

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

<b>Operator</b> HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		<b>FIELD NAME</b> WOLFCAMP OP		<b>SPUD DATE</b> 12/09/2013	<b>FGS</b>	<b>GL</b> 2,450	<b>KB</b> 2,472	<b>WELL USER KEY</b> L369004007
<b>API</b> 4210541911	<b>STATE</b> TX	<b>COUNTY</b> CROCKETT	<b>DIVISION</b> OPERATIONS - PERMIAN		<b>UWI</b> SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND			

**Lat/Long.:** 30° 56' 25.501200 N / 100° 59' 48.400800 W

**REPORT DATE:** 12/03/2013      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$98,069.50      **CUM:** \$98,069.50      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** LAND & CONSTR  
**OBJECTIVE:** LAND & CONSTRUCTION

**START DATE:**      **END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:**

**DAILY DETAILS:** FACILITY COST

**REPORT DATE:** 12/03/2013      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$10,000.00      **CUM:** \$10,000.00      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** DRILL  
**OBJECTIVE:** DRILLING

**START DATE:** 12/08/2013      **END DATE:** 12/22/2013

**AFE NO:** 1300645

**DAILY DETAILS:**

**REPORT DATE:** 12/08/2013      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$0.00      **CUM:** \$10,000.00      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** DRILL  
**OBJECTIVE:** DRILLING

**START DATE:** 12/08/2013      **END DATE:** 12/22/2013

**AFE NO:** 1300645

**DAILY DETAILS:** R/D PREPARE TO WALK RIG

**REPORT DATE:** 12/09/2013      **MD:** 100      **TVD:** 100      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$32,950.47      **CUM:** \$42,950.47      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** DRILL  
**OBJECTIVE:** DRILLING

**START DATE:** 12/08/2013      **END DATE:** 12/22/2013

**AFE NO:** 1300645

**DAILY DETAILS:** R/D AND WALK RIG OVER UNIVERSITY UNIT 2-5H, CENTER OVER HLOE @ 1500, SPOT STAIRS, HPU, KOMMEY UNIT & POWER CATWALK R/U ALL ELECTRIC AND HYDRAULIC LINES TEST RUN TOPDRIVE N/U CONDUCTOR AND INSTALL FLOWLINE

**REPORT DATE:** 12/10/2013      **MD:** 1,044      **TVD:** 1,044      **DAYS:** 1      **MW:**      **VISC:**

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Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN		UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

DAILY: \$45,871.88 CUM: \$88,822.35 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: PLACE MOUSEHOLE R/U FILL UP LINE ON CONDUCTOR INSTALL BAILS AND ELEVATORS PLACE PIPE RACKS LOAD AND STRAP BHA, (NOTE POWER CATWALK NOT WORKING) P/U SURFACE BHA TAG @ 100' DRLG 12 1/4" SURFACE F/ 100' T/ 538'= 438' @ 62.7 FPH 10-15K WOB, 90-100 RPMS 3-5K TQ, 502 GPMS 240 PSI WLS @ 509' 0.51" DRLG 12 1/4" SURFACE F/ 538' T/ 1012'= 474' @ 94.8 FPH 10-15K WOB, 90-105 RPMS 3-5K TQ, 502 GPMS 240 PSI ( LOST RETURNS @ 791' PUMP 60 BBL 50 PPB LCM PILL AND REGAIN PARTIAL RETURNS PUMP 30 BBL LCM PILLS EVERY 90' MAINTAINING PARTIAL RETURNS) CIRCULATE 30 BBL HI-VIS 50 PPB LCM SWEEP AROUND TO CLEAN HOLE PRIOR TO WLS WORKING 90' 90-105 RPMS 3-5K TQ, 502 GPMS 240 PSI WLS @ 981' 0.85" DRLG 12 1/4" SURFACE F/ 1012' T/ 1044'= 32' @ 128 FPH 10-15K WOB, 90-105 RPMS 3-5K TQ, 502 GPMS 240 PSI ( LOST RETURNS @ 791' PUMP 60 BBL 50 PPB LCM PILL AND REGAIN PARTIAL RETURNS PUMP 30 BBL LCM PILLS EVERY 90' MAINTAINING PARTIAL RETURNS)

REPORT DATE: 12/11/2013 MD: 1,210 TVD: 1,210 DAYS: 2 MW: VISC:  
DAILY: \$89,495.98 CUM: \$178,318.33 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: DRLG 12 1/4" SURFACE F/ 1044' T/ 1210'= 166' @ 60.3 FPH 10-15K WOB, 90-105 RPMS 3-5K TQ, 502 GPMS 240 PSI (PUMP 30 BBL LCM PILLS EVERY 90' MAINTAINING PARTIAL RETURNS) PUMP 50 BBL OF 50 PPB LCM SWEEP AROUND @ 544 GPM W/300 PSI (MAINTAINING PARTIAL RETURNS) R/U & RUN MS GYRO, SURVEY EVERY 100', COULD NOT GET DOWN PASS 1030' WLM, TOOL HUNG UP ATTEMPTING TO FREE TOOL, FREED TOOL, POOH W/ WIRELINE ( SURVEYS NO GOOD) SERVICE RIG TOH F/1197' T/172' (NO TIGHT SPOTS) RACK BACK 1 STAND 6' DC'S, L/D TRANSITION X-O, STAB, BREAK BIT, & 8" DC'S R/U L/D TRUCK TO L/D 2- 8" DC'D DUE TO POWER CATWALK NOT WORKING. L/D 8" DRILL COLLARS N/D CONDUCTOR PJSM AND R/U CASING CREW M/U SHOE TRACK & FLOAT COLLAR, R/U CRT, FLOW TEST AND TACK WELD FLOAT EQUIPMENT, RUN 9 5/8" 36# J-55 LTC CSG F/ 84' T1052', WASH DOWN F/1052' T/ 1204' CIRCULATE @ 6 BPM PARTIAL RETURNS 60 PSI WHILE R/D CASING CREW AND L/D TRUCK AND R/U AND PJSM W/ CEMENTERS TIE INTO CEMENTERS, TEST LINES T/3500 PSI, PUMP 20 BBLS OF FW W/ 0 PSI, PUMP SCAVENGER SLURRY 102 BBL CLASS C CEMENT +1% CACL2 + 3% SMS +0.25 PPSCLLOFLAKE + 0.01% STATIC FREEYIELD 4.09 CF/SACK W/130 PSI PARTIAL RETURNS CEMENT JOB INCOMPLETE AT TIME OF REPORT

