.50 (hr)**MW: **10.00 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **30,115.80**CUM DHC: **527,471.60**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **30,116**CUM TOTAL: **527,471.60**CURRENT STATUS: **DRLG AT 2030'; WOB 5 TO 10K (RUFF DRILLING TAKE WEIGHT OFF) RPM 60 TO 80; PSI 1850; ROP 36 TO 86' HR; LAS'**24 HR FORECAST: **DRLG INTERMEDIATE 12.25 HOLE**

DAILY OPS: TRIP IN HOLE LAY DOWN TWO DRILLCOLLARS ;TAG CMT 385'; TEST NEST TOOL 0.5 DEG;
 DRILL OUT PLUG; CEMENT; SHOE' (NOV HAND TEACHING DRILL TO RUN KEMS); DRLG TO
 1198'; WOB 10K; RPM 80; PSI 1400; SERVICE RIG; DRLG TO 1780'; LAST SURVEY 1633' INC
 0.25

06:00 UPDATE:: **DRLG FROM 1780' TO 2030'; WOB 5 TO 10K (RUFF DRILLING TAKE WEIGHT OFF) RPM 60 TO 80; PSI
 1850; ROP 36 TO 86' HR; LAST SURVEY 1824' INC .05**

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DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **31,319**CUM TOTAL: **558,790.40**CURRENT STATUS: **DRILLING AT 3250; WOB 15K; RPM 70; PSI 1950'; WOB 15K; RPM 70; PSI 1950' LAST SURVEY 3064'; INC .0.5**24 HR FORECAST: **DRLG INTERMEDIATE 12 .5 HOLE**DAILY OPS: **DRLG TO 1780'; WOB 10K; RPM 80; PSI 1880'; SERVICE RIG; DRLG TO TO 3012'; WOB 15K; RPM 70; PSI 1950' LAST SURVEY 2873'; INC .25**06:00 UPDATE:: **0000 TO 0600; DRILL FROM 3012' TO 3250' WOB 15K; RPM 70; PSI 1950; LAST SURVEY 3064'; INC 0.5; ROP 65**REPORT DATE: **1/22/2011**MD: **3,584.0 (ft)**TVD: **15,600.5 (ft)**DFS: **7.04 (days)**REPORT NO : **17**DOL: **16.00 (days)**24 HR PROG: **572.0 (ft)**ROT HRS: **14.50 (hr)**MW: **9.80 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **30,380.40**CUM DHC: **589,170.80**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **30,380**CUM TOTAL: **589,170.80**CURRENT STATUS: **DRILLING AT 3750' WOB 16; RPM 70; PSI 1850; LAST SURVEY 3540 INC 0.25**24 HR FORECAST: **REPLACE SERVICE LOOP FOR TOP DRIVE; DRLG INTERMEDIATE 12.25 HOLE**DAILY OPS: **DRLG TO 3584'; WOB 15K; RPM 70; PSI 1950'; SURVEY 3453' INC 0.5; WHILE MAKING CONN SERVICE LOOP FOR TOP DRIVE CAUGHT IN DERRICK AND WAS PULLED INTO; CIRCULATE THROUGH SWEDGE; WORK DRILL STRING UP DOWN; WHILE WAITING ON SERVICE LOOP FROM OKLAHOMA CITY**06:00 UPDATE:: **0000 TO 0200 CIRCULATE WAIT ON SERVICE LOOP; 0200 TO 0400 UNCREATE; INSTALL ON TOP DRIVE; 0400 TO 0600 DRLG FROM 3584' TO 3750'; WOB 15K; RPM 80; PSI 1950; SURVEY 3540' 0.25**REPORT DATE: **1/23/2011**MD: **4,233.0 (ft)**TVD: **16,249.5 (ft)**DFS: **8.04 (days)**REPORT NO : **18**DOL: **17.00 (days)**24 HR PROG: **649.0 (ft)**ROT HRS: **19.50 (hr)**MW: **10.20 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **54,193.20**CUM DHC: **643,364.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **54,193**CUM TOTAL: **643,364.00**CURRENT STATUS: **DRILLING AT 4450' WOB 18; RPM 80; PSI 2350; LAST SURVEY 4301' INC 0.25**24 HR FORECAST: **FINISH INTERMEDIATE; CIRCULATE CLEAN HOLE; TRIP OUT HOLE**DAILY OPS: **CIRC THROUGH SWEDGE; WORK DRILL STRING UP/D; WHILE WAITING ON SER LOOP FROM OKLAHOMA CITY; UNCREATED SER LOOP; INSTALL SER LOOP ON TOP DRIVE; DRLG TO 3963'; WOB 15 K; RPM 80; PSI 2000; SER RIG; DRLG TO 4233'; WOB 15K; RPM 80; PSI 2350; SURVEY 4116'; 0.5**06:00 UPDATE:: **0000 TO 0600; DRLG FROM 4233' TO 4450' WOB 18K; RPM 80; PSI 2350; SURVEY 4301' 0.25**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **1/24/2011**MD: **4,765.0 (ft)**TVD: **16,781.4 (ft)**DFS: **9.04 (days)**REPORT NO : **19**DOL: **18.00 (days)**24 HR PROG: **532.0 (ft)**ROT HRS: **22.50 (hr)**MW: **10.20 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **29,478.90**CUM DHC: **672,842.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **29,479**CUM TOTAL: **672,842.90**CURRENT STATUS: **0600 CIRCULATING HOLE CLEAN; PUMP SWEEPS; TD 4845'; INTERMEDIATE 0430 HR 1/25/11**24 HR FORECAST: **FINISH INTERMEDIATE; PUMP SWEEPS; MUD UP; CIRCULATE HOLE CLEAN ; TRIP OUT OF HOLE ; RUN CASING; CEMENT CASING**DAILY OPS: **DRLG TO 4560'; WOB 15 K; RPM 80; PSI 2000; PUMPS DOWN ; REPAIR PUMP2; REPAIR PUMP 1; DRLG TO 4740'; WOB 20K; RPM 85; PSI 1900; HOOK UP FLUID CALIPER TO RUN OATS (FLUID CALIPER 2987 CU FT); DRLG TO 4765'; WOB 20K; RPM 85; PSI 19; SURVEY 4275'; 0.50**06:00 UPDATE:: **0000 TO 0030; RIG DOWN CALIPER TOOL ON MUD LINE; 0030 TO 0430 DRLG TO 4845 WOB 25K; RPM 85; PSI 2000 LASY SURVEY 4818'; INC 0.50; TD 4845'; INTERMEDIATE; 0430 HR 1/25/11; 0430 TO 0600; PUMP SWEEPS ; CIRCULATE CLEAN HOLE**REPORT DATE: **1/25/2011**MD: **4,845.0 (ft)**TVD: **16,861.4 (ft)**DFS: **10.04 (days)**REPORT NO : **20**DOL: **19.00 (days)**24 HR PROG: **80.0 (ft)**ROT HRS: **4.50 (hr)**MW: **10.20 (ppg)**VIS: **35.00 (s/qt)**DAILY DHC: **29,219.40**CUM DHC: **702,062.30**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **29,219**CUM TOTAL: **702,062.30**CURRENT STATUS: **AT; 0600 RUNNING 9.625; CASING**24 HR FORECAST: **RUN CASING; CEMENT CASING; SET SLIPS CUT CASING; INSTALL "B" SECTION; NIPPLE UP BOPS; TEST**DAILY OPS: **DRLG TO 4845'; TD INTER 0430 HR 1/25/11; PUMP SWEEPS ; CIRC CLEAN HOLE; TOH SET BACK 6.25 COLLARS; RIG UP LAY DOWN TRUCK; LAY DOWN 8" DC; BHA NES TOOL; MOTOR; BIT; RIG UIP CSG CREW ;SAFETY MEETING; TRY TO RUN CSG; ELEV; NOT CLOSE; WITH OUT HAMMER;CHANGE**06:00 UPDATE:: **0000 TO 0200; WAIT ON OTHER ELEVATORS; INSTALL ELEVATORS; 0200 TO 0600 ; RUN 9.625 CASING**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **1/26/2011**MD: **4,845.0 (ft)**TVD: **16,861.4 (ft)**DFS: **11.04 (days)**REPORT NO : **21**DOL: **20.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.30 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **222,891.80**CUM DHC: **924,954.10**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **222,892**CUM TOTAL: **924,954.10**CURRENT STATUS: **WORKING ON " B" SECTION ; NIPPLING UP BOPS**24 HR FORECAST: **SET SLIPS ON A SECTION ; INSTALL B SECTION ; NIPPLE UP BOPS ; TEST BOPS; MAKE UP BHA #2 TRIP IN HOLE TO DRILL OUT**DAILY OPS: **WAIT ON ELEVATORS; RUN 9.625 CASING; CEMENT 9.625 CASING; PLUG DOWN 2200 HR 1/26/11; RIG DOWN HALLIBURTON CEMENT HEAD AND LINES; NIPPLE DOWN BOPS; PICK UP TO SET SLIPS**06:00 UPDATE:: **0000 TO 00130; PICK UP STACK SET SLIPS; WITH 224K ON SLIPS CSG STRING WEIGHT; 0000 TO 0600; INSTALL "B" SECTION NIPPLE UP BOPS**REPORT DATE: **1/27/2011**MD: **4,845.0 (ft)**TVD: **16,861.4 (ft)**DFS: **12.04 (days)**REPORT NO : **22**DOL: **21.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **32,326.80**CUM DHC: **957,280.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **32,327**CUM TOTAL: **957,280.90**CURRENT STATUS: **FILLING PIPE TAKING SURVEY**24 HR FORECAST: **TRIP IN HOLE; DRILL OUT PLUG CMT SHOE; DRLG FORMATION; 8 75 HOLE**DAILY OPS: **FINISH ND BOPS; SET SLIPS 224K; CUT OFF 9.625 CSG DRESS; INSTALL "B" SECTION; NU BOPS; INSTALL FLOW LINE; TEST BOP'S 250 LOW; 5000 HIGH; TEST ANN 250 LOW; 2500 PSI HI; PULL TEST PLUG; CHANGE BAILS ELEV; CLEAN PITS; MAKE UP BHA#3; INSTALL WB; TIH**06:00 UPDATE:: **0000 TO 0600 TRIP IN HOLE TO 0000 DEPTH TAG CEMENT; SCREW INTO PIPE BRAKE CIRC**REPORT DATE: **1/28/2011**MD: **5,072.0 (ft)**TVD: **17,088.4 (ft)**DFS: **13.04 (days)**REPORT NO : **23**DOL: **22.00 (days)**24 HR PROG: **227.0 (ft)**ROT HRS: **7.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **32,455.80**CUM DHC: **989,736.70**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **32,456**CUM TOTAL: **989,736.70**CURRENT STATUS: **WAIT ON NOV. PERSONAL; WAIT ON PARTS**24 HR FORECAST: **REPLACE PARTS FIX BRAKES; WORK BUGS OUT OF KEMS SYSTEM TRIP IN HOLE THREE STANDS; GO BACK TO DRILLING**DAILY OPS: **TRIP IN HOLE TAG UP AT 4785'; SCREW INTO PIPE WITH TOP DRIVE; FILL PIPE BRAKE CIRC; TAKE SURVEY 4749'; INC .5; DRILL FROM 4845' TO 5072'; WOB 10 TO 20K; RPM 60 TO 85; PSI 1750; PULL 3 ST INTO CSG CIRC. BTUP; WAIT ON NOV. PERSONAL; WAIT ON PARTS**06:00 UPDATE:: **0000 TO 0600 WAIT ON NOV TECH; WAIT ON EQUIPMENT**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **1/29/2011**MD: **5,172.0 (ft)**TVD: **17,188.4 (ft)**DFS: **14.04 (days)**REPORT NO : **24**DOL: **23.00 (days)**24 HR PROG: **100.0 (ft)**ROT HRS: **3.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **20,997.40**CUM DHC: **1,010,734.10**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **20,997**CUM TOTAL: **1,010,734.10**CURRENT STATUS: **DRILLING AT 5425' WOB 15K; RPM 80; PSI 1500**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: WAITING ON NOV PERSONAL AND PARTS FOR BRAKES; NOV. PERSONAL DISMANTLE
 BREAKS; REBUILD CAILPERS INSTALL NEW BRAKE PADS; DRLG FROM 5072' TO 5172; WOB
 15K; RPM 80; PSI 1450 LAST SURVEY; 5165'; INC 0.75

06:00 UPDATE:: **0000 TO 0600 DRLG TO 5425' WOB 15K; RPM 80; PSI 1500; SURVEY 5267 INC 1.0**REPORT DATE: **1/30/2011**MD: **6,300.0 (ft)**TVD: **18,316.4 (ft)**DFS: **15.04 (days)**REPORT NO : **25**DOL: **24.00 (days)**24 HR PROG: **1,128.0 (ft)**ROT HRS: **23.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **26,431.60**CUM DHC: **1,037,165.70**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **26,432**CUM TOTAL: **1,037,165.70**CURRENT STATUS: **DRILLING AT 6600'; WOB 18K; RPM 70; PSI 1650; LAST SURVEY; 6458; INC 1.0**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: DRLG TO 5550; WOB 15K; RPM 90; PSI 1500; SERVICE RIG; REPLACE DIES IN GRIPPER BOX;
 BACK UP WRENCH OF TOP DRIVE; DRLG FROM 5550 TO 6300'; WOB 15K; RPM 70; PSI 1500;
 SURVEY 6168' INC .25

06:00 UPDATE:: **0000 TO 0600 DRLG FROM 6300' TO 6600'; WOB 17K; RPM 70; PSI 1650 SURVEY 6458' INC 1.0**REPORT DATE: **1/31/2011**MD: **7,313.0 (ft)**TVD: **19,329.3 (ft)**DFS: **16.04 (days)**REPORT NO : **26**DOL: **25.00 (days)**24 HR PROG: **1,013.0 (ft)**ROT HRS: **23.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **29,668.80**CUM DHC: **1,066,834.50**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **29,669**CUM TOTAL: **1,066,834.50**CURRENT STATUS: **DRILLING AT 7630'; WOB 20K; RPM 70; PSI 1500; ROP 50 HR NO LOOSES**24 HR FORECAST: **DRLG FROM 6981' TO 7315'; WOB 20K; RPM 70; PSI 1500; SURVEY 7237'; INC 0.5**

DAILY OPS: DRLG TO 6981'; WOB 20K; RPM 70; PSI 1500; SERVICE RIG; DRLG FROM 6981' TO 7315'; WOB
 20K; RPM 70; PSI 1500; SURVEY 7237'; INC 0.5

06:00 UPDATE:: **0000 TO 0600 DRLG FROM 7313' TO 7630'; WOB 18K; RPM 70; PSI 1650 SURVEY 7426' INC 1.0**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/1/2011**MD: **8,238.0 (ft)**TVD: **20,254.3 (ft)**DFS: **17.04 (days)**REPORT NO : **27**DOL: **26.00 (days)**24 HR PROG: **925.0 (ft)**ROT HRS: **20.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **28,090.20**CUM DHC: **1,094,924.70**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **28,090**CUM TOTAL: **1,094,924.70**CURRENT STATUS: **DRILLING AT 8475'; WOB 15K; RPM 70; PSI 1750**24 HR FORECAST: **DRILL 8.75 HOLE**

DAILY OPS: DRLG FROM 7313' TO 8027; WOB 20K; RPM 70; PSI 1500; SERVICE RIG; DRLG FROM 8027' TO 8216'; WOB 15K; RPM 70; PSI 1700; WORK ON PUMPS; GEN SETS OUT OF TIME; RESINK GEN SETS; DRLG FROM 8216' TO 8238'; WOB 15K; RPM 70; PSI 1700; SURVEY 8185'; INC 0.25

06:00 UPDATE:: **0000 TO 0600; DRLG FROM 8238' TO 8475'; WOB 15K; RPM 70; PSI 1700; SURVEY 8375'; INC 1.25**REPORT DATE: **2/2/2011**MD: **8,493.0 (ft)**TVD: **20,509.2 (ft)**DFS: **18.04 (days)**REPORT NO : **28**DOL: **27.00 (days)**24 HR PROG: **255.0 (ft)**ROT HRS: **10.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **28,683.20**CUM DHC: **1,123,607.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **28,683**CUM TOTAL: **1,123,607.90**CURRENT STATUS: **AT 0600 WAITING ON TOOLS**24 HR FORECAST: **TRIP IN HOLE WITH FISHING TOOLS; LATCH FISH TRIP OUT HOLE**

DAILY OPS: DRLG FROM 8238' TO 8493'; WOB 15K; RPM 70; PSI 1700; SURVEY 8467' INC 1.25; PREP RIG FOR TRIP OUT ; BLOW DOWN LINES; BLOW DOWN TOP DRIVE; CLEAR ALL LINES OF FRESH WATER ; PRIOR TO TRIP; TRIP OUT OF HOLE FOR MOTOR STALLING OU

06:00 UPDATE:: **0000 TO 0200 TRIP OUT HOLE; LEFT BIT & 8.07 FEET OF MOTOR IN HOLE 0200 TO 0600 WAITING ON FISHING TOOLS**REPORT DATE: **2/3/2011**MD: **8,493.0 (ft)**TVD: **20,509.2 (ft)**DFS: **19.04 (days)**REPORT NO : **29**DOL: **28.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **25,144.00**CUM DHC: **1,148,751.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **25,144**CUM TOTAL: **1,148,751.90**CURRENT STATUS: **TRIPPING IN HOLE WITH FISHING TOOLS**24 HR FORECAST: **FINISH REPAIRS ON HIGH DRUM CLUTCH; TRIP IN HOLE; WASH LATCH FISH; TRIP OUT OF HOLE**

DAILY OPS: WAIT ON FISHING TOOLS; UNLOAD; PU / MU FISHING TOOLS OVERSHOT; TROUBLE SHOOT WHY TOOLS WOULD NOT GO THROUGH STACK BLIND RAMS NOT OPENING ALL THE WAY; ICE BUILD UP; TIH, WITH FISHING TOOLS; REPAIR AIR LINE ON HIGH DRUM CLUTCH;R/P BROKE QUICK RELEASE TUBS