REPORT DATE: 12/12/2013 MD: 1,210 TVD: 1,210 DAYS: 3 MW: VISC:  
DAILY: \$88,361.99 CUM: \$266,680.32 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: PUMP LEAD SLURRY 204 SKS OR 105 BBLS CLASS C CEMENT + 0.01 BWOC STATIC FREE+ 1% BWOC CALCIUM CHLORIDE + 0.25 LBS/SKCELLO FLAKE + 3% SODIUM METASILICATE WITH YIELD 2.89 CF/SACK W/ 166 PSI @ 5 BPM, TAIL SLURRY 277 SKS OR 66 BBLS CLASS C CEMENT+ 1% BWOC CALCIUM CHLORIDE .01% STATIC FREE, YIELD 1.34 CF/SACK W/ 150 PSI @ 5 BPM. DROP PLUG, DISPLACE CMT W/ 90 BBLS ( CALCULATED DISPLACEMENT 90 BBLS W/ F/W 5 BPM W/ 376 PSI, SLOW PUMPS W/ 10 BBLS REMAINING T/ 2.5 BPM W/ 350 PSI, BUMP PLUG AND INCREASE PRESS T/ 750 PSI, HELD 5 MIN, BLEED OFF PRESS AND 1/2 BBL, FLT HELD CMT IN PLACE AT 06:53 HRS ON 12/11/2013, RETURNS TO SURFACE THRU JOB, 135 BBL CMT RETURNS TO SURFACE. CMT FAIL BACK 35' BELOW GROUND LEVEL. NOTIFIED TRRC SPOKE W/ BILL SPRAGGINS ON CMT RETURNS & CMT FAIL BACK BELOW GROUND LEVEL 35', TOP OUT PUMPED W/ 21 BBL CMT 90 SKS CLASS C + 2% CaCl2 14.8 PPG 1.34 YIELD (CEMENT TO SURFACE AND HOLDING) L/D LANDING JT ASSY, INSTALL WELL HEAD VALVES LAND BOP ON WELL HEAD, C/O BAILS & ELEVATORS R/U AND RUN GYRO ON WIRELINE N/U BOP'S TEST CHOKE MANIFOLD OFFLINE 350 PSI LOW, 5000 PSI HIGH, INSTALL BELL NIPPLE, TEST BOP'S, TPR, BPR, BLINDS, KILL LINE & VALVES, HCR, 4" MANUAL, 350 PSI LOW, 5000 PSI HIGH, ANNULAR 350 PSI LOW, 3500 PSI HIGH, TEST FLOOR SAFETY VALVES, SURFACE EQUIPMENT BACK TO PUMPS 350 PSI LOW, 5000 PSI HIGH, ALL TEST 5 MIN. R/D TESTERS TEST CASING TO 1000 PSI 30 MIN INSTALL WEAR BUSHING INSTALL DRIP PANS AND TURNBUCKLES LAY DOWN 6" DRILL COLLARS

REPORT DATE: 12/13/2013 MD: 1,747 TVD: 1,746 DAYS: 4 MW: 9 VISC: 60  
DAILY: \$131,564.80 CUM: \$398,245.12 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN		UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

**DAILY DETAILS:** P/U DIR TOOLS, SCRIBE TOOLS TIH T/ 1140' TAG CMT DRLG SHOE TRACK F/ 1160' T/ 1204', GPM 375, PP 600 PSI, RPM 30, WOB 10-15K( DISPLACE WELL TO OBM DRLG F/ 1210' T/ 1338' FTG 128 AVG 64 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1000 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5000 SLD DRLG F/ 1338' T/ 1353' FTG 15' AVG 30 FPH, T/F 360, GPM 500, DIFF PRESS 200 PSI, PP 1000 PSI DRLG F/ 1353' T/ 1526' FTG 173 AVG 115.3 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1000 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5000 SLD DRLG F/ 1526' T/ 1546' FTG 20' AVG 40 FPH, T/F 360, GPM 500, DIFF PRESS 200 PSI, PP 1000 PSI DRLG F/ 1546' T/ 1621' FTG 85 AVG 85 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1000 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5000 TROUBLESHOOT MAGNETIC INTERFERENCE WITH EM TOOL DUE TO BEING CLOSE TO EXISTING WELL THE UNIVERSITY UNIT 24-4H SLD DRLG F/ 1631' T/ 1641' FTG 10' AVG 40 FPH, T/F 330, GPM 500, DIFF PRESS 200 PSI, PP 1000 PSI CIRCULATING WORKING 90' 502 GPM 900 PSI NO ROTATION WHILE WAITING ON GYRO TO CONFIRM ANGLE AND DIRECTION IN THE HOLE R/U AND RUN GYRO 100' STATIONS DRLG F/ 1641' T/ 1684' FTG 43 AVG 57.3 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1000 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5000 RUN GYRO SURVEY @ 1605' DRLG F/ 1684' T/ 1715' FTG 31 AVG 124 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1000 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5000( EM TOOL WORKING PROPERLY) SLD DRLG F/ 1715' T/ 1731' FTG 16' AVG 32 FPH, T/F 300, GPM 500, DIFF PRESS 200 PSI, PP 1000 PSI DRLG F/ 1731' T/ 1747' FTG 16 AVG 64 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1000 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5000

**REPORT DATE:** 12/14/2013      MD: 4,930      TVD: 4,900      DAYS: 5      MW: 9      VISC: 56  
**DAILY:** \$81,783.32      CUM: \$480,028.44      AFE: \$4,486,906.00      EVENT ACTIVITY: DRILL  
**OBJECTIVE:** DRILLING

START DATE: 12/08/2013

END DATE: 12/22/2013

AFE NO: 1300645

**DAILY DETAILS:** DRLG F/ 1747' T/ 2094' FTG 347 AVG 173.5 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 2094' T/ 2114' FTG 20' AVG 80 FPH, T/F 30RIGHT , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 2114' T/ 2283' FTG 169 AVG 225.3 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 2283' T/ 2303' FTG 20' AVG 40 FPH, T/F HIGH SIDE , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 2303' T/ 2377' FTG 74 AVG 148.0 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 2377' T/ 2397' FTG 20' AVG 80 FPH, T/F HIGH SIDE , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 2397' T/ 2566' FTG 169 AVG 225.3 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 2566' T/ 2591' FTG 25' AVG 100 FPH, T/F 45 RIGHT , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 2591' T/ 2755' FTG 164 AVG 164.0 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 2755' T/ 2787' FTG 32' AVG 128 FPH, T/F 20 RIGHT , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 2787' T/ 2850' FTG 63 AVG 126.0 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 2850' T/ 2870' FTG 20' AVG 80 FPH, T/F 30 LEFT , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 2870' T/ 3134' FTG 264 AVG 150.0 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1200 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 3134' T/ 3165' FTG 31' AVG 124 FPH, T/F 30 RIGHT , GPM 500, DIFF PRESS 200 PSI, PP 1200 PSI DRLG F/ 3165' T/ 3323' FTG 158 AVG 210.6 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 3323' T/ 3354' FTG 31' AVG 62 FPH, T/F 45 RIGHT , GPM 500, DIFF PRESS 200 PSI, PP 1400 PSI DRLG F/ 3354' T/ 3606' FTG 252 AVG 252 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 3606' T/ 3638' FTG 32' AVG 64 FPH, T/F 0 HS , GPM 500, DIFF PRESS 200 PSI, PP 1400 PSI DRLG F/ 3638' T/ 3796' FTG 158 AVG 158 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 3796' T/ 3811' FTG 15' AVG 30 FPH, T/F 0 HS , GPM 500, DIFF PRESS 200 PSI, PP 1400 PSI DRLG F/ 3811' T/ 3985' FTG 174 AVG 139.2 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 3985' T/ 4000' FTG 15' AVG 60 FPH, T/F 75 R , GPM 500, DIFF PRESS 200 PSI, PP 1400 PSI DRLG F/ 4000' T/ 4141' FTG 141 AVG 188 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 TROUBLESHOOT PROBLEM WITH MWD GAMMA AND ROP STOPPED WORKING DRLG F/ 4141' T/ 4647' FTG 506 AVG 139.5 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SLD DRLG F/ 4647' T/ 4663' FTG 16' AVG 32 FPH, T/F 75 R , GPM 500, DIFF PRESS 200 PSI, PP 1400 PSI DRLG F/ 4663' T/ 4930' FTG 267 AVG 118.6 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 3500-5500 SERVICE RIG

**REPORT DATE:** 12/15/2013      MD: 5,876      TVD: 5,828      DAYS: 6      MW: 9      VISC: 54  
**DAILY:** \$82,237.94      CUM: \$562,266.38      AFE: \$4,486,906.00      EVENT ACTIVITY: DRILL  
**OBJECTIVE:** DRILLING

START DATE: 12/08/2013

END DATE: 12/22/2013

AFE NO: 1300645

**DAILY DETAILS:** DRLG F/ 4930' T/ 5561' FTG 631 AVG 168.6 FPH, GPM 500, DIFF PRESS 350-400 PSI, PP 1400 PSI, WOB 15-20K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 5000-8500 SLD DRLG F/ 5561' T/ 5593' FTG 31' AVG 17.7 FPH, T/F 180 , GPM 500, DIFF PRESS 100 PSI, PP 1290 PSI SERVICE RIG & TOP DRIVE SLD DRLG F/ 5593' T/ 5876' FTG 284' AVG 16.2 FPH, T/F 15L , GPM 375, DIFF PRESS 100 PSI, PP 890 PSI

**REPORT DATE:** 12/16/2013      MD: 6,823      TVD: 6,148      DAYS: 7      MW: 9      VISC: 56

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN	UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND			

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

DAILY: \$66,541.03 CUM: \$628,807.41 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
 OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: SLD DRLG F/ 5876' T/ 5926' FTG 50' AVG 22.2 FPH, T/F H/S , GPM 375, DIFF PRESS 100 PSI, PP 890 PSI DRLG F/ 5926' T/ 5939' FTG 13 AVG 52.0 FPH, GPM 500, DIFF PRESS 350 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 5939' T/ 5957' FTG 18' AVG 36.0 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 5957' T/ 5971' FTG 14 AVG 28.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 5971' T/ 6020' FTG 49' AVG 39.2 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6020' T/ 6034' FTG 14 AVG 28.0 FPH, GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6034' T/ 6052' FTG 18' AVG 36.0 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6052' T/ 6065' FTG 13 AVG 52.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6065' T/ 6090' FTG 25' AVG 33.3 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6090' T/ 6097' FTG 7 AVG 28.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6097' T/ 6113' FTG 16' AVG 21.3 FPH, T/F 30 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6113' T/ 6128' FTG 15 AVG 60.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI DRLG F/ 6128' T/ 6144' FTG 16' AVG 21.3 FPH, T/F 30 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6144' T/ 6160' FTG 16 AVG 64.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SERVICE RIG SLD DRLG F/ 6160' T/ 6185' FTG 25' AVG 33.3 FPH, T/F 30 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6185' T/ 6191' FTG 6 AVG 24.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6191' T/ 6216' FTG 25' AVG 33.3 FPH, T/F 30 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6216' T/ 6223' FTG 7 AVG 28.0 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6223' T/ 6238' FTG 15' AVG 20 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6238' T/ 6255' FTG 17 AVG 68 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6255' T/ 6276' FTG 21' AVG 28 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6276' T/ 6287' FTG 11 AVG 44 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6287' T/ 6306' FTG 19' AVG 76 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6306' T/ 6318' FTG 12 AVG 48 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6318' T/ 6335' FTG 17' AVG 34 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6335' T/ 6350' FTG 15 AVG 60 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6350' T/ 6365' FTG 15' AVG 30 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6365' T/ 6381' FTG 16 AVG 64 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6381' T/ 6395' FTG 14' AVG 18.6 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6395' T/ 6444' FTG 49 AVG 65.3 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6444' T/ 6464' FTG 20' AVG 20 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6464' T/ 6476' FTG 12 AVG 48 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6476' T/ 6492' FTG 16' AVG 32 FPH, T/F 15L , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6492' T/ 6539' FTG 47 AVG 62.6 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6539' T/ 6585' FTG 46' AVG 26.2 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6585' T/ 6823' FTG 238 AVG 86.5 FPH, GPM 500, DIFF PRESS 150 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700