06:00 UPDATE:: **0000 TO 0300; REPAIR HIGH DRUM CLUTCH; 0300 TO 0600 TRIPPING IN HOLE; (NOTHING FROZE UP STILL CIRCULATING EVERYTHING)**

Chronological Report

REGION: PERMIAN
OPERATED

EVENT: LAND-ORIG DRLG

WELL NAME: UNIVERSITY EX 2 SWD

OPERATOR: APACHE CORPORATION

FIELD: BLOCK 06, NE

COUNTY: ANDREWS

FORMATION: ELLENBURGER

APA WI%: 100.00000 (%)

LOCATON: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: ANDREWS - TX NCZ

STATE: TEXAS

CONTRACTOR: UNION DRILLING 224

PLAN DEPTH: 13,700.0 (ft)

SPUD DATE: 1/15/2011

REPORT DATE: 2/4/2011

MD: 8,493.0 (ft)

TVD: 20,509.2 (ft)

DFS: 20.04 (days)

REPORT NO : 30

DOL: 29.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS: 0.00 (hr)

MW: 8.49 (ppg)

VIS: 28.00 (s/qt)

DAILY DHC: 28,940.10

CUM DHC: 1,177,692.00

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: 28,940

CUM TOTAL: 1,177,692.00

CURRENT STATUS: AT 0600 JARING ON FISH

24 HR FORECAST: TRIP IN HOLE ; LATCH FISH; TRIP OUT HOLE;

DAILY OPS: REPAIR HIGH DRUM; TIH; ASTABLISH CIRCULATION ATTEMP TO LATCH FISH; BLOW DOWN TOP DRIVE; CLEAR LINES AND KELLY HOSE OF FRESH WATER; TOH; WRONG SIZE GRAPPLE; 6 5/8" GRAPPLE TO SMALL; CHANGE TO 6 3/4" GRAPPLE; REPAIR DRUM WATER LINE;DRAIN PUMP 1; TIH

06:00 UPDATE:: 0000 TO 0200 TRIP IN HOLE 0200 TO 0300 FILL KELLY TOP DRIVR BREAK CIRCULATION TIH LAST STAND SCREW IN BREAK CIRCULATION; 0300 TO 0330 LATCH FISH; 0330 TO 0600 JAR ON FISH

REPORT DATE: 2/5/2011

MD: 8,493.0 (ft)

TVD: 20,509.2 (ft)

DFS: 21.04 (days)

REPORT NO : 31

DOL: 30.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS: 0.00 (hr)

MW: 8.40 (ppg)

VIS: 28.00 (s/qt)

DAILY DHC: 48,189.00

CUM DHC: 1,225,881.00

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: 48,189

CUM TOTAL: 1,225,881.00

CURRENT STATUS: TRIPPING OUT OF HOLE

24 HR FORECAST: TRIP IN HOLE WITH DRILL PIPE; SET CEMENT PLUG; TRIP OUT OFF HOLE; WAIT ON CEMENT

DAILY OPS: TIH TO 8459'; FILL KELLY HOSE TOP DRIVE BREAK CIRC; SCREW IN TO LAST STAND; BREAK CIRC; LATCH FISH ; JAR ON FISH; LOST LATCH PUMP PRESSURE; TOH; OVER SHOT PARTED ABOVE GRAPPLE; WAIT ON 3.5 DRILLPIPE; UNLOAD STRAP TIH 3.5 DRILL PIPE; TIH W/ DP DERRICK

06:00 UPDATE:: 0000 TO 0300 TRIP IN HOLE WITH DRILL PIPE; 0300 TO 0430 BREAK CIRCULATION ; CIRCULATE BOTTOMS UP; 0430 TO 00530 SET CEMENT PLUG ; 0530 TO 00600 TRIP OUT OF HOLE

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/6/2011**MD: **8,493.0 (ft)**TVD: **20,509.2 (ft)**DFS: **22.04 (days)**REPORT NO : **32**DOL: **31.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.50 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **42,826.00**CUM DHC: **1,268,707.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **42,826**CUM TOTAL: **1,268,707.00**CURRENT STATUS: **WAITING ON NOV PERSONAL TO REPAIR GRIPPER**24 HR FORECAST: **REPAIR GRIPPER; TRIP IN HOLE ; TAG CMT ; TEST CEMENT PLUG**

DAILY OPS: TIH; W DRILL PIPE; CIRC BOTTOMS UP; SET CEMENT PLUG;FROM 8475 TO 7916'; TOH; LAY
 DOWN 3.5" DRILL PIPE; SERVICE RIG; TRIP CK COLLARS; TRIIP OUT COLLARS; MAKE UP BIT
 VAREL 537; TRIP IN HOLE TO 4776'; WOC; HANG BLOCKS TOP DRIVE; SLIP CUT DRILLING
 LINE; WOC

06:00 UPDATE:: **WOC // 0000 TO 0200 SLIP CUT DRILLING LINE; 0200 TO 0600 WOC ;WAIT ON NOV PERSONAL**REPORT DATE: **2/7/2011**MD: **8,493.0 (ft)**TVD: **20,509.2 (ft)**DFS: **23.04 (days)**REPORT NO : **33**DOL: **32.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **28.00 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **19,537.60**CUM DHC: **1,288,244.60**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **19,538**CUM TOTAL: **1,288,244.60**CURRENT STATUS: **WAITING ON TOP DRIVE PARTS**

24 HR FORECAST: **FINISH REPAIRS ON TOP DRIVE; TRIP IN TO TOP OF CEMENT; TEST DRESS OFF TOP OF CEMENT;
 FOR SIDE TRACK; TRIP OUT OF HOLE**

DAILY OPS: FINISH SLIP CDL; DRILL STRING SETTING 100' INSIDE CASING SHOE; WAIT ON NOV TECH;
 TOP DRIVE DOWN DUE TO GRABBER BEING OUT OF ALIGNMENT;TROUBLE SHOOT TOP
 DRIVE; SABER SUB SNAP INTO DROP DOWN 1.5" HELD TOGETHER BY COMPRESSION
 CLAMP; WAITING ON PARTS

06:00 UPDATE:: **0000 TO 0600; WAITING ON TOP DRIVE PARTS TO REPAIR TOP DRIVE**

Chronological Report

REGION: PERMIAN
OPERATED

EVENT: LAND-ORIG DRLG

WELL NAME: UNIVERSITY EX 2 SWD

OPERATOR: APACHE CORPORATION

FIELD: BLOCK 06, NE

COUNTY: ANDREWS

FORMATION: ELLENBURGER

APA WI%: 100.00000 (%)

LOCATON: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: ANDREWS - TX NCZ

STATE: TEXAS

CONTRACTOR: UNION DRILLING 224

PLAN DEPTH: 13,700.0 (ft)

SPUD DATE: 1/15/2011

REPORT DATE: 2/8/2011

MD: 8,493.0 (ft)

TVD: 20,509.2 (ft)

DFS: 24.04 (days)

REPORT NO : 34

DOL: 33.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS: 0.00 (hr)

MW: 8.40 (ppg)

VIS: 28.00 (s/qt)

DAILY DHC: 22,155.80

CUM DHC: 1,310,400.40

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: 22,156

CUM TOTAL: 1,310,400.40

CURRENT STATUS: BRAKING CIRCULATION GETTING READY TO DRESS OFF PLUG

24 HR FORECAST: FINISH REPAIRING BRAKE WATER; TRIP IN HOLE TAG CMT; DRESS CEMENT TOP; CIRCULAT HOLE
CLEAN; TRIP OUT OF HOLEDAILY OPS: WAITING ON PARTS TO REPAIR TOPDRIVE; INSPECT SUBS TOP DRIVE QUILE; ALL OK;
INSTALL VALVES AND SUBS; NEW COMPRESSION CLAMPS; TORQUE BOLTS ON CLAMPS;
FUNCTION TEST TOP DRIVE; TIH 7 STANDS; BRAKES GETTING WET; REPAIR BRAKE
WATER HOSE

06:00 UPDATE:: 0600 UPDATE; REPAIR BRAKES, ; TRIP TO 8042' ; FILL PIPE BREAK CIRC ; NO SEEPAGE NO SPILS

REPORT DATE: 2/9/2011

MD: 8,493.0 (ft)

TVD: 20,509.2 (ft)

DFS: 25.04 (days)

REPORT NO : 35

DOL: 34.00 (days)

24 HR PROG: 0.0 (ft)

ROT HRS: 4.50 (hr)

MW: 8.40 (ppg)

VIS: 28.00 (s/qt)

DAILY DHC: 28,677.70

CUM DHC: 1,339,078.10

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: 28,678

CUM TOTAL: 1,339,078.10

CURRENT STATUS: MAKING UP BHA #6 SIDE TRACK

24 HR FORECAST: TRIP OUT OF HOLE; PICK UP MAKE UP BHA#6; TIH SIDE TRACK AROUND FISH

DAILY OPS: REPAIR WATER LINE DRUM; TIH; TAG CMT 8042';EST CIRC; THAW OUT LOW DRUM; DRESS
OFF CMT TO 8175';CIRC CLEAN HOLE; BLOW DOWN TOP DRIVE STAND PIPE; TRIP 6
STANDS; INSPECT A MOTOR INPUT SHAFT SNAPED INTO; WAIT ON MECH TO COME
REPAIR DRAWWORKS; REPAIR DRAWWORKS

06:00 UPDATE:: 0600 UPDATE; REPAIR DRAWWORKS, ; TRIP OUT OF HOLE' ; NO SEEPAGE NO SPILS

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/10/2011**MD: **8,493.0 (ft)**TVD: **20,509.2 (ft)**DFS: **26.04 (days)**REPORT NO : **36**DOL: **35.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **6,885.75**CUM DHC: **1,345,963.85**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **6886**CUM TOTAL: **1,345,963.85**CURRENT STATUS: **NEED TO LOOK AT THE DAILY OPS REPORT THAT IS CONNECTED TO THE SIDETRACK (UNIVERSITY EX 2 SWD ST)**24 HR FORECAST: **NEED TO LOOK AT THE DAILY OPS REPORT THAT IS CONNECTED TO THE SIDETRACK (UNIVERSITY EX 2 SWD ST)**DAILY OPS: **FINISH REPARING INPUT SHAFT DRAWWORKS MOTOR A; BLOW DOWN TOP DRIVE; STAND PIPE ; CIRCULATE WELL BORE WITH PUMP 1 THROUGH FILL UP LINE; TRIP OUT OF HOLE SET ON BANK ; BRAKE OFF BIT BIT SUB; LAY DOWN**06:00 UPDATE:: **NEED TO LOOK AT THE DAILY OPS REPORT THAT IS CONNECTED TO THE SIDETRACK (UNIVERSITY EX 2 SWD ST)**REPORT DATE: **2/10/2011**MD: **8,175.0 (ft)**TVD: **0.0 (ft)**DFS: **26.04 (days)**REPORT NO : **37**DOL: **35.00 (days)**24 HR PROG: **8,175.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **39,776.85**CUM DHC: **1,385,740.70**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **39,777**CUM TOTAL: **1,385,740.70**CURRENT STATUS: **BUILDING TROUGH TO TIME DRILL**24 HR FORECAST: **FINISH BRAKE WATER LINES DRAWWORKS; FINISH TRIP IN HOLE; SIDE TRACK WELL**DAILY OPS: **MAKE UP BHA #6 SIDE TRACK; SERVICE RIG; REPAIR MUD PUMP 1; CHANGE SWAB; LINER GASKET SLOT #3; TIH; FILL DRAWWORKS BRAKE WATER COOLING TANK; TIH; POSTION SERVICE LOOP; TIH TO 4950' BRAKE ROTOR GETTING WET; REMOVE ALL HOSE TAKE TO PRECISION HYD; RE-INSTALL**06:00 UPDATE:: **0600 UPDATE; REPAIR DRAWWORKS, ; TRIP IN OF HOLE' ; BLACK OUT ; TRIP IN HOLE ; FILL PITS ; SIDE TRACK ; NO SEEPAGE NO SPILS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/11/2011**MD: **8,175.0 (ft)**TVD: **0.0 (ft)**DFS: **27.04 (days)**REPORT NO : **38**DOL: **36.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **30,445.80**CUM DHC: **1,416,186.50**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **30,446**CUM TOTAL: **1,416,186.50**CURRENT STATUS: **PULLING DRUM FROM DRAWWORKS**24 HR FORECAST: **WORK ON DRAWWORKS REPAIR WATER LEAK**

DAILY OPS: INSTALING BRAKE WATER HOSES ON DW; TIH; BLACK OUT; TIH; FILL PITS CIRC; TIH;
 ESTABLISH CIRC; WASH REAM TO 8175; ORIENTATE MWD TOOLS; TROUBLE SHOOT MWD
 EQUIPMENT; TOOLS FAILED; TOH; CHANGE OUT TOOLS TEST; MAKE UP BIT TIH TO 2500';
 PULL DRUM IN DRAWWORKS

06:00 UPDATE:: **0600 UPDATE; REPAIR DRAWWORKS, ; NO SEEPAGE NO SPILS**REPORT DATE: **2/12/2011**MD: **8,175.0 (ft)**TVD: **0.0 (ft)**DFS: **28.04 (days)**REPORT NO : **39**DOL: **37.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**

MW:

VIS:

DAILY DHC: **24,974.30**CUM DHC: **1,441,160.80**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **24,974**CUM TOTAL: **1,441,160.80**CURRENT STATUS: **PUTTING GAURDS ON DRAWWORKS MAKING CHECKS ON DRAWWORKS; FILLING BRAKE WATER SYSTEM NOT HOL**24 HR FORECAST: **CONTUINE WORK ON DRAWWORKS**

DAILY OPS: REMOVE DRUM FROM DRAWWORKS; REPLACE BRAKE ROTORS BOTH SIDES; REINSTALL
 DRUM DRAWWORKS

06:00 UPDATE:: **0600 UPDATE; REPAIR DRAWWORKS ; REPLACE BRAKE ROTORS, ; NO SEEPAGE NO SPILS**REPORT DATE: **2/13/2011**MD: **8,188.0 (ft)**TVD: **13.0 (ft)**DFS: **29.04 (days)**REPORT NO : **40**DOL: **38.00 (days)**24 HR PROG: **13.0 (ft)**ROT HRS: **8.50 (hr)**MW: **8.40 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **31,092.50**CUM DHC: **1,472,253.30**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **31,093**CUM TOTAL: **1,472,253.30**CURRENT STATUS: **TIME DRILLING AT 8192' ; 5 MIN INCH; WOB 0K; PSI 1000; BIT RPM 100; GPM 350**24 HR FORECAST: **FINISH TIME DRILLING; DRLG ROTATING & SLIDEING**

DAILY OPS: FINISH REPAIRS ON BRAKE ROTORS ADJUST BRAKES; TIH 5120' TEST MWD; TIH TO 8169';
 BREAK CIRC; BUID TROUGH SLIDE FROM 8175' TO 8185'; SER RIG; WORK WORK TROUGH
 IN; TIME DRILL 5 MIN INCH; WOB 0 K; PSI 1000; BIT RPM 100; GPM 350

06:00 UPDATE:: **0600 UPDATE; TIME DRILL AT 8192' ; 5MIN INCH ; BIT RPM 102 ; GPM 350 ; PSI 1000 ; NO SEEPAGE
 NO SPILS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/14/2011**MD: **8,240.0 (ft)**TVD: **65.0 (ft)**DFS: **30.04 (days)**REPORT NO : **41**DOL: **39.00 (days)**24 HR PROG: **52.0 (ft)**ROT HRS: **18.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **31,147.60**CUM DHC: **1,503,400.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **31,148**CUM TOTAL: **1,503,400.90**CURRENT STATUS: **MAKING UP MOTOR 2'12**24 HR FORECAST: **TRIP OUT ; CHANGE MOTOR SETTING; TRIP IN HOLE; TIME DRILL**

DAILY OPS: TIME DRLGTO 8194'; DRLG ROTATE TO 8231'; TIME DRLG TO 8240'; 5 MIN INCH; WOB 0K;
 PSI 1000; BIT RPM 100; GPM 350; CIRCULATING WAITING ON CREW HANDS & ELECTRICIAN;
 TRIP OUT OF HOLE; TO CHANGE MOTOR SETTING; FROM 1.78 TO 2.12

06:00 UPDATE:: **0600 UPDATE; TRIP OUT HOLE ; LAY DOWN MOTOR 1.78 ; MOTOR 2.12 COMING FROM MIDLAND BE
 HERE BY 0600 ; NO SEEPAGE NO SPILS**

REPORT DATE: **2/15/2011**MD: **8,240.0 (ft)**TVD: **65.0 (ft)**DFS: **31.04 (days)**REPORT NO : **42**DOL: **40.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **33,843.50**CUM DHC: **1,537,244.40**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **33,844**CUM TOTAL: **1,537,244.40**CURRENT STATUS: **WAITING ON ELECTRICIAN**24 HR FORECAST: **TRIP IN HOLE; WASH TO BOTTOM; TIME DRILL KICK OFF**

DAILY OPS: TOH TO CHANGE MOTOR SETTINGS; PULL MWD TOOLS ; CANNOT BREAK MOTOR; LAY
 DOWN; WAIT ON MOTOR; MAKE UP MOTOR #2 TEST; OK; WASH PIPE LEAKING; REMOVE
 QUICK CHANGE ASSEMBLY; REPAIR TOP PACKING RING; REASSEMBLE; MAKE UP BIT TRIP
 IN HOLE