REPORT DATE: 12/17/2013 MD: 8,335 TVD: 6,159 DAYS: 8 MW: 9 VISC: 56  
 DAILY: \$76,071.87 CUM: \$704,879.28 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
 OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: DRLG F/ 6823' T/ 6917' FTG 94 AVG 53.7 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 6917' T/ 6932' FTG 15' AVG 20 FPH, T/F 180 , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 6932' T/ 7141' FTG 209 AVG 76 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1500 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-9700 SLD DRLG F/ 7141' T/ 7149' FTG 8' AVG 32 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 7149' T/ 7220' FTG 71 AVG 56.8 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SLD DRLG F/ 7220' T/ 7240' FTG 20' AVG 16 FPH, T/F 180 , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 7240' T/ 7402' FTG 162 AVG 81.0 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SLD DRLG F/ 7402' T/ 7422' FTG 20' AVG 20 FPH, T/F 165 LEFT , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 7422' T/ 7485' FTG 63 AVG 126 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SERVICE RIG DRLG F/ 7485' T/ 7579' FTG 94 AVG 75.2 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SLD DRLG F/ 7579' T/ 7604' FTG 25' AVG 16.6 FPH, T/F 130 LEFT , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 7604' T/ 7768' FTG 164 AVG 72.8 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SLD DRLG F/ 7768' T/ 7790' FTG 22' AVG 44 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 7790' T/ 8147' FTG 357 AVG 84 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SLD DRLG F/ 8147' T/ 8163' FTG 16' AVG 32 FPH, T/F 120 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 8163' T/ 8241' FTG 78 AVG 104 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600 SLD DRLG F/ 8241' T/ 8261' FTG 20' AVG 26.6 FPH, T/F H/S , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 8261' T/ 8335' FTG 43 AVG 296 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 10K, RPM 60, MTR RPM 140, BIT RPM 200, R/TORQ 5000-10,600

REPORT DATE: 12/18/2013 MD: 10,604 TVD: 6,161 DAYS: 9 MW: 9 VISC: 55

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

<b>Operator</b> HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		<b>FIELD NAME</b> WOLFCAMP OP	<b>SPUD DATE</b> 12/09/2013	<b>FGS</b>	<b>GL</b> 2,450	<b>KB</b> 2,472	<b>WELL USER KEY</b> L369004007
<b>API</b> 4210541911	<b>STATE</b> TX	<b>COUNTY</b> CROCKETT	<b>DIVISION</b> OPERATIONS - PERMIAN		<b>UWI</b> SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

**Lat/Long.:** 30° 56' 25.501200 N / 100° 59' 48.400800 W

DAILY: \$71,428.65 CUM: \$776,307.93 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
 OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: DRLG F/ 8335' T/ 8723' FTG 388 AVG 110 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 70, MTR RPM 140, BIT RPM 210, R/TORQ 6000-12,500 SLD DRLG F/ 8723' T/ 8748' FTG 25' AVG 33.3 FPH, T/F 90 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 8748' T/ 8943' FTG 195' AVG 97.5 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 60-70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 8943' T/ 8968' FTG 25' AVG 25.0 FPH, T/F 135 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 8968' T/ 9196' FTG 228' AVG 101.3 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 60-70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 9196' T/ 9221' FTG 25' AVG 25.0 FPH, T/F 45 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 9221' T/ 9564' FTG 343' AVG 114.3 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 9564' T/ 9584' FTG 20' AVG 40 FPH, T/F 30 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 9584' T/ 9659' FTG 75' AVG 100 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 9659' T/ 9679' FTG 20' AVG 26.6 FPH, T/F 60 R , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 9679' T/ 10321' FTG 642' AVG 128.4 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 10321' T/ 10346' FTG 25' AVG 33.3 FPH, T/F 120 L , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 10346' T/ 10604' FTG 258' AVG 93.8 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500

REPORT DATE: 12/19/2013 MD: 11,653 TVD: 6,139 DAYS: 10 MW: 9 VISC: 53

DAILY: \$81,755.07 CUM: \$858,063.00 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
 OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: SLD DRLG F/ 10604' T/ 10634' FTG 30' AVG 40.0 FPH, T/F 180 , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 10634' T/ 10709' FTG 75' AVG 75 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15-20K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 10709' T/ 10715' FTG 6' AVG 12.0 FPH, T/F 180 , GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 10715' T/ 10992' FTG 277' AVG 92.3 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15-20K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 SLD DRLG F/ 10992' T/ 11007' FTG 15' AVG 20.0 FPH, T/F 165 L, GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 11007' T/ 11181' FTG 174' AVG 53.5 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15-20K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 ORIENT TOOL & RECYCLE EM TOOL SLD DRLG F/ 11181' T/ 11211' FTG 30' AVG 24.0 FPH, T/F 180 L, GPM 500, DIFF PRESS 100 PSI, PP 1500 PSI DRLG F/ 11211' T/ 11653' FTG 442' AVG 58.9 FPH, GPM 500, DIFF PRESS 300-400 PSI, PP 1800 PSI, WOB 15-20K, RPM 60- 70, MTR RPM 140, BIT RPM 200-210, R/TORQ 6000-12,500 CIRCULATE 3 HI-VIS SWEEPS AROUND, RACK BACK 1 STD EVERY HOUR, 95 RPM , 543 GPM , 2050 PP POOH ON ELEVATORS 5 STDS. ( NORMAL DRAG, NO TIGHT SPOTS, PUMP SLUG & DROP ID WIPER)

REPORT DATE: 12/20/2013 MD: 11,653 TVD: 6,139 DAYS: 11 MW: 9 VISC: 55

DAILY: \$92,367.98 CUM: \$950,430.98 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
 OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

DAILY DETAILS: PULL THREE STDS, PUMP SLUG, DROP ID WIPER L/D DP F/ 10703' T/ 7500' (NO TIGHT SPOTS) SERVICE RIG L/D DP F/ 7500' T/ 6400', NO TIGHT SPOTS ( NOTE: CONTACTED IVY HITCHCOCK W/ T.R.R.C. ON RUNNING 5 1/2 PRODUCTION CSG) WORK ON PARAGMA L/D DP F/ 6400' T/ BHA , (NO TIGHT SPOTS) L/D DIRECTIONAL BHA TIH ON ELEVATORS 9 STANDS IN DERRICK, L/D SAME RETRIEVE WEAR BUSHING R/D BAILS & ELEVATORS, R/U CASING TOOLS RUN 5.5 " 17.0# P-110 CDC PROD CSG T/ 3069' NO TIGHT SPOTS

REPORT DATE: 12/21/2013 MD: 11,653 TVD: 6,139 DAYS: 12 MW: 9 VISC: 52

DAILY: \$373,018.35 CUM: \$1,323,449.34 AFE: \$4,486,906.00 EVENT ACTIVITY: DRILL  
 OBJECTIVE: DRILLING

START DATE: 12/08/2013 END DATE: 12/22/2013

AFE NO: 1300645

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

<b>Operator</b> HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		<b>FIELD NAME</b> WOLFCAMP OP	<b>SPUD DATE</b> 12/09/2013	<b>FGS</b>	<b>GL</b> 2,450	<b>KB</b> 2,472	<b>WELL USER KEY</b> L369004007
<b>API</b> 4210541911	<b>STATE</b> TX	<b>COUNTY</b> CROCKETT	<b>DIVISION</b> OPERATIONS - PERMIAN		<b>UWI</b> SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

**Lat/Long.:** 30° 56' 25.501200 N / 100° 59' 48.400800 W

**DAILY DETAILS:** RUN 5.5 CSG F/ 3069' T/ 11618' (NO TIGHT SPOTS) M/U 5.5 LANDING JT & WASH DOWN T/ 11648' R/D CSG CREW & C/K CSG LANDED CORRECTLY IN WELL HEAD M/U BAKER CMT HEAD & SURFACE LINES BREAK CIRC STAGE UP PUMP T/ 5.0 BPM W/ 245 PSI, CIRC 1.5 CSG CAP PJSM WITH BAKER & RIG CREW, X/O LINES FROM RIG TO BAKER HUGHES, TEST LINES T/ 6000 PSI, PUMP 40 BBLs OF 10 PPG BRINE WATER @ 7 BPM WITH 270 PSI FOLLOWED BY 45 BBLs OF MUD CLEAN II 7 BPM WITH 525 PSI, LEAD SLURRY 399 SACKS (147 BBLs) 65/35 POZ CLASS H CEMENT+6% BWOC BENTONITE + 5 % BWOW SODIUM CHLORIDE + 0.125 LBS/SACK CELLO FLAKE + 3 LBS/SACK KOL-SEAL, 50 LB BAG + 0.1% BWOC ASA-301+0.45%BWOC FL-52, YIELD 2.06 CF/SACK,PUMPED @ 7 BPM 546 PSI, MIX AND PUMP (TAIL SLURRY) = 754 SACKS (172 BBLs)50/50 POZ PREMIUM PLUS H CEMENT+4% FL52+ 3 %CD32+ 6% SMS+ 15% R3+ 0.01%STATIC FREE + 5% SALT, YIELD 1.28 CF/SACK PUMPED @ 7 BPM 736 PSI ,(KNIFE GATE ON PUMP TRUCK GOES OUT, SWITCH PUMP TRUCKS & CONT PUMPING 1131 SACKS (258 BBLs)50/50 POZ PREMIUM PLUS H CEMENT+4% FL52+ 3 %CD32+ 6% SMS+ 15% R3+ 0.01%STATIC FREE + 5% SALT, YIELD 1.28 CF/SACK PUMPED @ 7 BPM 754 PSI SHUT DOWN PUMPS), WASH LINE TO PIT, DROP PLUG WITNESS BY HIGHMOUNT REP, PUMP 10 BBLs OF SUGAR WATER THEN 190 BBLs OF 2% KCL WATER @ 7 BPM WITH 1300 PSI, SLOW PUMP 2.5 BPM LAST 80 BBLs REMAINING WITH 1650 PSI, BUMPED PLUG WITH 2170 PSI, HELD FOR 5 MIN. BLEED OFF PRESS AND 2.5 BBLs , FLOATS HELD, (HAD FULL RETURNS THROUGHOUT CEMENT JOB, CIRCULATED 30 BBLs OF CEMENT TO SURFACE ) CEMENT IN PLACE AT 21:15 HRS ON 12/20/2013 R/D CEMENT HEAD & LINES, FLUSH THRU BOP's & FLOWLINE (DOZER HAD TO PULL CEMENT TRUCKS OFF LOCATION DUE TO MUDDY LOCATION) L/D LANDING JT., INSTALL PACK OFF ASSEMBLY, SET PACK OFF & TEST T/5000 PSI, HELD FOR 10 MIN. N/D BOP's, REMOVE HYD. HOSES, FLOWLINE, TURNBUCKLES, KILL LINE & CHECK VALVE, REMOVE BOP'S WITH WRANGLER

**REPORT DATE:** 12/22/2013      **MD:** 11,653      **TVD:** 6,139      **DAYS:** 13      **MW:** 9      **VISC:** 52  
**DAILY:**      \$99,745.83      **CUM:** \$1,423,195.17      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** DRILL  
**OBJECTIVE:** DRILLING

**START DATE:** 12/08/2013      **END DATE:** 12/22/2013  
**AFE NO:** 1300645

**DAILY DETAILS:** NIPPLE UP 11' 5M X 7 1/16 10M, TBG HEAD, TEST HEAD T/ 5000 PSI FOR 10 MIN, TEST GOOD, ALL VALVES CLOSED WELL SECURE CLEAN MUD TANKS RELEASE RIG 12/21/2013 18:00 HRS

**REPORT DATE:** 12/03/2013      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$24,700.00      **CUM:** \$24,700.00      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**  
**AFE NO:** 1300645

**DAILY DETAILS:**

**REPORT DATE:** 01/04/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$8,464.90      **CUM:** \$33,164.90      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**  
**AFE NO:** 1300645

**DAILY DETAILS:** WELL SHUT IN FROM DRILLING DIVISION. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRESSURE TEST 5.5" CSG TO 8500 PSI, WALKED PRESSURE UP IN 1000# INCREMENTS, HELD PRESSURE FOR 10 MIN ( TEST GOOD ). MIRU NABORS CU. SET HYDRO LIFT AND RACKS, LOAD 2 7/8" 8.7# PH6 WORK STRING. SECURE WELL , SDFN.

**REPORT DATE:** 01/05/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$14,070.00      **CUM:** \$47,234.90      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**  
**AFE NO:** 1300645

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

<b>Operator</b> HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		<b>FIELD NAME</b> WOLFCAMP OP	<b>SPUD DATE</b> 12/09/2013	<b>FGS</b>	<b>GL</b> 2,450	<b>KB</b> 2,472	<b>WELL USER KEY</b> L369004007
<b>API</b> 4210541911	<b>STATE</b> TX	<b>COUNTY</b> CROCKETT	<b>DIVISION</b> OPERATIONS - PERMIAN		<b>UWI</b> SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		
<b>Lat/Long.:</b> 30° 56' 25.501200 N / 100° 59' 48.400800 W							

**DAILY DETAILS:** WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. ASSEMBLE SAGE RIDER BHA ( TCP GUNS ). TIH W/ SAGE RIDER TCP GUNS, TAG 60' HIGH @ 11544'. PU POWER SWIVEL BUT UNABLE TO SWIVEL TBG DOWN ANY FURTHER. INSTRUCTED TO SHOOT GUNS AT TAG DEPTH. SECURE WELL, SDFN.