06:00 UPDATE:: **0600 UPDATE; TRIP IN HOLE ; TEST MWD BELOW SHOE ; TRIP IN HOLE ; WASH TO BOTTOM
 ORENTATE TOOLFACE ; PULL UP CIRC ' WAIT ON ELECTRICIAN ; NO SEEPAGE NO SPILS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/16/2011**REPORT NO : **43**MD: **8,246.0 (ft)**TVD: **71.0 (ft)**DFS: **32.04 (days)**DOL: **41.00 (days)**24 HR PROG: **6.0 (ft)**ROT HRS: **9.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **31,881.20**CUM DHC: **1,569,125.60**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **31,881**CUM TOTAL: **1,569,125.60**CURRENT STATUS: **TIME DRILLING AT 8249'; WOB 0K; BIT RPM 105; GPM 355; PSI 1050 4849' SAMPLE 40% CEMENT 60% FORMATION**24 HR FORECAST: **REPLACE PLUG ON DOG HOUSE FOR TOP DRIVE CONTROLLER POWER; TIME DRLG**

DAILY OPS: **TIH TO 541'; TEST MWD AT SHOE; OK; TIH TO 8173'; FILL PIPE ORIENT TOOL FACE; WASH 60' TO 8240'; REPAIR PLUG FOR TD; TIME DRILL TO 8245'; WAIT ON NEW PLUG; SLIDE DRLG TO 8246; RESET POWER; SLIDE DRILL TO 8246.5'; REPLACE PLUG ON DOG HOUSE F/ TOP DRIVE POWER**

06:00 UPDATE:: **0600 UPDATE; REPLACE PLUG ON DOG HOUSE FOR TOP DRIVE POWER CONTROLLER ; TIME DRILL ; NO SEEPAGE NO SPILS**

REPORT DATE: **2/17/2011**REPORT NO : **44**MD: **8,271.0 (ft)**TVD: **96.0 (ft)**DFS: **33.04 (days)**DOL: **42.00 (days)**24 HR PROG: **25.0 (ft)**ROT HRS: **22.50 (hr)**MW: **8.50 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **34,016.70**CUM DHC: **1,603,142.30**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **34,017**CUM TOTAL: **1,603,142.30**CURRENT STATUS: **8276' SLIDE DRILLING LAST SAMPLE 40% CMT; 40% SH; 20% LS**24 HR FORECAST: **FINISH KICKING OFF; TRIP OUT OF HOLE ; CHANGE MOTORS; TRIP IN HOLE**

DAILY OPS: **FINISH REPLACE PLUG FOR TOP DRIVE; CONTROLLER POWER; SLIDE DRLG FROM 8246' TO 8271'; WOB 0K; BIT RPM 103; GPM 355; LAST SAMPLE 50% CMT 30% SH 20% LS**

06:00 UPDATE:: **0600 UPDATE; REPLACE PLUG ON DOG HOUSE FOR TOP DRIVE POWER CONTROLLER ; TIME DRILL ; NO SEEPAGE NO SPILS**

REPORT DATE: **2/18/2011**REPORT NO : **45**MD: **8,280.0 (ft)**TVD: **105.0 (ft)**DFS: **34.04 (days)**DOL: **43.00 (days)**24 HR PROG: **9.0 (ft)**ROT HRS: **12.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **39,686.60**CUM DHC: **1,642,828.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **39,687**CUM TOTAL: **1,642,828.90**CURRENT STATUS: **SLIDE DRILL TO 8287'; BIT RPM 103; GPM 355; PSI 1000; SAMPLE 90% SH 10% CMT ; NO SEEPAGE; NO SPILLS**24 HR FORECAST: **SLIDE DRILL; FINISH KICK OFF; TRIP OUT HOLE TO CHANGE MOTORS**

DAILY OPS: **SLIDE DRILL TO 8280'; TOH TO CHANGE MOTORS; LD MOTOR 2.12; PICKUP MOTOR 2.5 SCRIBE; LOAD MWD TOOLS TEST; TIH TO 5405' TEST TOOLS; TIH TO 8073'; ORIENT TOOL FACE; WASH 207' TO 8280'; SLIDE DRILL TO 8282'; BIT RPM 103; PSI 1000; SAMPLE 40% CMT; 40 SH; 20%LS**

06:00 UPDATE:: **0600 UPDATE; TIME DRILL ; TO 8287' ; SAMPLE 90% SHALE 10% CMT ; NO SEEPAGE NO SPILLS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/19/2011**MD: **8,384.0 (ft)**TVD: **209.0 (ft)**DFS: **35.04 (days)**REPORT NO : **46**DOL: **44.00 (days)**24 HR PROG: **104.0 (ft)**ROT HRS: **14.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **32,661.60**CUM DHC: **1,675,490.50**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **32,662**CUM TOTAL: **1,675,490.50**CURRENT STATUS: **DRLG SLIDE / ROTATING AT 8485'; WOB 20K; RPM 38; PSI 1200; SURVEY 8408' INC 2.4; AZM 185**24 HR FORECAST: **DRILL PAST FISH ; TRIP OUT OF HOLE LAY DOWN SIDE TRACK BHA; MAKE UP BHA 8 TRIP IN HOLE**

DAILY OPS: TIME DRLG TO 8291'; TOH; LAYDOEN 2.5 MOTOR; PICK UP 1.78 MOTOR; LOAD MWD TOOLS;
 TEST; TIH TO 5420' TEST MWD TOOLS; TIH TO 8410'; ORIENTATE TOOL FACE W&R WITH
 BIT TO BOTTOM; 8291'; SLIDE DRILL ROTATE TO 8384'; WOB 10/15K; RPM 40; SURVEY 8313'
 2.2 AZM 198

06:00 UPDATE:: **0600 UPDATE; SLIDE / ROTATE DRILG ; TO 8485' ; SURVEY AT 8440 INC 2.2 AZM 189.2 ; NO
 SEEPAGE NO SPILLS**

REPORT DATE: **2/20/2011**MD: **8,535.0 (ft)**TVD: **360.0 (ft)**DFS: **36.04 (days)**REPORT NO : **47**DOL: **45.00 (days)**24 HR PROG: **151.0 (ft)**ROT HRS: **9.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **42,813.70**CUM DHC: **1,718,304.20**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **42,814**CUM TOTAL: **1,718,304.20**CURRENT STATUS: **DRLG TO 8622 ; RUNNING WIRE LINE CHECK SHOT AT 8565'**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: DRLG TO 8520'; TOH LAY DOWN DIRECTIONAL TOOLS; PU BHA#12; SMITH PDC; BAKER
 MOTOR; NES TOOL; STB; DRILL COLLAR; STB; 17 DRILL COLLARS; TEST NES TOOL MOTOR;
 TIH TO 5403'; TEST NES; TIH TO JUST INSIDE SIDE TRACK 8287'; WASH REAM TO 8520';
 DRLG TO 8535'

06:00 UPDATE:: **0600 UPDATE; DRILG ; TO 8622' ; TAKING WIRE LINE SURVEY CHECK SHOT ; NO ACCIDENTS NO
 SEEPAGE NO SPILLS**

REPORT DATE: **2/21/2011**MD: **8,762.0 (ft)**TVD: **587.0 (ft)**DFS: **37.04 (days)**REPORT NO : **48**DOL: **46.00 (days)**24 HR PROG: **227.0 (ft)**ROT HRS: **22.00 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **25,961.10**CUM DHC: **1,744,265.30**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **25,961**CUM TOTAL: **1,744,265.30**CURRENT STATUS: **DRILLING AT 8839'; WOB 10 TO 12K; RPM 45; PSI 1550; FPH 8' / 15'**24 HR FORECAST: **DRLG 8 3/4" HOLE ; WIRE LINE SURVEYS**

DAILY OPS: DRLG TO 8622'; WIRE LINE SURVEY 8565'; INC 2.9; DRLG TO 8692'; WIRE LINE SURVEY
 8660'; INC 2.2; DRLG TO 8762'; WOB 8K; RPM 45; PSI 1550

06:00 UPDATE:: **DRILG ; TO 8839' ; SURVEY 8660 2.2 ; NO ACCIDENTS NO SEEPAGE NO SPILLS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/22/2011**REPORT NO : **49**MD: **8,893.0 (ft)**TVD: **718.0 (ft)**DFS: **38.04 (days)**DOL: **47.00 (days)**24 HR PROG: **131.0 (ft)**ROT HRS: **9.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **36,660.80**CUM DHC: **1,780,926.10**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **36,661**CUM TOTAL: **1,780,926.10**CURRENT STATUS: **TRIPPING IN HOLE AT 4200'**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: DRLG TO 8883'; SER RIG; DRLG TO 8893'; CIRC. CHECK SURFACE EQUIPMENT; PUMP SOFT LINE; PSI INCREASE 1210 STROKS; TOH; LAY DOWN FAILD MOTOR; MAKE UP NEW MOTOR BAKER BIT; TRIP CHECK DRILL COLLARS IN HOLE; CHECK STB.

06:00 UPDATE:: **TEST NES 690' .5 ; SLIP CUT DRILLING LINE ; TIH AT 4200' ; NO ACCIDENTS NO SEEPAGE NO SPILLS**

REPORT DATE: **2/23/2011**REPORT NO : **50**MD: **9,270.0 (ft)**TVD: **1,095.0 (ft)**DFS: **39.04 (days)**DOL: **48.00 (days)**24 HR PROG: **377.0 (ft)**ROT HRS: **14.50 (hr)**MW: **8.30 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **35,762.10**CUM DHC: **1,816,688.20**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **35,762**CUM TOTAL: **1,816,688.20**CURRENT STATUS: **DRILLING AT 9460' WOB 16 K; RPM 35; PSI 1750 ; TORQUE 6000 TO 8200 DRILLING; DRAG 273K UP ; DOWN 260K R**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: FILL BHA CIRC; TEST NES TOOL; OK .5; SLIP CUT DRILLING LINE; TIH TO 5043'; TEST NES TOOL 8215'; INC 2.5; TIH TO 8825'; TEST NES TOOL 8788'; INC 1.5; WASH REAM TO 8893'; DRLG TO 9270'; WOB 15K; RPM 35; PSI 1800; TORQUE 6 TO 8K SURVEY 9245' 1.0

06:00 UPDATE:: **DRLG TO 9460' ; SURVEY 9417' ; INC 1.0 ; NO ACCIDENTS NO SEEPAGE NO SPILLS**

REPORT DATE: **2/24/2011**REPORT NO : **51**MD: **9,644.0 (ft)**TVD: **1,469.0 (ft)**DFS: **40.04 (days)**DOL: **49.00 (days)**24 HR PROG: **374.0 (ft)**ROT HRS: **11.50 (hr)**MW: **8.40 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **28,087.80**CUM DHC: **1,844,776.00**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **28,088**CUM TOTAL: **1,844,776.00**CURRENT STATUS: **DRILLING AT 9840'; WOB 16 K; RPM 35; PSI 1800 ; TORQUE 6000 TO 8200; DRILLING; DRAG 277K UP ; DOWN 270K F**24 HR FORECAST: **DRLG 8 75 HOLE**

DAILY OPS: DRLG TO 9644'; WOB 15K; RPM 35; PSI 1800; TORQUE 6 TO 8k; SERVICE RIG; ON CONN PULL 42 PIN SERVICE LOOP INTO; WAIT ON NEW SERVICE LOOP; INSTALL SERVICE LOOP FOR TOP DRIVE; TEST

06:00 UPDATE:: **DRLG TO 9840' ; SURVEY 9710' ; INC .25 ; NO ACCIDENTS NO SEEPAGE NO SPILLS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/25/2011**MD: **10,186.0 (ft)**TVD: **2,011.0 (ft)**DFS: **41.04 (days)**REPORT NO : **52**DOL: **50.00 (days)**24 HR PROG: **542.0 (ft)**ROT HRS: **23.50 (hr)**MW: **8.50 (ppg)**VIS: **28.00 (s/qt)**DAILY DHC: **40,096.20**CUM DHC: **1,884,872.20**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **40,096**CUM TOTAL: **1,884,872.20**CURRENT STATUS: **CONTROL DRLG TO 10,255'; WOB 8K; RPM 45; PSI 1800; SURVEY 10,180; INC 2.25 NO FLOW ; NO ACCIDENTS NOSE**24 HR FORECAST: **DRLG 8.75 HOLE**DAILY OPS: **DRLG TO 10,025 ' ; WOB 16K; RPM 35; PSI 1850; CONTROL DRLG TO 10,121'; WOB 5K; RPM 45; 1750; SERVIVE RIG; CONTROL DRLG TO 10,186'; WOB 8K; RPM 45; PSI 1800; SURVEY 10,077; INC 1.75**06:00 UPDATE:: **DRLG TO 10,255' ; SURVEY 10,180' ; INC 2.25 ; NO ACCIDENTS NO SEEPAGE NO SPILLS NO FLOW LAST CONN**REPORT DATE: **2/26/2011**MD: **10,460.0 (ft)**TVD: **2,285.0 (ft)**DFS: **42.04 (days)**REPORT NO : **53**DOL: **51.00 (days)**24 HR PROG: **274.0 (ft)**ROT HRS: **20.50 (hr)**MW: **8.50 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **24,147.00**CUM DHC: **1,909,019.20**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **24,147**CUM TOTAL: **1,909,019.20**CURRENT STATUS: **CONTROL DRLG TO 10,520'; WOB 5K; RPM 48; PSI 1800; GPM 481; SURVEY 10,465; INC 2.50 NO FLOW ; NO ACCIDENT**24 HR FORECAST: **DRLG 8.75 HOLE; MUD UP 10,500**DAILY OPS: **CONTROL DRLG TO 10,311'; WOB 5K; RPM 45; PSI 1750; SER RIG; CONTROL DRLG TO 10,412'; WOB 5K; RPM 45; PSI 1750; BLACK OUT; RESTART RIG ; RESET TD; DRLG TO 10,425'; RESET TD; DRLG TO 10,455'; RESER KEM'S; CONTROL DRLG TO 10,460' WOB 5K; RPM 48; PSI 1800**06:00 UPDATE:: **DRLG TO 10,520' ; SURVEY 10,465' ; INC 2.50 ; NO ACCIDENTS NO SEEPAGE NO SPILLS NO FLOW**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **2/27/2011**REPORT NO : **54**MD: **10,647.0 (ft)**TVD: **2,472.0 (ft)**DFS: **43.04 (days)**DOL: **52.00 (days)**24 HR PROG: **187.0 (ft)**ROT HRS: **13.50 (hr)**MW: **8.50 (ppg)**VIS: **29.00 (s/qt)**DAILY DHC: **28,734.10**CUM DHC: **1,937,753.30**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **28,734**CUM TOTAL: **1,937,753.30**CURRENT STATUS: **CHANGING IBOP VALVE; SURVEY 10,608'; INC 2.50 NO FLOW ; NO ACCIDENTS NOSEEPAGE NO SPILLS**24 HR FORECAST: **FINISH CHANGING IBOP VALVE; DRLG 8.75 HOLE**

DAILY OPS: CONTROL DRLG TO 10,647' WOB 5K; RPM 48; PSI 1800; SURVEY 10,608'; INC 2.5; PULL TWO STANDS INSTALL CIRC SWEDGE; CIRCULATE WHILE REMOVING IBOP VALVE; E VAC RIG SIGHT; DUE TO LARGE GRASS FIRE COMING TO AND AROUND RIG; CHANGE OUT IBOP VALVE; ON TOP DRIVE

06:00 UPDATE:: **DRLG TO 10,647' ; SURVEY 10,608' ; INC 2.5 ; EVAC RIG GRASS FIRE ; CHANGE IBOP VALVE ; NO ACCIDENTS NO SEEPAGE NO SPILLS NO FLOW**

REPORT DATE: **2/28/2011**REPORT NO : **55**MD: **10,700.0 (ft)**TVD: **2,525.0 (ft)**DFS: **44.04 (days)**DOL: **53.00 (days)**24 HR PROG: **53.0 (ft)**ROT HRS: **3.50 (hr)**MW: **8.70 (ppg)**VIS: **34.00 (s/qt)**DAILY DHC: **33,520.10**CUM DHC: **1,971,273.40**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **33,520**CUM TOTAL: **1,971,273.40**CURRENT STATUS: **TRIPPING IN HOLE AT 1543' CHECKING PRESSURE EVERY 20 STANDS**24 HR FORECAST: **TRIP IN HOLE ; DRLG 8.75 HOLE**

DAILY OPS: CHANGE OUT IBOP VALVE; ON TD; WASH REAM 137' TO 10,647'; CONT. DRLG TO 10,700'; WOB 5K; RPM 48; PSI 1800 ;SURVEY 10,608'; INC 2.5; LOST 450 PSI ; CK SURFACE EQT ; PUMPS 1&2; PUMP SOFT LINE; PSI INCREASE; 1,320 ST; TOH TO 1435'; TROUBLE SHOOT ST80; TOH

06:00 UPDATE:: **TRIP OUT OF HOLE ; LAY DOWN MOTOR PICK UP BACK UP ; CHANGE OUT TRANSMISSION ON ST80 ; MAKE UP BHA 14 TIH ; TEST NES TOOL CHECK PRESSURE ; NO ACCIDENTS NO SEEPAGE NO SPILLS NO FLOW**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **3/1/2011**REPORT NO : **56**MD: **10,958.0 (ft)**TVD: **2,783.0 (ft)**DFS: **45.04 (days)**DOL: **54.00 (days)**24 HR PROG: **258.0 (ft)**ROT HRS: **12.50 (hr)**MW: **8.70 (ppg)**VIS: **34.00 (s/qt)**DAILY DHC: **34,175.50**CUM DHC: **2,005,448.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **34,176**CUM TOTAL: **2,005,448.90**CURRENT STATUS: **CONTROLL DRLG TO 11,060; WOB 8K; RPM 48; PSI 1800; SURVEY 10,985'; INC 3.00; NO FLOW ; NO ACCIDENTS NO S**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: TOH; USEING CHAIN TONGS; BRAKE BIT LAY DOWN MOTOR; STB; PICK UP MOTOR;
 CHANGE OUT TRANSMISSION ON ST80; MAKE UP BIT #7RR; MM; NES TOOL; ONE DC; STB;
 17 DC; TIH TO 10,695'; FILLING PIPE CK PSI EVERY 20 STANDS TO 10,610'; W R TO 10,700';
 DRLG TO 10,958'

06:00 UPDATE:: **CONTROLL DRLG TO 11060' ; WOB 8K ; RPM 48 ; PSI 1800 ; ROP 20 ; SURVEY 10,985' INC 3.0 ; NO
 ACCIDENTS NO SEEPAGE NO SPILLS NO FLOW**

REPORT DATE: **3/2/2011**REPORT NO : **57**MD: **11,134.0 (ft)**TVD: **2,959.0 (ft)**DFS: **46.04 (days)**DOL: **55.00 (days)**24 HR PROG: **176.0 (ft)**ROT HRS: **15.00 (hr)**MW: **8.90 (ppg)**VIS: **35.00 (s/qt)**DAILY DHC: **33,949.20**CUM DHC: **2,039,398.10**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **33,949**CUM TOTAL: **2,039,398.10**CURRENT STATUS: **TRIPPING IN HOLE; BHA #15; DEPTH 599' ; NO ACCIDENTS NO SEEPAGE NO SPILLS NO FLOW**24 HR FORECAST: **TRIP OUT HOLE; CHANGE BIT; LAY DOWN MUD MOTOR; MAKE UP BHA 15; TRIP IN HOLE; DRLG 8.75 HOLE**

DAILY OPS: CONTROLL DRLG TO 11,110'; WOB 10K TO 8K; RPM 48; PSI 1800; BLACK OUT; SCR OFF LINE
 ENGINES OVER HEATING; CLEAN RADIATORS; RESTART RIG ; BONCE BIT ON BOTTOM;
 DRLG TO 11,134'; WOB 12K; RPM 48; PSI 1800; TRIP OUT OF HOLE WITH BIT #7 TO 3,494'

06:00 UPDATE:: **TRIP OUT OF HOLE ; BREAK BIT LAY DOWN MUD MOTOR ; MAKE UP BIT #8 ; BIT SUB ; NES TOOL; 2
 DC; STB; 16 DC; TRIP IN HOLE ; LAST SURVEY 11,085' INC 2.75 ; NO ACCIDENTS NO SEEPAGE NO
 SPILLS NO FLOW**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **3/3/2011**REPORT NO : **58**MD: **11,310.0 (ft)**TVD: **3,135.0 (ft)**DFS: **47.04 (days)**DOL: **56.00 (days)**24 HR PROG: **176.0 (ft)**ROT HRS: **11.00 (hr)**MW: **8.90 (ppg)**VIS: **36.00 (s/qt)**DAILY DHC: **34,914.30**CUM DHC: **2,074,312.40**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **34,914**CUM TOTAL: **2,074,312.40**CURRENT STATUS: **DRLG AT 11,426' WOB 20K; RPM 90; PSI 1200; TORQUE 5600; SURVEY 11370'; INC 1.5; NO ACCIDENTS NO SEEPAGE**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: TOH; BREAK OFF BIT #7; LD MM; STB; MU BIT #8 BIT; BIT SUB; NES TOOL; 2 DC; STB; 16
 DC; FILL BHA ; TEST NES TOOL; TIH TO; 4379' BRAKE HOT; LET BRAKES COOL; FILL TANK;
 TIH TO 10,948'; WR 186' TO BOTTOM 11,134; DRLG TO 11,310'; WOB 20K; RPM 90; PSI 1200

06:00 UPDATE:: **DRLG TO 11,426'; WOB 15 TO 20K ; RPM 90 ; PSI 1200 ; SURVEY 11,370' INC 1.50 ; NO ACCIDENTS NO
 SEEPAGE NO SPILLS**

REPORT DATE: **3/4/2011**REPORT NO : **59**MD: **11,515.0 (ft)**TVD: **3,340.0 (ft)**DFS: **48.04 (days)**DOL: **57.00 (days)**24 HR PROG: **205.0 (ft)**ROT HRS: **11.50 (hr)**MW: **8.90 (ppg)**VIS: **36.00 (s/qt)**DAILY DHC: **26,729.30**CUM DHC: **2,101,041.70**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **26,729**CUM TOTAL: **2,101,041.70**CURRENT STATUS: **DRLG TO 11,570'; WOB 10K; RPM 90; PSI 1350; ROP 12' HR; TORQUE 5700; LAST SURVEY 11,505; INC 3.00**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: DRLG TO 11,429'; WOB 20K; RPM 90; PSI 1200; TQ 6200; BLACK OUT RESTART RIG; USEING
 ENG 3 TO CIRC; REPAIR GENS ONE AND TWO; DRLG TO 11,492'; WOB 15K; RPM 90; PSI
 1200; TQ 6200; NES TOOL MISS RUN; NES TECH CK; DRLG TO 11,515'; WOB15K; RPM 90; PSI
 1350

06:00 UPDATE:: **DRLG TO 11,515' ; WIRE LINE SURVEY 11,505'; 3.0 ; DRLG TO 11,570' ; WOB 10K ; ROP 12' HR ; RPM 90
 ; PSI 1550 ; TORQUE 5900 ; NO ACCIDENTS NO SEEPAGE NO SPILLS**

Chronological Report

REGION: **PERMIAN**
OPERATEDEVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **3/5/2011**MD: **11,823.0 (ft)**TVD: **3,648.0 (ft)**DFS: **49.04 (days)**REPORT NO : **60**DOL: **58.00 (days)**24 HR PROG: **308.0 (ft)**ROT HRS: **20.50 (hr)**MW: **8.90 (ppg)**VIS: **36.00 (s/qt)**DAILY DHC: **28,636.40**CUM DHC: **2,129,678.10**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **28,636**CUM TOTAL: **2,129,678.10**CURRENT STATUS: **TRIPPING OUT OF HOLE**24 HR FORECAST: **TRIP OUT OF HOLE; MAKE UP FISHING TOOLS; TRIP IN HOLE ; LATCH FISH; TRIP OUT HOLE**DAILY OPS: **DRLG TO 11,522'; WOB 15K; RPM 90; PSI 1350; TQ 6200; NES FAILURE; WLS; AT 11,477'; INC 3.0; DRLG TO 11,617'; WOB 10K; RPM 90; TQ 6200; WLS 11,611' INC 2.3; DRLG TO 11,712'; WOB 15K; RPM 90; PSI 1550; TQ 6200; S RIG; DRLG TO 11,823; WOB 15 TQ 6200**06:00 UPDATE:: **LOST 500 PSI; PICK UP LOST 65 K; SPOT HI VIS PILL; TRIP OUT OF HOLE; NO ACCIDENTS NO SEEPAGE NO SPILLS**REPORT DATE: **3/6/2011**MD: **11,823.0 (ft)**TVD: **3,648.0 (ft)**DFS: **50.04 (days)**REPORT NO : **61**DOL: **59.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**MW: **8.90 (ppg)**VIS: **36.00 (s/qt)**DAILY DHC: **24,615.30**CUM DHC: **2,154,293.40**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **24,615**CUM TOTAL: **2,154,293.40**CURRENT STATUS: **BREAKING DOWN FISHING TOOLS; LAY DOWN**24 HR FORECAST: **PULL OUT FISH; BREAK LAY DOWN FISHING TOOLS; TRIP OUT OF HOLE WITH BHA; BREAK BIT LAY DOWN NES TOOL**DAILY OPS: **SPOT HI VIS PILL ON TOP OF FISH; TOH 116 STANDS ONE SINGLE; BROKE IN SLIP AREA; LEFT BHA 2 SINGLES; PU 9 DC STAND IN DRK; WOO TOOLS; UNLOAD TOOLS; DRESS OVERSHOT; TIH TO 11,183; CIRC; CK WT; LATCH FISH 11,198; SET GRAPPLE; PULL FISH FREE OFF BOTTOM ; TOH**06:00 UPDATE:: **TRIP OUT OF HOLE ; BREAK LAY DOWN FISHING TOOLS ; NO ACCIDENT ; NO SEEPAGE ; NO SPILLS**

Chronological Report

REGION: **PERMIAN**
OPERATED

EVENT: **LAND-ORIG DRLG**WELL NAME: **UNIVERSITY EX 2 SWD**OPERATOR: **APACHE CORPORATION**FIELD: **BLOCK 06, NE**COUNTY: **ANDREWS**FORMATION: **ELLENBURGER**APA WI%: **100.00000 (%)**LOCATON: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**DISTRICT: **ANDREWS - TX NCZ**STATE: **TEXAS**CONTRACTOR: **UNION DRILLING 224**PLAN DEPTH: **13,700.0 (ft)**SPUD DATE: **1/15/2011**REPORT DATE: **3/7/2011**MD: **11,823.0 (ft)**TVD: **3,648.0 (ft)**DFS: **51.04 (days)**REPORT NO : **62**DOL: **60.00 (days)**24 HR PROG: **0.0 (ft)**ROT HRS: **0.00 (hr)**

MW:

VIS:

DAILY DHC: **66,109.30**CUM DHC: **2,220,402.70**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **66,109**CUM TOTAL: **2,220,402.70**CURRENT STATUS: **DRILLING AT 11,830; WOB 30K; RPM 50; PSI 1750; TORQUE 6700; LAST SURVEY 11,813 1.25**24 HR FORECAST: **TRIP IN HOLE ; DRLG 8.75 HOLE**

DAILY OPS: TOH TO 1,006'; LD ACC; PULL 3 DC; TO FISHING TOOLS; LD FISHING TOOLS 2 JT DP; LD 9
 DC; ; PULL 3 ST DC; BREAK; BIT; NES; STB LD; TRIP CK DC; PULL OUT; MU BHA #17 BIT; SS;
 NES; 2 DC; STB; 22 DC; FINISH TRIP CK; TEST NES; CDL; TIH TO 4915'; TEST NES; TIH

06:00 UPDATE:: **TRIP IN HOLE 5,005' ; TEST NES TOOL OK ; TRIP IN HOLE TO 11,767 ; WASH REAM 56' TO BOTTOM ;
 DRLG TO 11,830' ; WOB 30K; RPM 50; PSI 1750 TQ 6700 ; SURVEY 11,813' INC 1.25 ; NO ACCIDENTS
 NO SEEPAGE NO SPILLS**

REPORT DATE: **3/8/2011**MD: **12,035.0 (ft)**TVD: **3,860.0 (ft)**DFS: **52.04 (days)**REPORT NO : **63**DOL: **61.00 (days)**24 HR PROG: **212.0 (ft)**ROT HRS: **16.50 (hr)**MW: **9.00 (ppg)**VIS: **33.00 (s/qt)**DAILY DHC: **24,701.10**CUM DHC: **2,245,103.80**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **24,701**CUM TOTAL: **2,245,103.80**CURRENT STATUS: **DRLG TO 12,100'; ROP 12 HR; WOB 10K; RPM 60; PSI 1750; TORQUE 6100; SURVEY 12,068'; INC 3.0 ; NO ACCIDENTS ;**24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: TIH TO 5035'; TEST NES; TIH TO 11,765'; SURVEY 11,765'; 1.25; W R TO 11,823'; NES SURVEY
 11,813'; INC 1.25; DRLG TO 11,957'; SER RIG; DRLG TO 11,967'; CIRC RESTART MOTOR 3;
 DRLG TO 12,035'; WOB 20K; RPM 60; PSI 1750; TQ 6000; SURVEY AT 12,021'; 2.5

06:00 UPDATE:: **DRLG TO 12,100' ; ROP 12 HR ; WOB 10K ; RPM 60 ; PSI 1750' ; TORQUE 6100 ; SYRVEY 12,068 ' ; INC
 3.0 ; NO ACCIDENTS ; NO SEEPAGE ; NO SPILLS**

REPORT DATE: **3/9/2011**MD: **12,035.0 (ft)**TVD: **3,860.0 (ft)**DFS: **53.04 (days)**REPORT NO : **64**DOL: **62.00 (days)**24 HR PROG: **0.0 (ft)**

ROT HRS:

MW:

VIS:

DAILY DHC: **24,701.10**CUM DHC: **2,269,804.90**

DAILY DCC:

CUM DCC:

DAILY CWC:

CUM CWC:

Daily Others:

CUM Others:

DAILY TOTAL: **24,701**CUM TOTAL: **2,269,804.90**

CURRENT STATUS:

24 HR FORECAST:

DAILY OPS:

06:00 UPDATE::



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,700.0 (ft)**

CONTRACTOR: **UNION DRILLING UNION 224**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,999.0 (ft)** **UNION - 224**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **1,891,000.00**

(USD)

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **03/10/2011**

MD: **12,248.0 (ft)**

TVD: **4,073.0 (ft)**

DFS: **54.04**

REPORT NO: **65**

DOL: **63.00**

24 HR PROG: **113.0 (ft)**

ROT HRS: **11.50 (hr)**

MW: **9.00 (ppg)**

VIS: **34.00 (s/qt)**

DAILY DHC: **25,257**

(USD)

EVENT DHC: **2,309,627**

(USD)

CUM DHC: **2,309,627**

(USD)

DAILY CWC: **0**

(USD)

EVENT CWC: **0**

(USD)

CUM CWC: **0**

(USD)

DAILY DCC: **0.00**

(USD)

EVENT DCC: **0.00**

(USD)

CUM DCC: **0.00**

(USD)

DAILY OTHER: **0**

(USD)

EVENT OTH: **0**

(USD)

CUM OTH: **0**

(USD)

DAILY TOT: **25,257**

(USD)

EVENT TOT: **2,309,627**

(USD)

CUM TOT: **2,309,627**

(USD)

CURRENT STATUS: **DRLG @ 12,270' ; 8'FPH' HR; SURVEY 12,215' ; F/ 3.5 ; NO ISSUES**

24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: **MU BHA 18 ; BIT #10 ; TIH TO 746' ; TEST NES MM ; TIH TO 5035' ; TEST NES ; TIH TO 11,820' ;**

WASH REAM TO 12,135' ; DRLG TO 12,248' ; SURVEY 12,139' 3.25 ; NO ACCIDENTS ; NO

SEEPAGE ; NO SPILLS

06:00 UPDATE: **DRLG TO 12,270' ; 8' FPH ; SURVEY 12,215' ; F/ 3.5 ; NO ISSUES**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	3:30	3.50	P-DRL	PP	TRIP	MAKE UP BHA 18; BIT 10 BIT; MUD MOTOR; NES; 1 DRILL COLLAR; STB; 23 DRILL COLLARS TRIP IN HOLE TO 746'
3:30	4:00	0.50	P-DRL	PP	CIRC	FILL PIPE; BRAKE CIRC; TEST NES TOOL OK
4:00	6:00	2.00	P-DRL	PP	TRIP	TRIP IN HOLE TO 5035'
6:00	6:30	0.50	P-DRL	PP	CIRC	FILL PIPE; BRAKE CIRC; TEST NES TOOL OK
6:30	11:00	4.50	P-DRL	PP	TRIP	TRIP IN HOLE TO 11,820
11:00	12:30	1.50	P-DRL	PP	RMWASH	WASH REAM FROM 11,820 TO 12,135'
12:30	0:00	11.50	P-DRL	PP	DRLG	DRLG FROM 12,135' TO 12,248' ; WOB 12K; RPM 50; PSI 1950; TORQUE 7700

REPORT DATE: 03/11/2011
REPORT NO: 66

MD: 12,382.0 (ft)	TVD: 4,207.0 (ft)	DFS: 55.04	DOL: 64.00
24 HR PROG: 134.0 (ft)	ROT HRS:: 23.50 (hr)	MW: 9.00 (ppg)	VIS: 33.00 (s/qt)
DAILY DHC: 34,343 (USD)	EVENT DHC: 2,343,970 (USD)	CUM DHC: 2,343,970 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 34,343 (USD)	EVENT TOT: 2,343,970 (USD)	CUM TOT: 2,343,970 (USD)	

CURRENT STATUS: DRLG @ 12,415' ; 7' FPH ; SURVEY 12,353' ; F/ 3.5 ; NO ISSUES
24 HR FORECAST: DRLG 8.75 HOLE
DAILY OPS: DRLG TO 12,281; SERVICE RIG; DRLG TO 12,382; SURVEY 12,325' ; F/ 3.5; NO ISSUES
06:00 UPDATE: DRLG TO 12,415' ; 7' FPH ; SURVEY 12,353' ; F/ 3.5 ; NO ISSUES
OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	8:00	8.00	P-DRL	PP	DRLG	DRLG FROM 12,248' TO 12,281' ; WOB 12K; RPM 50; PSI 1950; TORQUE 7700
8:00	8:30	0.50	P-DRL	PP	RIGSER	SERVICE RIG
8:30	0:00	15.50	P-DRL	PP	DRLG	DRLG FROM 12,281' TO 12,382' ; WOB 15K; RPM 50; PSI 1950; TORQUE 9300

REPORT DATE: 03/12/2011
REPORT NO: 67

MD: 12,425.0 (ft)	TVD: 4,250.0 (ft)	DFS: 56.04	DOL: 65.00
24 HR PROG: 43.0 (ft)	ROT HRS:: 7.00 (hr)	MW: 8.90 (ppg)	VIS: 34.00 (s/qt)
DAILY DHC: 26,761 (USD)	EVENT DHC: 2,370,731 (USD)	CUM DHC: 2,370,731 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 26,761 (USD)	EVENT TOT: 2,370,731 (USD)	CUM TOT: 2,370,731 (USD)	