**REPORT DATE:** 01/06/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$42,047.25      **CUM:** \$89,282.15      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. FINISH TIH W/ SAGE RIDER TCP GUNS TO PERF DEPTH @ 11,544'. ( PERFORATING INTERVALS @ 11,346'-11,348' / 11,408'-11,410' / 11,470'-11,472' / 11,532'-11,534'. 4 - 3' - 3 3/8" GUNS LOADED 2', 5SPF = 40 HOLES @ 60 DEG PHASING ). PRESSURE UP ON 5.5" CSG AND FIRE GUNS @ 2800# PSI, FIRST GUN FIRED AND AFTER 6MIN DELAY SECOND, THIRD AND FORTH GUN FIRED. EST INJECTION RATE W/ 2.3 BPM @ 2900# PSI. PUMPED A TOTAL OF 30 BBLS. TOH / LD TBG. LD SPENT TCP GUNS ( ALL SHOTS FIRED ). RDMO NABORS WOU. FORKLIFT MOVED ALL EQUIPMENT TO SIDE OF LOCATION FOR PICK UP. SECURE WELL. SDFN.

**REPORT DATE:** 01/18/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$6,343.18      **CUM:** \$95,625.33      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** WAIT ON SEABOARD TO ARRIVE TO LOCATION CONDUCT SAFETY MEETING, MIRU FRAC STACK, RD SEABOARD SHUT IN WELL, WAIT ON FRAC

**REPORT DATE:** 01/19/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$4,820.00      **CUM:** \$100,445.33      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** WAITING TO FRAC

**REPORT DATE:** 01/20/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$4,820.00      **CUM:** \$105,265.33      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:** COMPLETION

**START DATE:** 01/03/2014      **END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** WAITING ON BHI, API MIRU BHI, API

**REPORT DATE:** 01/21/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN		UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

DAILY: \$45,842.10 CUM: \$151,107.43 AFE: \$4,486,906.00 EVENT ACTIVITY: COMPLETE  
 OBJECTIVE: COMPLETION

START DATE: 01/03/2014

END DATE:

AFE NO: 1300645

DAILY DETAILS: CONDUCT SAFETY MEETING, CONTINUE BHI, FESCO, API, AND SELECT RIGUP, TEST LINES TEST LINES, WELLHEAD FLANGE LEAKING, SWITCH TO THE 2-5H AND FRAC, WAIT ON SEABOARD FRAC STG 1 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. FORMATION BREAK WITH ACID; 7,909 PSI @ 19 BPM, 36,600 GALS SLICKWATER PAD. 83,120 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 125,000 GAL SW WITH .5 PP UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 264,119#, (100 MESH - 81,901#, 40/70 -180,292#). INITIAL FORMATION BREAK @ 2,900 PSI. AIP = 5,414 PSI. AIR = 91 BPM. MIP= 8,763 PSI. MIR= 92 BPM. FLUSH W/ 258 BBLs. ISIP= 2,738 PSI. BLWTR = 7,146 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 11,316'. PERFORATE STG 2 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 11,098'-11,100', 11,160'-11,162', 11,222'-11,224', 11,284'-11,286'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2,850 PSI. USED 453 BBLs WATER). POOH, DROP BALL & LET FALL. FRAC STG 2 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. FORMATION BREAK WITH ACID; 3,045 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 85,235 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 118,000 GAL SW WITH .5 PP UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,718#, (100 MESH - 85,090#, 40/70 - 180,630#). INITIAL FORMATION BREAK @ 2,656 PSI. AIP = 4,877 PSI @ 91 BPM. AIR = 91 BPM. MIP= 5,651 PSI. MIR= 92 BPM. FLUSH W/ 261 BBLs. ISIP= 2,552 PSI. BLWTR = 7,162 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 11,068'. PERFORATE STG 3 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 10850'-852', 10,912'-914', 11,974'-976', 11,036'-038'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2,500 PSI. USED 340 BBLs WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN  
 DAILY LTR - 15,152 BBLs  
 CMIC: KENNETH HIGHT / MONROE DACY

REPORT DATE: 01/22/2014 MD: TVD: DAYS: MW: VISC:  
 DAILY: \$20,870.30 CUM: \$171,977.73 AFE: \$4,486,906.00 EVENT ACTIVITY: COMPLETE  
 OBJECTIVE: COMPLETION

START DATE: 01/03/2014

END DATE:

AFE NO: 1300645

DAILY DETAILS: CONDUCT SAFETY MEETING, FRAC 1ST STAGE ON THE 24-4H FRAC STG 3 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. FORMATION BREAK WITH ACID; 4,193 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 83,735 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 125,000 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 264,119#, (100 MESH - 83,827#, 40/70 - 180,292#). INITIAL FORMATION BREAK @ 3,148 PSI. AIP = 5487 PSI @ 91 BPM. AIR = 91 BPM. MIP= 6500 PSI. MIR= 92 BPM. FLUSH W/ 258 BBLs. ISIP= 2738 PSI. BLWTR = 7,146 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 10,820'. PERFORATE STG 4 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 10,602'-604', 10,664'-666', 10,726'-728', 10,788'-790'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 3300 PSI. USED 327 BBLs WATER). POOH, DROP BALL & LET FALL. WAIT ON 24-4H FRAC STAGE TO COMPLETE, REHEAD WIRELINE BEFORE PERFORATING NEXT STAGE FRAC STG 4 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. FORMATION BREAK WITH ACID; 3765 PSI @ 34 BPM, 36,600 GALS SLICKWATER PAD. 84,645 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 28,400 GAL SW WITH .5 PPG UP TP 2 PPG 40/70 WHITE SAND. NOTE; PRESSURE BEGINS STEADY INCREASE, HOLD SAND DENSITY AT 2 PPG. PRESSURE CONTINUES TO INCREASE, CUT SAND AND FLUSH. TOTAL PROP= 207,048#, (100 MESH - 84,156#, 40/70 - 122,893#). INITIAL FORMATION BREAK @ 3143 PSI. AIP = 5346 PSI @ 91 BPM. AIR = 91 BPM. MIP= 6626 PSI. MIR= 91 BPM. FLUSH W/ 251 BBLs. ISIP= 2507 PSI. BLWTR = 6595 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 10,572'. PERFORATE STG 5 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 10,354'-356', 10,416'-418', 10,478'-480', 10,540'-542'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 3276 PSI. USED 293 BBLs WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN, WAIT ON SAND DEILVERY AND UNLOAD  
 DAILY LTR - 14,361 BBLs  
 CMIC: KENNETH HIGHT / MONROE DACY