CURRENT STATUS: TIH W/ BHA #19
24 HR FORECAST: TIH; REAM WASH TO BOTTOM; DRLG 8.75 HOLE
DAILY OPS: DRLG TO 12,245'; TOH; RIG REPAIR; TOH ; LD BIT & NES TOOL; RIG REPAIR (5.5 HRS)
06:00 UPDATE: TIH W/ BHA #19; NO ISSUES
OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	7:00	7.00	P-DRL	PP	DRLG	DRLG FROM 12,382' TO 12,425' ; WOB 15K; RPM 50; PSI 1950; TORQUE 9300
7:00	7:30	0.50	P-DRL	PP	CIRC	PUMP SLUG ; PRIOR TO TRIP OUT OF HOLE
7:30	9:30	2.00	P-DRL	PP	TRIP	TRIP OUT OF HOLE FROM 12,425' FIRST 5 STANDS TIGHT
9:30	10:30	1.00	P-DRL	PN	RU_RD	REPAIR IRON ROUGHNECK (ST80)
10:30	12:30	2.00	P-DRL	PP	TRIP	TRIP OUT HOLE TO 10,068
12:30	15:00	2.50	P-DRL	PN	RU_RD	REPAIR IRON ROUGHNECK WITH WELDER (ST80)
15:00	15:30	0.50	P-DRL	PP	TRIP	TRIP OUT OF HOLE ; TRIP OUT THREE STANDS WELD BROKE
15:30	16:30	1.00	P-DRL	PN	RU_RD	REPAIR IRON ROUGHNECK WITH WELDER (ST80) CHANGE LOWER DIES
16:30	23:00	6.50	P-DRL	PP	TRIP	TRIP OUT OF HOLE (DIFFERENT BREAK)LAY DOWN STB; NES TOOL BREAK OFF BIT
23:00	0:00	1.00	P-DRL	PN	RU_RD	CHANGE SEALS ON HEAT EXCHANGER PLATS; ON BRAKE COOLING SYSTEM (LEAKING)

**REPORT DATE: 03/13/2011**

REPORT NO: 68

MD: 12,527.0 (ft)	TVD: 4,352.0 (ft)	DFS: 57.04	DOL: 66.00
24 HR PROG: 102.0 (ft)	ROT HRS: 12.50 (hr)	MW: 8.90 (ppg)	VIS: 33.00 (s/qt)
DAILY DHC: 24,046 (USD)	EVENT DHC: 2,394,777 (USD)	CUM DHC: 2,394,777 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 24,046 (USD)	EVENT TOT: 2,394,777 (USD)	CUM TOT: 2,394,777 (USD)	

CURRENT STATUS: DRLG @ 12,560' ; 6' FPH ; SURVEY 12,513' ; F/ 3.2 ; NO ISSUES

24 HR FORECAST: DRLG 8.75 HOLE

DAILY OPS: TIH W/ BHA #19; RMWASH 603'; DRLG TO 12,527'; SUR 12,513' F/ 3.2 NO ISSUES

06:00 UPDATE: DRLG TO 12,560' ; 6' FPH ; SURVEY 12,513' ; F/ 3.2 ; NO ISSUES

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	8:30	7.50	P-DRL	PP	TRIP	TRIP IN HOLE BHA# 19
8:30	11:30	3.00	P-DRL	PP	RMWASH	WASH REAM FROM 11822' TO 12425' (603')
11:30	0:00	12.50	P-DRL	PP	DRLG	DRLG FROM 12425 TO 12,527'; WOB 30K; RPM 50; PSI 1900; SURVEY 12,513; F/ 3.2



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION**
FIELD: **BLOCK 06, NE**
COUNTY: **ANDREWS**
APA WI%: **100.00**
FORMATION: **ELLENBURGER**
ACTIVE DATUM: **RKB/RT**
LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**
DISTRICT: **ANDREWS - TX NCZ**
STATE: **TEXAS**
PLAN DEPTH: **13,700.0 (ft)**
CONTRACTOR: **UNION DRILLING UNION 224**
API #: **42-003-42159**
SPUD DATE: **01/15/2011**
@ **2,999.0 (ft)** **UNION - 224**
AFE #: **TC-10-0435-D** AFE DESC: **DRILL A SWD WELL TO 13900'.**
AFE DHC: **1,891,000.00 (USD)** AFE CWC: **0.00 (USD)**
AFE DCC: **0.00 (USD)** AFE TOT: **1,891,000.00 (USD)**

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **03/14/2011**

REPORT NO: **69**

MD: 12,645.0 (ft)	TVD: 4,470.0 (ft)	DFS: 58.04	DOL: 67.00
24 HR PROG: 118.0 (ft)	ROT HRS: 23.50 (hr)	MW: 8.90 (ppg)	VIS: 33.00 (s/qt)
DAILY DHC: 73,073 (USD)	EVENT DHC: 2,466,951 (USD)	CUM DHC: 2,466,951 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 73,073 (USD)	EVENT TOT: 2,466,951 (USD)	CUM TOT: 2,466,951 (USD)	

CURRENT STATUS: **DRLG @ 12,678' ; 7' FPH ; SURVEY 12,640' ; F/ 3.7 ; NO ISSUES**

24 HR FORECAST: **DRLG 8.75 HOLE**

DAILY OPS: **DRLG TO 12,580' ; SER RIG; DRLG TO 12,645' ; SUR 12,593' ; F/ 3.5 ; NO ISSUES**

06:00 UPDATE: **DRLG TO 12,678' ; 7' FPH ; SURVEY 12,640' ; F/ 3.7 ; NO ISSUES**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	7:30	7.50	P-DRL	PP	DRLG	DRLG FROM 12,527 TO 12,580'; WOB 47K; RPM 50; PSI 1900; SURVEY 12,541; F/ 3.4
7:30	8:00	0.50	P-DRL	PP	RIGSER	SERVICE RIG
8:00	0:00	16.00	P-DRL	PP	DRLG	DRLG FROM 12,580 TO 12,645'; WOB 45K; RPM 50; PSI 1900; SUR 12,593'; F/ 3.5



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION**
FIELD: **BLOCK 06, NE**
COUNTY: **ANDREWS**
APA WI%: **100.00**
FORMATION: **ELLENBURGER**
ACTIVE DATUM: **RKB/RT**
LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**
DISTRICT: **ANDREWS - TX NCZ**
STATE: **TEXAS**
PLAN DEPTH: **13,700.0 (ft)**
CONTRACTOR: **UNION DRILLING UNION 224**
API #: **42-003-42159**
SPUD DATE: **01/15/2011**
@ **2,999.0 (ft)** **UNION - 224**
AFE #: **TC-10-0435-D**
AFE DHC: **1,891,000.00 (USD)**
AFE DCC: **0.00 (USD)**
AFE DESC: **DRILL A SWD WELL TO 13900'.**
AFE CWC: **0.00 (USD)**
AFE TOT: **1,891,000.00 (USD)**

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **03/16/2011**

REPORT NO: **71**

MD: **12,879.0 (ft)** TVD: **4,704.0 (ft)** DFS: **60.04** DOL: **69.00**
24 HR PROG: **0 (ft)** ROT HRS: **0.00 (hr)** MW: **8.90 (ppg)** VIS: **35.00 (s/qt)**
DAILY DHC: **31,347 (USD)** EVENT DHC: **2,527,950 (USD)** CUM DHC: **2,527,950 (USD)**
DAILY CWC: **0 (USD)** EVENT CWC: **0 (USD)** CUM CWC: **0 (USD)**
DAILY DCC: **0.00 (USD)** EVENT DCC: **0.00 (USD)** CUM DCC: **0.00 (USD)**
DAILY OTHER: **0 (USD)** EVENT OTH: **0 (USD)** CUM OTH: **0 (USD)**
DAILY TOT: **31,347 (USD)** EVENT TOT: **2,527,950 (USD)** CUM TOT: **2,527,950 (USD)**

CURRENT STATUS: **WAIT ON TOP DRIVE**

24 HR FORECAST: **WAIT ON TOP DRIVE**

DAILY OPS: **TOH TO INSIDE SHOE 4774'; RIG REPAIR; WAIT ON TOP DRIVE; NO ISSUES**

06:00 UPDATE: **WAIT ON TOP DRIVE; NO ISSUES**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	7:00	7.00	P-DRL	PN	TRIP	TRIP OUT OF HOLE TO SHOE (TOP DRIVE MAIN BEARING FAILED)
7:00	11:00	4.00	P-DRL	PN	RU_RD	WAIT ON NOV TECH TO ARIVE
11:00	18:00	7.00	P-DRL	PN	RU_RD	NOV TECH; CHECK TOP DRIVE; MAIN QUILE BEARING FAILED; RIG DOWN TOP DRIVE; REMOVE FROM DERRICK;
18:00	19:30	1.50	P-DRL	PN	RU_RD	SET ON TRANSPORT FRAM; LOAD ON TRUCK; WITH CRAIN; (TOP DRIVE LEFT 1930 HR)
19:30	0:00	4.50	P-DRL	PN	WOO	WAIT ON TOP DRIVE

REPORT DATE: **03/17/2011**

REPORT NO: **72**

MD: **12,879.0 (ft)** TVD: **4,704.0 (ft)** DFS: **61.04** DOL: **70.00**
24 HR PROG: **0 (ft)** ROT HRS: **0.00 (hr)** MW: **(ft)** VIS: **(s/qt)**
DAILY DHC: **25,870 (USD)** EVENT DHC: **2,553,820 (USD)** CUM DHC: **2,553,820 (USD)**
DAILY CWC: **0 (USD)** EVENT CWC: **0 (USD)** CUM CWC: **0 (USD)**
DAILY DCC: **0.00 (USD)** EVENT DCC: **0.00 (USD)** CUM DCC: **0.00 (USD)**
DAILY OTHER: **0 (USD)** EVENT OTH: **0 (USD)** CUM OTH: **0 (USD)**
DAILY TOT: **25,870 (USD)** EVENT TOT: **2,553,820 (USD)** CUM TOT: **2,553,820 (USD)**

CURRENT STATUS: **WAITING ON TOP DRIVE; NO ISSUES**

24 HR FORECAST: **TOP DRIVE ARIVE; INSTALL TOP DRIVE; RUN OUT**

DAILY OPS: **WAITING ON TOP DRIVE; NO ISSUES**

06:00 UPDATE: **WAITING ON TOP DRIVE; NO ISSUES**



OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	0:00	24.00	P-DRL	PN	WOO	WAITING ON TOP DRIVE



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION**
FIELD: **BLOCK 06, NE**
COUNTY: **ANDREWS**
APA WI%: **100.00**
FORMATION: **ELLENBURGER**
ACTIVE DATUM: **RKB/RT**
@ **2,999.0 (ft)**
UNION - 224
LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND
DISTRICT: ANDREWS - TX NCZ
STATE: **TEXAS**
PLAN DEPTH: 13,700.0 (ft)
CONTRACTOR: UNION DRILLING UNION 224
API #: 42-003-42159
SPUD DATE: 01/15/2011
AFE #: **TC-10-0435-D**
AFE DHC: 1,891,000.00 (USD)
AFE DCC: 0.00 (USD)
AFE DESC: **DRILL A SWD WELL TO 13900'.**
AFE CWC: 0.00 (USD)
AFE TOT: 1,891,000.00 (USD)

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **03/18/2011**

REPORT NO: 73

MD: 12,879.0 (ft)
24 HR PROG: 0 (ft)
DAILY DHC: 30,793 (USD)
DAILY CWC: 0 (USD)
DAILY DCC: 0.00 (USD)
DAILY OTHER: 0 (USD)
DAILY TOT: 30,793 (USD)
TVD: 4,704.0 (ft)
ROT HRS: 0.00 (hr)
EVENT DHC: 2,584,613 (USD)
EVENT CWC: 0 (USD)
EVENT DCC: 0.00 (USD)
EVENT OTH: 0 (USD)
EVENT TOT: 2,584,613 (USD)
DFS: 62.04
MW: 8.90 (ppg)
CUM DHC: 2,584,613 (USD)
CUM CWC: 0 (USD)
CUM DCC: 0.00 (USD)
CUM OTH: 0 (USD)
CUM TOT: 2,584,613 (USD)
DOL: 71.00
VIS: 35.00 (s/qt)

CURRENT STATUS: INSTALLING SERVICE LOOP; NO ISSUES

24 HR FORECAST: FINISH TOP DRIVE; TRIP IN HOLE ; DRILG 8.75 HOLE

DAILY OPS: WAIT ON TOP DRIVE; INSTALL TOP DRIVE IN DERRICK; NO ISSUES

06:00 UPDATE: TROUBLE SHOOT SERVICE LOOP; REPLACE SERVICE LOOP; NO ISSUES

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	14:00	14.00	P-DRL	PN	WOO	WAITING ON TOP DRIVE TO ARIVE FROM HOUSTON
14:00	20:00	6.00	P-DRL	PN	RU_RD	UNLOAD TOP DRIVE; PREPAIR FOR INSTALLING IN DERRICK; CHANGE GOOSENECK TO DRILLER SIDE; WELDER WELD UP HIGH PRESSURE WELDS
20:00	0:00	4.00	P-DRL	PN	RU_RD	SLING; HANG TOP DRIVE IN DERRICK ; HOOK UP SERVICE LOOPS BLOCKS HYDRAULICS

REPORT DATE: **03/19/2011**

REPORT NO: 74

MD: 13,003.0 (ft)
24 HR PROG: 124.0 (ft)
DAILY DHC: 33,674 (USD)
DAILY CWC: 0 (USD)
DAILY DCC: 0.00 (USD)
DAILY OTHER: 0 (USD)
DAILY TOT: 33,674 (USD)
TVD: 4,828.0 (ft)
ROT HRS: 8.50 (hr)
EVENT DHC: 2,618,286 (USD)
EVENT CWC: 0 (USD)
EVENT DCC: 0.00 (USD)
EVENT OTH: 0 (USD)
EVENT TOT: 2,618,286 (USD)
DFS: 63.04
MW: 8.80 (ppg)
CUM DHC: 2,618,286 (USD)
CUM CWC: 0 (USD)
CUM DCC: 0.00 (USD)
CUM OTH: 0 (USD)
CUM TOT: 2,618,286 (USD)
DOL: 72.00
VIS: 40.00 (s/qt)

CURRENT STATUS: MIXING SLUG & TOH ; SURVEY 13018' ; F/ 2.3 ; NO ISSUES

24 HR FORECAST: DRLG 8.75 HOLE

DAILY OPS: REPLACE SERVICE LOOP ; TIH ; RMWASH 363' ; DRLG TO 13,003' SUR 12,968' ;F/ 1.5 DEG ;

NO ISSUES

06:00 UPDATE: DRLG TO 13060' ; CIRC BUILD SLUG ; TOH ; SURVEY 13,060' ; F/ 2.3 ; NO ISSUES

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	2:00	2.00	P-DRL	PN	RU_RD	TROUBLE SHOOT SERVICE LOOP; END PLUG TWISTED SHORTED OUT
2:00	6:00	4.00	P-DRL	PN	RU_RD	WAIT ON SERVICE LOOP
6:00	9:30	3.50	P-DRL	PN	RU_RD	INSTALL SERVICE ; RUN OUT TOP DRIVE; REPLACE SVAVE SUB; INSTALL ELEVATORS BAILS
9:30	13:00	3.50	P-DRL	PN	TRIP	TRIP IN HOLE TO 12,516'
13:00	15:30	2.50	P-DRL	PN	RMWASH	WASH REAM 363' TO BOTTOM; 12,879'
15:30	0:00	8.50	P-DRL	PP	DRLG	DRLG FROM 12,879' TO 13,003 WOB 28K RPM 50 PSI 2050; SUR 12,968'; F/ 1.5

REPORT DATE: 03/20/2011

REPORT NO: 75

MD: 13,070.0 (ft)	TVD: 4,895.0 (ft)	DFS: 64.04	DOL: 73.00
24 HR PROG: 67.0 (ft)	ROT HRS: 5.00 (hr)	MW: 8.80 (ppg)	VIS: 36.00 (s/qt)
DAILY DHC: 27,168 (USD)	EVENT DHC: 2,645,454 (USD)	CUM DHC: 2,645,454 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 27,168 (USD)	EVENT TOT: 2,645,454 (USD)	CUM TOT: 2,645,454 (USD)	

CURRENT STATUS: DRLG @ 13,210' ; 25' FPH ; SURVEY 13,142' ; F/ 2.1 ; NO ISSUES

24 HR FORECAST: DRLG 8.75 HOLE

DAILY OPS: DRLG TO 13,060'; TOH BHA #19; SER RIG; TIH BHA #20; TO 11,983'; CIRC BUILD VOL; TIH;
RMWASH 132'; DRLG TO 13,070' SOME SEEPAGE; NO OTHER ISSUES

06:00 UPDATE: DRLG TO 13,210' ; 25' FPH ; SURVEY 13,142' ; F/ 2.1 ; NO ISSUES

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	4:30	4.50	P-DRL	PP	DRLG	DRLG FROM 13,003' TO 13,060' WOB 25K; RPM 50; PSI 1950
4:30	6:00	1.50	P-DRL	PP	CIRC	CIRCULATE; WHILE MIXING SLUG; FOR TRIP
6:00	14:00	8.00	P-DRL	PP	TRIP	TRIP OUT OF HOLE BHA 19
14:00	14:30	0.50	P-DRL	PP	TRIP	BREAK OFF BIT; LAY DOWN MUD MOTOR
14:30	15:00	0.50	P-DRL	PP	RIGSER	SERVICE RIG
15:00	18:30	3.50	P-DRL	PP	TRIP	MAKE UP BIT 12 ;TRIP IN HOLE BHA 20 TO 5031'
18:30	19:00	0.50	P-DRL	PP	CIRC	FILL PIPE; BREAK CIRCULATION; TEST TELEDRIFT; OK
19:00	21:00	2.00	P-DRL	PP	TRIP	TRIP IN HOLE TO 11,983'
21:00	22:00	1.00	P-DRL	PP	CIRC	FILL PIPE BREAK CIRCULATION; HOLE TOOK 200 BBLS ON TRIP; MIX MUD BUILD VOL
22:00	23:00	1.00	P-DRL	PP	TRIP	TRIP IN HOLE TO 12,928'
23:00	23:30	0.50	P-DRL	PP	RMWASH	WASH REAM 132' TO 13,060'
23:30	0:00	0.50	P-DRL	PP	DRLG	DRLG FROM 13,060' TO 13070' WOB 25K; RPM 75; PSI 1520



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION**
FIELD: **BLOCK 06, NE**
COUNTY: **ANDREWS**
APA WI%: **100.00**
FORMATION: **ELLENBURGER**
ACTIVE DATUM: **RKB/RT**
LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**
DISTRICT: **ANDREWS - TX NCZ**
STATE: **TEXAS**
PLAN DEPTH: **13,700.0 (ft)**
CONTRACTOR: **UNION DRILLING UNION 224**
API #: **42-003-42159**
SPUD DATE: **01/15/2011**
@ **2,999.0 (ft)** **UNION - 224**
AFE #: **TC-10-0435-D** AFE DESC: **DRILL A SWD WELL TO 13900'.**
AFE DHC: **1,891,000.00 (USD)** AFE CWC: **0.00 (USD)**
AFE DCC: **0.00 (USD)** AFE TOT: **1,891,000.00 (USD)**

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **03/21/2011**

REPORT NO: **76**

MD: **13,395.0 (ft)** TVD: **5,220.0 (ft)** DFS: **65.04** DOL: **74.00**
24 HR PROG: **325.0 (ft)** ROT HRS: **16.50 (hr)** MW: **8.90 (ppg)** VIS: **40.00 (s/qt)**
DAILY DHC: **33,668 (USD)** EVENT DHC: **2,679,122 (USD)** CUM DHC: **2,679,122 (USD)**
DAILY CWC: **0 (USD)** EVENT CWC: **0 (USD)** CUM CWC: **0 (USD)**
DAILY DCC: **0.00 (USD)** EVENT DCC: **0.00 (USD)** CUM DCC: **0.00 (USD)**
DAILY OTHER: **0 (USD)** EVENT OTH: **0 (USD)** CUM OTH: **0 (USD)**
DAILY TOT: **33,668 (USD)** EVENT TOT: **2,679,122 (USD)** CUM TOT: **2,679,122 (USD)**

CURRENT STATUS: **TOH @ 9,973' TO LOG WELL; NO ISSUES**

24 HR FORECAST: **PUMP SWEEP CIRCULATE; TRIP OUT HOLE; LOG WELL**

DAILY OPS: **DRLG TO 13,395' TD 1630 HR 3/21/2011; SER RIG; CIRC.COND MUD; WIPER TRIP; NO ISSUES**

06:00 UPDATE: **CIRC SWEEP; TOH ; DEPTH 9,973 ; NO ISSUES**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	16:30	16.50	P-DRL	PP	DRLG	DRLG FROM 13,070' TO 13,395' ; WOB 40K; RPM 70; PSI 1475; TD 1630 HR 3/21/2011; SURVEY 13,389 F/ 2.4
16:30	17:00	0.50	P-DRL	PP	RIGSER	SERVICE RIG
17:00	22:00	5.00	P-DRL	PP	CIRC	CIRCULATE CONDITION MUD; PUMP TWO HI VIS SWEEPS; AROUND
22:00	0:00	2.00	P-DRL	PP	STRIP	WIPER TRIP; TRIP TO 11,983'

REPORT DATE: **03/22/2011**

REPORT NO: **77**

MD: **13,395.0 (ft)** TVD: **5,220.0 (ft)** DFS: **66.04** DOL: **75.00**
24 HR PROG: **0 (ft)** ROT HRS: **0.00 (hr)** MW: **8.90 (ppg)** VIS: **44.00 (s/qt)**
DAILY DHC: **41,960 (USD)** EVENT DHC: **2,721,082 (USD)** CUM DHC: **2,721,082 (USD)**
DAILY CWC: **0 (USD)** EVENT CWC: **0 (USD)** CUM CWC: **0 (USD)**
DAILY DCC: **0.00 (USD)** EVENT DCC: **0.00 (USD)** CUM DCC: **0.00 (USD)**
DAILY OTHER: **0 (USD)** EVENT OTH: **0 (USD)** CUM OTH: **0 (USD)**
DAILY TOT: **41,960 (USD)** EVENT TOT: **2,721,082 (USD)** CUM TOT: **2,721,082 (USD)**

CURRENT STATUS: **TRIP IN HOLE @ 11,491'; NO ISSUES**

24 HR FORECAST: **TRIP IN HOLE ; CIRC; LAY DOWN DRILL PIPE**

DAILY OPS: **CIRC.; TOH; CDL; TOH; SER RIG; LOG WELL; LOGGERS DEPTH 13,339'; NO ISSUES**

06:00 UPDATE: **TIH; DEPTH 11,491'; NO ISSUES**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	4:00	4.00	P-DRL	PP	CIRC	CIRCULATE SWEEP AROUND
4:00	8:30	4.50	P-DRL	PP	TRIP	TRIP OUT OF HOLE TO INSIDE SHOE 4555'
8:30	10:30	2.00	P-DRL	PP	CUTDL	SLIP CUT DRILLING LINE
10:30	15:00	4.50	P-DRL	PP	TRIP	TRIP OUT OF HOLE ; TO LOG
15:00	15:30	0.50	P-DRL	PP	RIGSER	SERVICE RIG
15:30	23:00	7.50	P-DRL	PP	LOG	RIG UP LOGGERS ; MAKE UP TOOLS RUN IN ; LOGGERS DEPTH 13,339'
23:00	0:00	1.00	P-DRL	PP	TRIP	MAKE UP BIT SUB; BIT ; TRIP IN HOLE



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,700.0 (ft)**

CONTRACTOR: **UNION DRILLING UNION 224**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,999.0 (ft)** **UNION - 224**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **1,891,000.00**

(USD)

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **03/23/2011**

REPORT NO: **78**

MD: **13,395.0 (ft)**

TVD: **5,220.0 (ft)**

DFS: **67.04**

DOL: **76.00**

24 HR PROG: **0 (ft)**

ROT HRS: **0.00 (hr)**

MW: **8.90 (ppg)**

VIS: **44.00 (s/qt)**

DAILY DHC: **21,730 (USD)**

EVENT DHC: **2,742,812 (USD)**

CUM DHC: **2,742,812 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **0 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **0 (USD)**

EVENT OTH: **0 (USD)**

CUM OTH: **0 (USD)**

DAILY TOT: **21,730 (USD)**

EVENT TOT: **2,742,812 (USD)**

CUM TOT: **2,742,812 (USD)**

CURRENT STATUS: **SAFETY MEETING ON RUNNING CSG; RUN 7" CASING**

24 HR FORECAST: **FINISH LAYING DOWN COLLARS; PULL WEAR BUSHING; RIG UP RUN 7" CASING**

DAILY OPS: **TIH; CIRC; TIH; CIRC; TIH TO 13,292; RMWASH 103' TO 13,395; CIRC BOTTOMS UP; LDDP ; NO ISSUES**

06:00 UPDATE: **LDDC; ATTEMPT PULL WEAR BUSHING; CHANGE BAILS ELEVATORS; RIG UP CSG CREW; SAFETY MEETING RUNNING CASING; RUN CASING; NO ISSUES**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	3:00	3.00	P-DRL	PP	TRIP	TRIP IN HOLE 45 STANDS
3:00	3:30	0.50	P-DRL	PP	CIRC	FILL PIPE CIRCULATE
3:30	6:00	2.50	P-DRL	PP	TRIP	TRIP IN HOLE TO 10,920'
6:00	6:30	0.50	P-DRL	PP	CIRC	FILL PIPE CIRCULATE
6:30	7:30	1.00	P-DRL	PP	TRIP	TRIP IN HOLE TO 13,292'
7:30	8:30	1.00	P-DRL	PP	RMWASH	FILL PIPS CIRCULATE WASH 103' TO BOTTOM
8:30	9:30	1.00	P-DRL	PP	CIRC	CIRCULATE BOTTOMS UP
9:30	10:00	0.50	P-DRL	PP	CIRC	PUMP SLUG
10:00	0:00	14.00	P-DRL	PP	TRIP	LAY DOWN DRILL PIPE DRILL COLLARS; (TOTC 0130 HR 3 / 24 / 2011)

EVENT: **LAND-ORIG COMP**



REPORT DATE: 03/24/2011

REPORT NO: 1

MD: 2,999.0 (ft)

TVD: 2,999.0 (ft)

DFS: 0.00

DOL: 0.00

24 HR PROG: (ft)

ROT HRS:: 0.00 (hr)

MW: 0

VIS: 0

DAILY DHC: 0 (USD)

EVENT DHC: 0 (USD)

CUM DHC: 2,742,812 (USD)

DAILY CWC: 0 (USD)

EVENT CWC: 0 (USD)

CUM CWC: 0 (USD)

DAILY DCC: 0.00 (USD)

EVENT DCC: 0.00 (USD)

CUM DCC: 0.00 (USD)

DAILY OTHER: 0 (USD)

EVENT OTH: 0 (USD)

CUM OTH: 0 (USD)

DAILY TOT: 0 (USD)

EVENT TOT: 0 (USD)

CUM TOT: 2,742,812 (USD)

CURRENT STATUS:

24 HR FORECAST:

DAILY OPS:

06:00 UPDATE:

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
1:30	2:30	1.00	P-CSG	PP	RU_RD	ATTEMPT TO PULL WEAR BUSHING; PULLER NOT GOING IN
2:30	3:30	1.00	P-CSG	PP	RU_RD	REMOVE BAILS ELEVATORS; INSTALL LONG BAILS TITLE CYLINDERS; ELEVATORS
3:30	6:00	2.50	P-CSG	PP	RU_RD	RIG UP TESCO CASING CREW; INSTALL STABBING BOARD; TURN LAY DOWN BUCKET AROUND
6:00		0.00	P-CSG	PP	SFTY	SAFETY MEETING PRIOR TO RUNNING CASING



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION** LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND
FIELD: **BLOCK 06, NE** DISTRICT: **ANDREWS - TX NCZ** STATE: **TEXAS**
COUNTY: **ANDREWS** PLAN DEPTH: 13,700.0 (ft)
APA WI%: 100.00 CONTRACTOR: **UNION DRILLING UNION 224**
FORMATION: **ELLENBURGER** API #: 42-003-42159 SPUD DATE: 01/15/2011
ACTIVE DATUM: **RKB/RT @ 2,999.0 (ft) UNION - 224**
AFE #: **TC-10-0435-C** AFE DESC: **DRL & COMPL A SWD WELL TO 13900'**
AFE DHC: 0.00 (USD) AFE CWC: 1,089,000.00 (USD)
AFE DCC: 0.00 (USD) AFE TOT: 1,089,000.00 (USD)
AFE #: **TC-10-0435-D** AFE DESC: **DRILL A SWD WELL TO 13900'**
AFE DHC: 1,891,000.00 (USD) AFE CWC: 0.00 (USD)
AFE DCC: 0.00 (USD) AFE TOT: 1,891,000.00 (USD)

EVENT: LAND-ORIG DRLG

REPORT DATE: 03/24/2011

REPORT NO: 79

MD: 13,395.0 (ft)	TVD: 26,769.4 (ft)	DFS: 68.04	DOL: 77.00
24 HR PROG: 13,395.0 (ft)	ROT HRS: 0.00 (hr)	MW: (ft)	VIS: (s/qt)
DAILY DHC: 3,698 (USD)	EVENT DHC: 2,746,511 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 3,698 (USD)	
DAILY TOT: 3,698 (USD)	EVENT TOT: 2,746,511 (USD)	CUM TOT: 2,750,209 (USD)	

CURRENT STATUS: TOTC 0130 HR 3/ 24 2011

24 HR FORECAST: TOTC 0130 HR 3/ 24 2011

DAILY OPS: FINISH LAYING DOWN DRILL COLLARS; TOTC 0130 HR 2 / 24 2011

06:00 UPDATE: TOTC 0130 HR 2 / 24 2011

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	1:30	1.50	P-DRL	PP	TRIP	FINISH LAYING DOWN DRILL COLLARS; TOTC 0130 HR 2 / 24 2011

EVENT: LAND-ORIG COMP

REPORT DATE: 03/24/2011

REPORT NO: 1

MD: 2,999.0 (ft)	TVD: 2,999.0 (ft)	DFS: 0.00	DOL: 0.00
24 HR PROG: (ft)	ROT HRS: 0.00 (hr)	MW: 0	VIS: 0
DAILY DHC: 0 (USD)	EVENT DHC: 0 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 0 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 3,698 (USD)	EVENT OTH: 3,698 (USD)	CUM OTH: 3,698 (USD)	
DAILY TOT: 3,698 (USD)	EVENT TOT: 3,698 (USD)	CUM TOT: 2,750,209 (USD)	

CURRENT STATUS: WASH AND WORKING LAST 38' FT TO BOTTOM

24 HR FORECAST: FINISH RUNNING CSG; CEMT; CIRC DV TOOL CMT SECOND STAGE;NIPPLE DOWN BOPS ; SET

SLIPS

DAILY OPS:

06:00 UPDATE: RUN CSG; WASH WORK CASING ; NO ISSUES

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
1:30	2:30	1.00	P-CSG	PP	RU_RD	ATTEMPT TO PULL WEAR BUSHING; PULLER NOT GOING IN
2:30	3:30	1.00	P-CSG	PP	RU_RD	REMOVE BAILS ELEVATORS; INSTALL LONG BAILS TITLE CYLINDERS; ELEVATORS
3:30	6:00	2.50	P-CSG	PP	RU_RD	RIG UP TESCO CASING CREW; INSTALL STABBING BOARD; TURN LAY DOWN BUCKET AROUND
6:00	6:30	0.50	P-CSG	PP	SFTY	SAFETY MEETING PRIOR TO RUNNING CASING
6:30	7:00	0.50	P-CSG	PP	R_PCSG	RUN CASING
7:00	9:00	2.00	P-CSG	PP	RU_RD	CHANGE ELEVATORS ; MOUNT CAMERA
9:00	20:30	11.50	P-CSG	PP	R_PCSG	RUN CASING
20:30	21:30	1.00	P-CSG	PP	RU_RD	TONG UNIT RUN OUT OF DIESEL ; FILL RE-START
21:30	0:00	2.50	P-CSG	PP	R_PCSG	RUN 7" CASING; FILL EVERY 30 JTS CASING DEPTH 12,061'

REPORT DATE: 03/25/2011

REPORT NO: 2

MD: 2,999.0 (ft)

TVD: 2,999.0 (ft)

DFS: 0.00

DOL: 0.00

24 HR PROG: (ft)

ROT HRS:: 0.00 (hr)

MW: 0

VIS: 0

DAILY DHC: 0 (USD)

EVENT DHC: 0 (USD)

CUM DHC: 2,746,511 (USD)

(USD)

DAILY CWC: 0 (USD)

EVENT CWC: 0 (USD)

CUM CWC: 0 (USD)

(USD)

DAILY DCC: 0.00 (USD)

EVENT DCC: 0.00 (USD)

CUM DCC: 0.00 (USD)

(USD)

DAILY OTHER: 3,698 (USD)

EVENT OTH: 7,397 (USD)

CUM OTH: 7,397 (USD)

(USD)

DAILY TOT: 3,698 (USD)

EVENT TOT: 7,397 (USD)

CUM TOT: 2,753,907 (USD)

(USD)

CURRENT STATUS:

24 HR FORECAST:

DAILY OPS:

06:00 UPDATE:

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	1:30	1.50	P-CSG	PP	R_PCSG	RUN 7" CASING WEATH. FS = 1.40' 2 JT 7" 40# HCL-80 LT&C 94.64' WEATH. FC = 1.80' 52 JTS 7" HCL-80 LT&C = 2432.22' 29 JTS 7" L-80 LT&C = 1345.14' WEATH. DV TOOL = 3.00' 125 JT 7" L-80 LT&C = 5828.01' 1 JT CROSS OVER = 46.98' 79 JT 7" BTC = 3600.32' 1 CUT JT 7" BTC = 16.00' KB - TOP CSG (GL) = 26.00' CASING SET @ 13,395'
1:30		0.00	P-CSG	PP	CIRC	CIRCULATE & WASH CASING @ 13,343'



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: APACHE CORPORATION

FIELD: BLOCK 06, NE

COUNTY: ANDREWS

APA WI%: 100.00

FORMATION: ELLENBURGER

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: ANDREWS - TX NCZ

STATE: TEXAS

PLAN DEPTH: 13,700.0 (ft)

CONTRACTOR: UNION DRILLING UNION 224

API #: 42-003-42159

SPUD DATE: 01/15/2011

@ **2,999.0 (ft)** **UNION - 224**

AFE #: TC-10-0435-C

AFE DESC: DRL & COMPL A SWD WELL TO 13900'

AFE DHC: 0.00

(USD)

AFE CWC: 1,089,000.00

(USD)

AFE DCC: 0.00

(USD)

AFE TOT: 1,089,000.00

(USD)

EVENT: **LAND-ORIG COMP**

REPORT DATE: 03/25/2011

REPORT NO: 2

MD: 2,999.0 (ft)

TVD: 2,999.0 (ft)

DFS: 0.00

DOL: 0.00

24 HR PROG: (ft)

ROT HRS:: 0.00 (hr)

MW: 0

VIS: 0

DAILY DHC: 0 (USD)

EVENT DHC: 0

(USD)

CUM DHC: 2,746,511

(USD)

DAILY CWC: 424,599 (USD)

EVENT CWC: 424,599

(USD)

CUM CWC: 424,599

(USD)

DAILY DCC: 0.00 (USD)

EVENT DCC: 0.00

(USD)

CUM DCC: 0.00

(USD)

DAILY OTHER: 0 (USD)

EVENT OTH: 3,698

(USD)

CUM OTH: 3,698

(USD)

DAILY TOT: 424,599 (USD)

EVENT TOT: 428,297

(USD)

CUM TOT: 3,174,808

(USD)

CURRENT STATUS: CLEANING PITS

24 HR FORECAST: NIPPLE DOWN BOPS; LAY DOWN STACK; CLEAN PITS

DAILY OPS:

06:00 UPDATE: NIPPLE DOWN BOPS; LAY DOWN; JET CLEAN PITS

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	1:30	1.50	P-CSG	PP	R_PCSG	<p>RUN 7" CASING</p> <p>WEATH. FS = 1.40'</p> <p>2 JT 7" 40# HCL-80 LT&C 94.64'</p> <p>WEATH. FC = 1.80'</p> <p>52 JTS 7" HCL-80 LT&C = 2432.22'</p> <p>29 JTS 7" L-80 LT&C = 1345.14'</p> <p>WEATH. DV TOOL = 3.00'</p> <p>125 JT 7" L-80 LT&C = 5828.01'</p> <p>1 JT CROSS OVER = 46.98'</p> <p>79 JT 7" BTC = 3552.8'</p> <p>1 CUT JT 7" BTC = 16.00'</p> <p>KB - TOP CSG (GL) = 26.00'</p> <p>CASING SET @ 13,347'</p>
1:30	10:30	9.00	P-CSG	PP	CIRC	CIRCULATE & WASH CASING @ 13,343'
10:30	11:00	0.50	P-CSG	PP	SFTY	SAFETY MEETING ON CEMENTING & DV TOOL
11:00	13:30	2.50	P-CMT	PP	CMTPRI	<p>CMt 7" CSG; FIRST STAGE AS FOLLOWS</p> <p>20 BBLS H2O SPACER</p> <p>LEAD W / 210 SKS ECONOCEM</p> <p>MIXED @ 11.9 PPG @ 2.48 CF / SK</p> <p>14.3 GALS PER SKS = 72 BBLS MIXING H2O</p> <p>TOTAL = 520 CF FOR 92.8 BBLS</p> <p>TAIL W / 360 SKS HAL SEM</p> <p>MIXED @ 13.2 PPG @ 1.33 CF / SK</p> <p>8.39 GALS PER SKS = 72 BBLS MIXING H2O</p> <p>TOTAL = 579.6 CF FOR 103.2 BBLS SLY</p> <p>DISPLACE W / 150 BBLS FW 341.6 OF MUD TOTAL 491.6</p> <p>BUMP PLUG @ 1330 HR 3 / 25 / 11</p> <p>RELEASE PRESSURED .</p> <p>FLOAT HELD OK.</p>
13:30	14:30	1.00	P-CMT	PP	RU_RD	OPEN CEMENTING HEAD DROP BOMB
14:30	15:00	0.50	P-CMT	PP	CIRC	PRESSURE UP WITH HALLIBURTON OPEN DV TOOL WITH 738 PSI
15:00	19:00	4.00	P-CMT	PP	CIRC	CIRCULATE DV TOOL PRIOR SECOND STAGE CEMENTING JOB (CIRCULATE 10 BBLS TO SURFACE)
19:00	19:30	0.50	P-CMT	PP	SFTY	SAFETY MEETING CEMENTING SECOND STAGE

19:30	20:30	1.00	P-CMT	PP	CMTSEC	CMt 7" CSG; SECOND STAGE AS FOLLOWS 20 BBLS H2O SPACER LEAD W / 710 SKS ECONOCEM MIXED @ 11.9 PPG @ 2.48 CF / SK 14.44 GALS PER SKS = 244.1 BBLS MIXING H2O TOTAL = 1760.8 CF FOR 313.6 BBLS SLY TAIL W / 100 SKS HAL SEM MIXED @ 14.4 PPG @ 1.25 CF / SK 5.78 GALS PER SKS = 13.76 BBLS MIXING H2O TOTAL = 125.2 CF FOR 22.3 BBLS SLY DISPLACE W / 349.6 BBLS FW DV TOOL CLOSED @ 2030 HR 3 / 25 / 11 CLOSEING PSI 2850 NO CMT TO SURFACE RELEASE PRESSURE DV TOOL CLOSED 2.5 BBLS BACK
20:30	21:00	0.50	P-CMT	PP	RURDCU	RIG DOWN HALLIBURTON EQUIPMENT
21:00	22:30	1.50	P-NUP	PP	BOPS	NIPPLE DOWN BOPS LIFT STACK TO SET SLIPES
22:30	0:00	1.50	P-NUP	PP	WLHEAE	PULL UP WEAR BUSHING; WEATHERFORD SET SLIPS WITH 379K STRING WEIGHT

REPORT DATE: 03/26/2011

REPORT NO: 3

MD: 2,999.0 (ft)	TVD: 2,999.0 (ft)	DFS: 0.00	DOL: 0.00
24 HR PROG: (ft)	ROT HRS:: 0.00 (hr)	MW: 0	VIS: 0
DAILY DHC: 0 (USD)	EVENT DHC: 0 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 10,503 (USD)	EVENT CWC: 435,102 (USD)	CUM CWC: 435,102 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 3,698 (USD)	CUM OTH: 3,698 (USD)	
DAILY TOT: 10,503 (USD)	EVENT TOT: 438,801 (USD)	CUM TOT: 3,185,311 (USD)	

CURRENT STATUS: RIGGING DOWN; PREPAIR FOR RIG MOVE ;WAITING ON TRUCKS TO ; MOVE TO BAKKE 155

24 HR FORECAST: RIG DOWN RIG REPAIR ; WAIT ON TRUCKS

DAILY OPS:

06:00 UPDATE: NIPPLE DOWN BOPS ; JET CLEAN PITS; RELEASE RIG 0830 HR 3 / 36 / 11 ; RIG DOWN ; WAIT ON TRUCKS

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	2:30	2.50	P-NUP	PP	BOPS	FINISH NIPPLE DOWN BOPS; LAY DOWN
2:30	8:30	6.00	P-DRL	PP	RU_RD	JET CLEAN STEAL PITS; RELEASE RIG 0830 HR 3 / 25 / 11
8:30	0:00	15.50	R-MOB-DEMOB	PP	DEMOB	RIG DOWN ; PREPAIR TO MOVE RIG ; RIG REPAIR

REPORT DATE: 03/27/2011

REPORT NO: 4

MD: 2,999.0 (ft)	TVD: 2,999.0 (ft)	DFS: 0.00	DOL: 0.00
24 HR PROG: (ft)	ROT HRS:: 0.00 (hr)	MW: 0	VIS: 0
DAILY DHC: 0 (USD)	EVENT DHC: 0 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 3,225 (USD)	EVENT CWC: 438,327 (USD)	CUM CWC: 438,327 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 3,698 (USD)	CUM OTH: 3,698 (USD)	
DAILY TOT: 3,225 (USD)	EVENT TOT: 442,025 (USD)	CUM TOT: 3,188,536 (USD)	

CURRENT STATUS: RIGGING DOWN ; RIG REPAIR ; WORK ON STEAL PITS

24 HR FORECAST: WAIT ON DAY LIGHT ; WAIT ON TRUCKS; RIG DOWN; RIG REPAIR

DAILY OPS:



06:00 UPDATE: WAIT ON DAY LIGHT ; WAIT ON TRUCKS; RIG DOWN ; RIG REPAIR WORKON STEAL PITS

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	6:00	6.00	R-MOB-DEMOB	PP	DEMOB	WAIT ON DAY LIGHT
6:00	20:00	14.00	R-MOB-DEMOB	PP	DEMOB	WAIT ON TRUCKS; RIG DOWN; RIG REPAIR ; REPLACE ALL VALUES IN PITS
20:00	0:00	4.00	R-MOB-DEMOB			WAIT ON DAY LIGHT



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**
OPERATOR: **APACHE CORPORATION** LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND
FIELD: **BLOCK 06, NE** DISTRICT: **ANDREWS - TX NCZ** STATE: **TEXAS**
COUNTY: **ANDREWS** PLAN DEPTH: 13,689.0 (ft)
APA WI%: 100.00 CONTRACTOR: **BASIC ENERGY BASIC 30**
FORMATION: **ELLENBURGER** API #: 42-003-42159 SPUD DATE: 01/15/2011
ACTIVE DATUM: **RKB/RT2** @ **2,988.0 (ft)** **BASIC - 30**
AFE #: **TC-10-0435-D** AFE DESC: **DRILL A SWD WELL TO 13900'.**
AFE DHC: 1,891,000.00 (USD) AFE CWC: 0.00 (USD)
AFE DCC: 0.00 (USD) AFE TOT: 1,891,000.00 (USD)

EVENT: **LAND-ORIG DRLG**

REPORT DATE: **04/09/2011**

REPORT NO: 80

MD: 13,373.0 (ft)	TVD: 13,368.7 (ft)	DFS: 69.04	DOL: 78.00
24 HR PROG: 13,384.0 (ft)	ROT HRS:: 0.00 (hr)	MW: (ft)	VIS: (s/qt)
DAILY DHC: 0 (USD)	EVENT DHC: 2,746,511 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 445,250 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 0 (USD)	EVENT TOT: 2,746,511 (USD)	CUM TOT: 3,191,760 (USD)	

CURRENT STATUS: WAITING ON TECH. TO WORK ON HYD. SYSTEM

24 HR FORECAST: FIX HYD. SYSTEM NIPPLE UP BOP., PICK-UP D.P.

DAILY OPS: RIG IS DOWN WITH HYDRAULIC PROBLEMS

06:00 UPDATE: WAITING ON TECH TO ARRIVE ON LOCATION

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	0:00	24.00	R-MOB-DEMOB	PN	DEMOB	RIG IS DOWN WITH HYDRAULIC PROBLEMS

REPORT DATE: **04/10/2011**

REPORT NO: 81

MD: 13,373.0 (ft)	TVD: 13,368.7 (ft)	DFS: 70.04	DOL: 79.00
24 HR PROG: 0 (ft)	ROT HRS:: 0.00 (hr)	MW: (ft)	VIS: (s/qt)
DAILY DHC: 39,156 (USD)	EVENT DHC: 2,785,667 (USD)	CUM DHC: 2,785,667 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 445,250 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 0 (USD)	EVENT OTH: 0 (USD)	CUM OTH: 0 (USD)	
DAILY TOT: 39,156 (USD)	EVENT TOT: 2,785,667 (USD)	CUM TOT: 3,230,917 (USD)	

CURRENT STATUS: PU PIPE AND GOING IN THE HOLE

24 HR FORECAST: GO IN THE HOLE & DRILL D.V. TOOL, THEN GO TO BOTTOM DRILL FLOAT COLLAR

DAILY OPS: RIG WAS DOWN WITH HYDRAULIC PROBLEMS, RIG UP, CUT DRLG LINE, RIG UP, NU BOP

06:00 UPDATE: NU BOP, CHOKE, HOOK UP FLOW LINE, STRAP COLLARS & DRILL PIPE, MU BIT AND PU D.C.



OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	13:00	13.00	R-MOB-DEMOB	PN	MOB	RIG WAS DOWN FOR HYDRAULIC PUMP PROBLEMS
13:00	14:00	1.00	R-MOB-DEMOB	PP	MOB	RIG UP FLOOR
14:00	16:00	2.00	R-MOB-DEMOB	PP	CUTDL	SLIP & CUT DRLG LINE
16:00	18:00	2.00	R-MOB-DEMOB	PP	MOB	FINISH RIGGING UP FLOOR
18:00	0:00	6.00	P-WORK	PP	BOPS	NIPPLE UP BOP



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

ACTIVE DATUM: **RKB/RT**

@ **2,988.0 (ft)**

BASIC - 30

AFE #: **TC-10-0435-C**

AFE DESC: **DRL & COMPL A SWD WELL TO 13900'**

AFE DHC: **0.00**

(USD)

AFE CWC: **1,089,000.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **1,089,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: LAND-RE ENTRY

REPORT DATE: **04/11/2011**

REPORT NO: **82**

MD: **13,373.0 (ft)**

TVD: **13,368.7 (ft)**

DFS: **0.00**

DOL: **2.00**

24 HR PROG: **(ft)**

ROT HRS: **0.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

(USD)

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

(USD)

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

(USD)

CUM DCC: **0.00 (USD)**

DAILY OTHER: **24,572 (USD)**

EVENT OTH: **63,729 (USD)**

(USD)

CUM OTH: **63,729 (USD)**

DAILY TOT: **24,572 (USD)**

EVENT TOT: **63,729 (USD)**

(USD)

CUM TOT: **3,258,713 (USD)**

CURRENT STATUS: **PU D.P. AND GOING IN TO THE FLOAT COLLAR**

24 HR FORECAST: **DRLG DV TOOL, TRIP IN HOLE TO FLOAT COLLAR, DRILL FLOAT COLLAR, & TRIP OUT FOR CBL LOG.**

DAILY OPS: **NU BOP & CHOKE, PU D.C. & D.P., RIG UP SWIVEL.**

06:00 UPDATE: **PICK-UP SWIVEL; DRILL CEMENT TO TOP OF DV TOOL @ 9474; DRILL DV TOOL; LAYDOWN SWIVEL; TIH.**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	4:00	4.00	P-WORK	PP	BOPS	NU BOP & CHOKE, AND HOOK-UP FLOWLINE
4:00	22:30	18.50	P-DRL	PP	TRIP	PU D.C. & D.P TAGGED @ 9,404
22:30	0:00	1.50	P-DRL	PP	RU_RD	RIG UP SWIVEL

EVENT: LAND-ORIG COMP

**REPORT DATE: 04/11/2011**

REPORT NO: 6

MD: 2,988.0 (ft)

TVD: 2,988.0 (ft)

DFS: 0.00

DOL: 0.00

24 HR PROG: (ft)

ROT HRS:: 0.00 (hr)

MW: 0

VIS: 0

DAILY DHC: 0 (USD)

EVENT DHC: 0 (USD)

CUM DHC: 2,746,511 (USD)

DAILY CWC: 3,225 (USD)

EVENT CWC: 448,474 (USD)

CUM CWC: 448,474 (USD)

DAILY DCC: 0.00 (USD)

EVENT DCC: 0.00 (USD)

CUM DCC: 0.00 (USD)

DAILY OTHER: 0 (USD)

EVENT OTH: 0 (USD)

CUM OTH: 63,729 (USD)

DAILY TOT: 3,225 (USD)

EVENT TOT: 448,474 (USD)

CUM TOT: 3,258,713 (USD)

CURRENT STATUS:

24 HR FORECAST:

DAILY OPS:

06:00 UPDATE:

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
		0.00				



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,988.0 (ft)** **BASIC - 30**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: **LAND-RE ENTRY**

REPORT DATE: **04/12/2011**

REPORT NO: **83**

MD: **13,373.0 (ft)**

TVD: **13,368.7 (ft)**

DFS: **0.00**

DOL: **3.00**

24 HR PROG: **0 (ft)**

ROT HRS: **0.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **16,374 (USD)**

EVENT OTH: **80,102 (USD)**

CUM OTH: **80,102 (USD)**

DAILY TOT: **16,374 (USD)**

EVENT TOT: **80,102 (USD)**

CUM TOT: **3,275,087 (USD)**

CURRENT STATUS: **RUNNING CBL LOG W/GRAY WIRELINE**

24 HR FORECAST: **RUN CBL LOG; TIH; DRILL OUT SHOE AND DRILL FORMATION**

DAILY OPS: **DRLG CEMENT; TEST CSG; DRILL DV TOOL; TRIP IN HOLE; DRLG CEMENT & FLOAT COLLAR;
SWEEP HOLE & CIRC BOTTOMS UP; TEST CSG; TOH.**

06:00 UPDATE: **FINISH TRIP OUT; RIG UP LOGGERS & BOP FOR CBL LOG; RUN WIRELINE CBL LOG.**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	2:30	2.50	P-DRL	PP	DOCMT	DRILL CEMENT FROM 9,404' TO 9,474'
2:30	3:00	0.50	P-DRL	PP	TEST	TEST CSG. TO 1500 PSI FOR 15 MIN. PRESS. HELD
3:00	4:00	1.00	P-DRL	PP	DOCMT	DRILL DV TOOL
4:00	4:30	0.50	P-DRL	PP	RU_RD	RIG DOWN SWIVEL
4:30	11:00	6.50	P-DRL	PP	TRIP	TRIP IN HOLE TO 13,248'
11:00	11:30	0.50	P-DRL	PP	RU_RD	RU POWER SWIVEL & BREAK CIRC.
11:30	13:00	1.50	P-DRL	PP	DOCMT	DRLG CEMENT & FLOAT COLLAR & 20' CEMENT BELOW THE FLOAT COLLAR
13:00	15:00	2.00	P-DRL	PP	CIRC	SWEEP & CIRC. HOLE
15:00	15:30	0.50	P-DRL	PP	TEST	TEST CSG. TO 1500PSI. PRESS. HELD
15:30	16:00	0.50	P-DRL	PP	RU_RD	RD POWER SWIVEL
16:00	0:00	8.00	P-DRL	PP	TRIP	TOH FOR CBL LOGG



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ 2,988.0 (ft) BASIC - 30

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: **LAND-RE ENTRY**

REPORT DATE: **04/13/2011**

REPORT NO: **84**

MD: **13,442.0 (ft)**

TVD: **13,437.7 (ft)**

DFS: **0.00**

DOL: **4.00**

24 HR PROG: **69.0 (ft)**

ROT HRS:: **3.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **22,457 (USD)**

EVENT OTH: **102,559 (USD)**

CUM OTH: **102,559 (USD)**

DAILY TOT: **22,457 (USD)**

EVENT TOT: **102,559 (USD)**

CUM TOT: **3,297,544 (USD)**

CURRENT STATUS: **DRLG IN 100 % DOLAMITE @ 13 461'**

24 HR FORECAST: **DRLG.**

DAILY OPS: **TOH; RUN CBL LOG; TIH; DRLG CEMENT; DRLG NEW HOLE.**

06:00 UPDATE: **DRLG TO 13,465; NO FLUID LOSS; NO GAINS.**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	1:30	1.50	P-DRL	PP	TRIP	TOH FOR CBL LOG
1:30	7:00	5.50	P-DRL	PP	LOG	RIG UP LOGGING TRUCK, RUN CBL LOG, RIG DOWN LOGGING TRUCK
7:00	10:00	3.00	P-DRL	CN	TRIP	HYDRAULIC PUMP PROBLEMS
10:00	18:30	8.50	P-DRL	PP	TRIP	TIH
18:30	21:00	2.50	P-DRL	PP	DOCMT	DRLG CEMENT
21:00	0:00	3.00	P-DRL	PP	DRLG	DRLG FROM 13,361 TO 13,432