REPORT DATE: 01/23/2014 MD: TVD: DAYS: MW: VISC:  
 DAILY: \$15,338.30 CUM: \$187,316.03 AFE: \$4,486,906.00 EVENT ACTIVITY: COMPLETE  
 OBJECTIVE: COMPLETION

START DATE: 01/03/2014

END DATE:

AFE NO: 1300645

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLF CAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN		UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

**DAILY DETAILS:** CONDUCT SAFETY MEETING, FRAC 4TH STAGE ON THE 24-4H FRAC STG 5 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3373 PSI, FORMATION BREAK WITH ACID; 4476 PSI @ 29 BPM, 36,600 GALS SLICKWATER PAD. 84,131 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 139,734 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 259,188#, (100 MESH - 84,137#, 40/70 - 175,080#). AIP = 5320 PSI, AIR = 92 BPM. MIP= 6175 PSI. MIR= 92 BPM. FLUSH W/ 245 BBLs. ISIP= 2549 PSI. BLWTR = 7053 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 10,324'. PERFORATE STG 6 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 10,106'-108', 10,168'-170', 10,230'-232', 10,292'-294'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 3040 PSI. USED 279 BBLs WATER). POOH, DROP BALL & LET FALL. WAIT ON 24-4H FRAC STAGE TO COMPLETE FRAC STG 6 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN BREAK @ 3,188 PSI, FORMATION BREAK WITH ACID; 4,072 PSI @ 30 BPM, 87,738 GALS SLICKWATER PAD. NOTE: PRESSURE INCREASE ON PAD, SLOW RATE, PUMP ANOTHER 2500 GALLONS ACID AND DISPLACE, PUMP 500 LB SAND SLUG, RESUME PUMP SCHEDULE, 84,942 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 133,644 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,146#, (100 MESH - 85,084#, 40/70 - 180,063#). AIP = 5756 PSI, AIR = 86 BPM. MIP= 8041 PSI. MIR= 91 BPM. FLUSH W/ 239 BBLs. ISIP= 2520 PSI. BLWTR = 8641 BBLs. WAIT ON WIRELINE TO MAKE 2ND RUN ON THE 24-4H. PLUG FAILED TO SET. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 10,076'. PERFORATE STG 7 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 9,858'-860', 9,920'-922', 9,982'-984', 10,044'-046'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2400 PSI. USED 248 BBLs WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN  
DAILY LTR - 16,221 BBLs  
CMIC: KENNETH HIGHT / MONROE DACY

**REPORT DATE:** 01/24/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$22,491.75      **CUM:** \$209,807.78      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:**      COMPLETION

**START DATE:** 01/03/2014

**END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** CONDUCT SAFETY MEETING, FRAC 7TH STAGE ON THE 24-4H FRAC STG 7 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3663 PSI, FORMATION BREAK WITH ACID; 4837 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 84,956 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 130,000 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,346#, (100 MESH - 83,585#, 40/70 - 181,760#). AIP = 5,592 PSI, AIR = 91 BPM. MIP= 7400 PSI. MIR= 91 BPM. FLUSH W/ 234 BBLs. ISIP= 2956 PSI. BLWTR = 7041 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9,828'. PERFORATE STG 8 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 9,610'-612', 9,672'-674', 9,734'-736', 9,796'-798'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 3000 PSI. USED 241 BBLs WATER). POOH, DROP BALL & LET FALL. WAIT ON 24-4H FRAC STAGE TO COMPLETE, WAIT TO REHEAD WIRELINE. FRAC STG 8 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 4024 PSI, FORMATION BREAK WITH ACID; 5466 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 87,733 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 127,000 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,257#, (100 MESH - 90,476#, 40/70 - 174,782#). AIP = 6373 PSI, AIR = 85 BPM. MIP= 7761 PSI. MIR= 92 BPM. FLUSH W/ 228 BBLs. ISIP= 2666 PSI. BLWTR = 6800 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9,580'. PERFORATE STG 9 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 9,362'-364', 9,424'-426', 9,486'-488', 9,548'-550'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2976 PSI. USED 220 BBLs WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN  
DAILY LTR - 14,302 BBLs  
CMIC: KENNETH HIGHT / MONROE DACY

**REPORT DATE:** 01/25/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$22,806.75      **CUM:** \$232,614.53      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:**      COMPLETION

**START DATE:** 01/03/2014

**END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** CONDUCT SAFETY MEETING, WAIT TO FRAC STAGE ON THE 24-4H FRAC STG 9 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3,637 PSI, FORMATION BREAK WITH ACID; 5,862 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 85,250 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 116,424 GAL SW WITH .5 PPG UP TP 2.25 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 232,846#, (100 MESH - 84,360#, 40/70 - 148,486#). AIP = 5960 PSI, AIR = 89 BPM. MIP= 7893 PSI. MIR= 90 BPM. FLUSH W/ 222 BBLs. ISIP= 3028 PSI. BLWTR = 6492 BBLs. NOTE: LOST SAND DENSITY ON 1.5 PPG 100M, SWITCHED TO WRONG SANDKING. PRESSURE BEGINS TO INCREASE ON 2PPG SAND, HOLD DENSITY AT 2.25PPG, PRESSURE CONTINUES TO INCREASE, CUT SAND AND FLUSH. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9,332'. PERFORATE STG 10 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 9,114'-116', 9,176'-178', 9,238'-9,240', 9,300'-302'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 4100 PSI. USED 200 BBLs WATER). POOH, DROP BALL & LET FALL. WAIT ON 24-4H FRAC STAGE TO COMPLETE FRAC STG 10 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3266 PSI, FORMATION BREAK WITH ACID; 3303 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 84,206 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 129,200 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,307#, (100 MESH - 83,948#, 40/70 - 181,358#). AIP = 6421 PSI, AIR = 88 BPM. MIP= 8349 PSI. MIR= 91 BPM. FLUSH W/ 216 BBLs. ISIP= 2430 PSI. BLWTR = 6479 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9,084'. PERFORATE STG 11 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 8,866'-868', 8,928'-930', 8,990'-8,992', 9,052'-054'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2300 PSI. USED 193 BBLs WATER). POOH, DROP BALL & LET FALL.  
SECURE WELL, SDFN  
DAILY LTR - 13,364 BBLs  
CMIC: KENNETH HIGHT / MONROE DACY