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,988.0 (ft)** **BASIC - 30**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: **LAND-RE ENTRY**

REPORT DATE: **04/14/2011**

REPORT NO: **85**

MD: **13,700.0 (ft)**

TVD: **13,695.4 (ft)**

DFS: **0.00**

DOL: **5.00**

24 HR PROG: **258.0 (ft)**

ROT HRS: **21.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **32,009 (USD)**

EVENT OTH: **134,568 (USD)**

CUM OTH: **134,568 (USD)**

DAILY TOT: **32,009 (USD)**

EVENT TOT: **134,568 (USD)**

CUM TOT: **3,329,552 (USD)**

CURRENT STATUS: **LAYING DOWN 3 1/2" DP**

24 HR FORECAST: **LD DP; CLEAN PITS; & NIPPLE DOWN BOP; & RELEASE RIG.**

DAILY OPS: **DRLG TO TD @ 13,700'; CIRC & PUMP SWEEPS & COND MUD**

06:00 UPDATE: **CIRC; RIG DOWN SWIVEL; RIG UP EXPRESS LD MACHINE; LD DP**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	21:00	21.00	P-DRL	PP	DRLG	DRLG FROM 13,442' TO 13,700'
21:00	0:00	3.00	P-DRL	PP	CIRC	CIRC; PUMP SWEEPS & COND. HOLE TO LD DP



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,988.0 (ft)** **BASIC - 30**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: **LAND-RE ENTRY**

REPORT DATE: **04/15/2011**

REPORT NO: **86**

MD: **13,815.0 (ft)**

TVD: **13,810.3 (ft)**

DFS: **0.00**

DOL: **6.00**

24 HR PROG: **115.0 (ft)**

ROT HRS: **8.00 (hr)**

MW: **(ft)**

VIS: **(s/qt)**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **26,974 (USD)**

EVENT OTH: **161,542 (USD)**

CUM OTH: **161,542 (USD)**

DAILY TOT: **26,974 (USD)**

EVENT TOT: **161,542 (USD)**

CUM TOT: **3,356,527 (USD)**

CURRENT STATUS: **T.D. DEPTH 13,825' LD DP**

24 HR FORECAST: **LD DP, CLEAN PITS, ND BOP, RELEASE RIG.**

DAILY OPS: **CIRC. RD SWIVEL, RU LD MACHINE, LD DP, WOO, PU DP, WORK ON DRAWWORKS, PU DP, RD LD MACHINE, RIG REPAIR-WINCH LINE, DRLG.**

06:00 UPDATE: **DRLG FROM 13,815' TO 13,825'; PUMP SWEEPS AND COND. HOLE; LD SWIVEL; RU LD MACHINE; LD DP; NO FLUID LOSS; NO GAINS.**

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	1:30	1.50	P-DRL	PP	CIRC	CIRC. SWEEPS
1:30	3:00	1.50	P-DRL	PP	RU_RD	RD SWIVEL & RU LAYDOWN MACHINE
3:00	7:30	4.50	P-DRL	PP	PU_LD	LD DP
7:30	8:30	1.00	P-DRL	CP	WOO	WAITING ON ORDERS FROM OFFICE
8:30	9:30	1.00	P-DRL	PP	PU_LD	PU DP AND GO BACK IN THE HOLE
9:30	10:30	1.00	P-DRL	CN	PU_LD	DRAWWORKS WOULD'NT ENGAGE
10:30	13:30	3.00	P-DRL	PP	PU_LD	PU DP & RUN IN THE HOLE
13:30	14:30	1.00	P-DRL	PP	RU_RD	RD LAYDOWN MACHINE
14:30	16:00	1.50	P-DRL	CN	DRLG	RIG REPAIR - WINCH LINE BROKE, HAD TO RESTRING THROUGH THE CROWN
16:00	0:00	8.00	P-DRL	PP	DRLG	DRLG FROM 13,700' TO 13,815

REPORT DATE: 04/16/2011
REPORT NO: 87

MD: 13,825.0 (ft)	TVD: 13,820.3 (ft)	DFS: 0.00	DOL: 7.00
24 HR PROG: 10.0 (ft)	ROT HRS: 0.50 (hr)	MW: (ft)	VIS: (s/qt)
DAILY DHC: 0 (USD)	EVENT DHC: 0 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 448,474 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 42,105 (USD)	EVENT OTH: 203,647 (USD)	CUM OTH: 203,647 (USD)	
DAILY TOT: 42,105 (USD)	EVENT TOT: 203,647 (USD)	CUM TOT: 3,398,632 (USD)	

CURRENT STATUS: RIGGING DOWN; WAITING ON TRUCKS & FORKLIFT TO LOAD DP, DC, BOP, TOOLS.
24 HR FORECAST: RELEASE ALL RENTAL EQUIP. LOAD OUT DP. DC. BOP & TOOLS FOR WEATHERFORD
DAILY OPS: DRLG; CIRC;RU LD MACHINE;LD DP & DC; RD LD MACHINE; ND BOP; JET & CLEAN PITS; RELEASE RIG.
06:00 UPDATE: RIGGING DOWN; WAITING ON TRUCKS & FORKLIFT TO LOAD DP, DC, BOP, TOOLS. RIG WAS RELEASED MIDNITE.
OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
0:00	0:30	0.50	P-DRL	PP	DRLG	DRLG FROM 13,815 TO 13,825
0:30	4:30	4.00	P-DRL	PP	CIRC	CIRC. PUMP SWEEPS & COND.
4:30	5:30	1.00	P-DRL	PP	RU_RD	RD POWER SWIVEL & RU LD MACHINE
5:30	17:00	11.50	P-DRL	PP	PU_LD	LD DP & DC
17:00	18:00	1.00	P-DRL	PP	RU_RD	RD LD MACHINE
18:00	21:00	3.00	P-NUP	PP	BOPS	ND BOP & PLACE WELL CAP ON WELL
21:00	0:00	3.00	R-MOB-DEMOB	PP	DEMOB	JET & CLEAN PITS; RELEASED RIG @ MIDNITE - 00:00

REPORT DATE: 04/17/2011
REPORT NO: 88

MD: 13,825.0 (ft)	TVD: 13,820.3 (ft)	DFS: 0.00	DOL: 8.00
24 HR PROG: (ft)	ROT HRS: 0.00 (hr)	MW: (ft)	VIS: (s/qt)
DAILY DHC: 0 (USD)	EVENT DHC: 0 (USD)	CUM DHC: 2,746,511 (USD)	
DAILY CWC: 0 (USD)	EVENT CWC: 0 (USD)	CUM CWC: 448,474 (USD)	
DAILY DCC: 0.00 (USD)	EVENT DCC: 0.00 (USD)	CUM DCC: 0.00 (USD)	
DAILY OTHER: 9,764 (USD)	EVENT OTH: 213,412 (USD)	CUM OTH: 213,412 (USD)	
DAILY TOT: 9,764 (USD)	EVENT TOT: 213,412 (USD)	CUM TOT: 3,408,397 (USD)	

CURRENT STATUS: RELEASE RIG
24 HR FORECAST:
DAILY OPS:



06:00 UPDATE:

OPERATIONS SUMMARY

FROM	TO	HRS	PHASE	C	CODE	ACTIVITY SUMMARY
		0.00				



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,988.0 (ft)** **BASIC - 30**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: **LAND-RE ENTRY**

REPORT DATE: **04/20/2011**

REPORT NO: **89**

MD: **13,825.0 (ft)**

TVD: **2,988.0 (ft)**

DFS: **0.00**

DOL: **0.00**

24 HR PROG: **(ft)**

ROT HRS: **0.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **13,540 (USD)**

EVENT OTH: **226,952 (USD)**

CUM OTH: **226,952 (USD)**

DAILY TOT: **13,540 (USD)**

EVENT TOT: **226,952 (USD)**

CUM TOT: **3,421,937 (USD)**

CURRENT STATUS:

24 HR FORECAST: **PU TIH W/ PKR, TBG. TESTING**

DAILY OPS:

06:00 UPDATE: **GANG & BACKHOLE DUG OUT SEALER RAN SURFACE LINES OUT SEALER WRAPED LINES & CONNECTIONS. X FILLED SEALER W/ EA GRAVEL X SET RIG MAT X MIRU SERVICE UNIT X MI CAT WALK PIPE RACKS, LD MACHINE, UNLOADED & RACK TALLY TBG. NU BOP X DUG & LINED WORK OVER PIT X SION**



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: **1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND**

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,988.0 (ft)** **BASIC - 30**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: LAND-RE ENTRY

REPORT DATE: **04/21/2011**

REPORT NO: **90**

MD: **13,825.0 (ft)**

TVD: **2,988.0 (ft)**

DFS: **0.00**

DOL: **0.00**

24 HR PROG: **(ft)**

ROT HRS: **0.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **15,550 (USD)**

EVENT OTH: **242,502 (USD)**

CUM OTH: **242,502 (USD)**

DAILY TOT: **15,550 (USD)**

EVENT TOT: **242,502 (USD)**

CUM TOT: **3,437,487 (USD)**

CURRENT STATUS:

24 HR FORECAST: **RU TBG. TESTER X RESUME TIH W/ TBG. SET PKR. 13300' CIRC. PKR. FLUID**

DAILY OPS:

06:00 UPDATE: **OPEN WELL WITH NO PRESSURE. RU TBG TESTER. PU & TIH WITH 7" X 2 7/8" AS1X NICKEL COATED PKR W/ PUMP OUT PLUG & 249 JTS 3 1/2" IPC TBG. RU PUMP TRUCK. PUMP 55 BBLS FRESH WATER
DOWN TBG. RD PUMP TRUCK. TIH WITH 52 JTS. LEAVE PKR & 301 JTS SWINGING @ 9657'.
RD TBG TESTER & SION.
HAD 400BBLS FRESH WATER HAULED & PUT IN FRAC TANK TO MIX PACKER FLUID.**



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME: **UNIVERSITY EX 2 SWD**

OPERATOR: **APACHE CORPORATION**

FIELD: **BLOCK 06, NE**

COUNTY: **ANDREWS**

APA WI%: **100.00**

FORMATION: **ELLENBURGER**

ACTIVE DATUM: **RKB/RT**

LOCATION: 1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND

DISTRICT: **ANDREWS - TX NCZ**

STATE: **TEXAS**

PLAN DEPTH: **13,689.0 (ft)**

CONTRACTOR: **BASIC ENERGY BASIC 30**

API #: **42-003-42159**

SPUD DATE: **01/15/2011**

@ **2,988.0 (ft)** **BASIC - 30**

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

AFE #: **TC-10-0435-D**

AFE DESC: **DRILL A SWD WELL TO 13900'.**

AFE DHC: **1,891,000.00**

(USD)

AFE CWC: **0.00**

(USD)

AFE DCC: **0.00**

(USD)

AFE TOT: **3,782,000.00**

(USD)

EVENT: **LAND-RE ENTRY**

REPORT DATE: **04/25/2011**

REPORT NO: **92**

MD: **13,825.0 (ft)**

TVD: **2,988.0 (ft)**

DFS: **0.00**

DOL: **0.00**

24 HR PROG: **(ft)**

ROT HRS: **0.00 (hr)**

MW: **0**

VIS: **0**

DAILY DHC: **0 (USD)**

EVENT DHC: **0 (USD)**

CUM DHC: **2,746,511 (USD)**

DAILY CWC: **0 (USD)**

EVENT CWC: **0 (USD)**

CUM CWC: **448,474 (USD)**

DAILY DCC: **0.00 (USD)**

EVENT DCC: **0.00 (USD)**

CUM DCC: **0.00 (USD)**

DAILY OTHER: **5,805 (USD)**

EVENT OTH: **274,049 (USD)**

CUM OTH: **274,049 (USD)**

DAILY TOT: **5,805 (USD)**

EVENT TOT: **274,049 (USD)**

CUM TOT: **3,469,034 (USD)**

CURRENT STATUS:

24 HR FORECAST: **CONSULT W/ ENGINEER**

DAILY OPS:

06:00 UPDATE: MIRU PUMP TRUCK. OPEN INTERMEDIATE CASING. SMALL FLOW OUT INTERMEDIATE. HAVE CHEMICAL REP TEST CHLORIDES. SHOWED 10000 TO 11000 PPM. PRESSURE UP TO 750 PSI ON 7" CASING. RUN H5 TEST. 30 MIN CHART GOOD. RU PUMP TRUCK TO INTERMEDIATE AND PUMP 130 BBLs OF 2% KCL WATER @ 2 BPM AT 750 PSI. NO CHANGE ON 7" CASING AND NO BLOW ON SURFACE PIPE. ISIP-700 PSI. AFTER 15 MIN LOST 110 PSI. CONSULT ENGINEER. BLEED OFF PRESSURE ON 7" CASING AND LEAVE INTERMEDIATE OPEN TO PIT MONITORING THRU NIGHT.



REGION: **PERMIAN**
TYPE: **OPERATED**

PARTNER: UNIVERSITY LANDS OIL, GAS & MINERALS

CONTACT: DRILLINGREPORTS email

E-MAIL: drillingreport@utsystem.edu

FAX:

WELL NAME:	UNIVERSITY EX 2 SWD	LOCATION:	1355' FSL & 2174 FEL, SECTION 25, BLK 6, UNIVERSITY LAND		
OPERATOR:	APACHE CORPORATION	DISTRICT:	ANDREWS - TX NCZ		
FIELD:	BLOCK 06, NE	STATE:	TEXAS		
COUNTY:	ANDREWS	PLAN DEPTH:	13,689.0 (ft)		
APA WI%:	100.00	CONTRACTOR:	BASIC ENERGY BASIC 30		
FORMATION:	ELLENBURGER	API #:	42-003-42159		
		SPUD DATE:	01/15/2011		
ACTIVE DATUM:	RKB/RT	@	2,988.0 (ft)		
			BASIC - 30		
AFE #:	TC-10-0435-D	AFE DESC:	DRILL A SWD WELL TO 13900'.		
AFE DHC:	1,891,000.00	(USD)	AFE CWC:	0.00	(USD)
AFE DCC:	0.00	(USD)	AFE TOT:	3,782,000.00	(USD)
AFE #:	TC-10-0435-D	AFE DESC:	DRILL A SWD WELL TO 13900'.		
AFE DHC:	1,891,000.00	(USD)	AFE CWC:	0.00	(USD)
AFE DCC:	0.00	(USD)	AFE TOT:	3,782,000.00	(USD)

EVENT: LAND-RE ENTRY

REPORT DATE: 04/27/2011

REPORT NO: 94

MD:	13,825.0 (ft)	TVD:	2,988.0 (ft)	DFS:	0.00	DOL:	0.00	
24 HR PROG:	(ft)	ROT HRS::	0.00 (hr)	MW:	0	VIS:	0	
DAILY DHC:	0	(USD)	EVENT DHC:	0	(USD)	CUM DHC:	2,746,511	(USD)
DAILY CWC:	0	(USD)	EVENT CWC:	0	(USD)	CUM CWC:	448,474	(USD)
DAILY DCC:	0.00	(USD)	EVENT DCC:	0.00	(USD)	CUM DCC:	0.00	(USD)
DAILY OTHER:	4,050	(USD)	EVENT OTH:	322,095	(USD)	CUM OTH:	322,095	(USD)
DAILY TOT:	4,050	(USD)	EVENT TOT:	322,095	(USD)	CUM TOT:	3,517,080	(USD)

CURRENT STATUS:

24 HR FORECAST: TEST INTERMEDIATE CSG

DAILY OPS:

06:00 UPDATE: OPEN INTERMEDIATE CSG VALVE WAS ON VACUME FOR 45 SECONDS SHUT VALVE WAIT FOR CEMENT TO SET UNTILL THURSDAY TEST CEMENT HAD GANG LOAD 3 1/2" 8 RD FIBERGLASS INJECTION PIPE HAUL TO UNIV. EX SWD X MADE PARTS LIST ORDERED PARTS X FIBERGLASS TECH LINED UP FOR FRIDAY TO BUILD RISERS FOR WELL HEAD , SET ACID JOB UP FOR MONDAY

REPORT DATE: 04/28/2011

REPORT NO: 95

MD:	13,825.0 (ft)	TVD:	2,988.0 (ft)	DFS:	0.00	DOL:	0.00	
24 HR PROG:	(ft)	ROT HRS::	0.00 (hr)	MW:	0	VIS:	0	
DAILY DHC:	0	(USD)	EVENT DHC:	0	(USD)	CUM DHC:	2,746,511	(USD)
DAILY CWC:	0	(USD)	EVENT CWC:	0	(USD)	CUM CWC:	448,474	(USD)
DAILY DCC:	0.00	(USD)	EVENT DCC:	0.00	(USD)	CUM DCC:	0.00	(USD)
DAILY OTHER:	8,000	(USD)	EVENT OTH:	330,095	(USD)	CUM OTH:	330,095	(USD)
DAILY TOT:	8,000	(USD)	EVENT TOT:	330,095	(USD)	CUM TOT:	3,525,080	(USD)

CURRENT STATUS:

24 HR FORECAST: ACIDIZE MONDAY

DAILY OPS:



06:00 UPDATE: OPEN INTERMEDIATE CSG. ON VAC. 15 SECONDS X RU PUMP TRUCK X PUMED 5 GALS. BIOCID
E , 5GALS. WEIGHTED INHIBITER , CIRC. 38 BBLS PKR. FLUID IN INTERMEDIATE X TOP OF CEMENT
@ 1346' FROM SUFACE X ND BOP X NU WELL HEAD X RUN H-5 X GOOD CHART X RU ON TBG.
PUMP OUT PLUG X RDMO X MOVED 2 % KCL INTO FRAC TANK