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN		UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

**REPORT DATE:** 01/26/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$22,806.75      **CUM:** \$255,421.28      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:**      COMPLETION

**START DATE:** 01/03/2014

**END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** WAIT ON BHI TO RETURN TO LOC. FROM REQUIRED BREAK, CONDUCT SAFETY MEETING WAIT TO COMPLETE FRAC STAGE ON THE 24-4H FRAC STG 11 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3718 PSI, FORMATION BREAK WITH ACID; 6533 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 18,650 GAL SW WITH .25 PPG UP TO .5 PPG 100 MESH. WITH 1 SWEEP, PRESSURE INCREASE ON .5 PPG DENSITY, SLOW RATE TO 48 BPM, GO TO SWEEP, PSI CONTINUES TO INCREASE TO MAX PRESSURE, SLOW RATE TO 27 BPM @ 7500 PSI, SHUT DOWN. CALLED RUSSELL, DECISION MADE TO WIRELINE FOR NEXT ZONE WITH NO PLUG SET BETWEEN ZONES. TOTAL PROP= 7688#, (100 MESH - 7688#), AIP = 7521 PSI, AIR = 70 BPM. MIP= 8714 PSI. MIR= 91 BPM. FLUSH W/ 383 BBLs. ISIP= 2457 PSI. BLWTR = 1879 BBLs. TIH TO PERFORATE STG 12 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 8,618'-620', 8,680'-682', 8,742'-8,744', 8,804'-806'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 6750 PSI. USED 194 BBLs WATER). POOH.. FRAC STG 12 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3698 PSI, FORMATION BREAK WITH ACID; 4100 PSI @ 31 BPM, 36,600 GALS SLICKWATER PAD. 84,206 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 124,000 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 249,459#, (100 MESH - 83,692#, 40/70 - 165,767#), AIP = 5594 PSI, AIR = 92 BPM. MIP= 7110 PSI. MIR= 92 BPM. FLUSH W/ 230 BBLs. ISIP= 2684 PSI. BLWTR = 6689 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 8,588'. PERFORATE STG 13 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 8,370'-372', 8,432'-434', 8,494'-496', 9,556'-558'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2695 PSI. USED 150 BBLs WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN  
 DAILY LTR - 8,912 BBLs  
 CMIC: KENNETH HIGHT / MONROE DACY

**REPORT DATE:** 01/27/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$20,206.75      **CUM:** \$275,628.03      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:**      COMPLETION

**START DATE:** 01/03/2014

**END DATE:**

**AFE NO:** 1300645

**DAILY DETAILS:** CONDUCT SAFETY MEETING, WAIT TO COMPLETE FRAC STAGE ON THE 24-4H FRAC STG 13 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3664 PSI, FORMATION BREAK WITH ACID; 6719 PSI @ 31 BPM, 36,600 GALS SLICKWATER PAD. 6,174 GAL SW WITH .25 PPG 100 MESH. WITH 1 SWEEP, PRESSURE INCREASE ON .25 PPG DENSITY, SLOW RATE TO 75 BPM, PSI CONTINUES TO INCREASE TO MAX PRESSURE, SLOW RATE TO 69 BPM @ 8500 PSI, SHUT DOWN. DECISION MADE TO WIRELINE FOR NEXT ZONE WITH NO PLUG SET BETWEEN ZONES. TOTAL PROP= 1700#, (100 MESH - 1700#), AIP = 7286 PSI, AIR = 73 BPM. MIP= 8636 PSI. MIR= 91 BPM. FLUSH W/ 393 BBLs. ISIP= 3409 PSI. BLWTR = 1528 BBLs. TIH TO PERFORATE STG 14 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 8,122'-124', 8,184'-186', 8,246'-248', 8,308'-310'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 7000 PSI. USED 157 BBLs WATER). POOH. WAIT ON 24-4H FRAC STAGE TO COMPLETE FRAC STG 14 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 4440 PSI, FORMATION BREAK WITH ACID; 5845 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 84,206 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 123,234 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 248,436#, (100 MESH - 83,814#, 40/70 - 164,622#), AIP = 5423 PSI, AIR = 91 BPM. MIP= 7070 PSI. MIR= 92 BPM. FLUSH W/ 193 BBLs. ISIP= 2425 PSI. BLWTR = 6354 BBLs. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 8,092'. PERFORATE STG 15 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 7,874'-876', 7,936'-938', 7,998'-8,000', 8,060'-062'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2941 PSI. USED 125 BBLs WATER). POOH, DROP BALL & LET FALL. WAIT ON 24-4H FRAC STAGE TO COMPLETE FRAC STG 15 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3428 PSI, FORMATION BREAK WITH ACID; 4213 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 84,206 GAL SW WITH .25 PPG UP TO .5 PPG 100 MESH. WITH SWEEP, PRESSURE INCREASE ON .5 PPG DENSITY, SLOW RATE TO 70 BPM, PSI CONTINUES TO INCREASE TO MAX PRESSURE, SLOW RATE TO 53 BPM @ 8500 PSI, SHUT DOWN. DECISION MADE TO WIRELINE FOR NEXT ZONE WITH NO PLUG SET BETWEEN ZONES. TOTAL PROP= 2250#, (100 MESH - 2250#), AIP = 7651 PSI, AIR = 73 BPM. MIP= 8575 PSI. MIR= 91 BPM. FLUSH W/ 251 BBLs. ISIP= 3409 PSI. BLWTR = 1768 BBLs. TIH TO PERFORATE STG 16 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 7,626'-628', 7,688'-690', 7,750'-752', 7,812'-814'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 8015 PSI. USED 107 BBLs WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN-BHI TO MAKE NEEDED EQUIPMENT REPAIRS  
 DAILY LTR - 10,039 BBLs  
 CMIC: KENNETH HIGHT / MONROE DACY

**REPORT DATE:** 01/28/2014      **MD:**      **TVD:**      **DAYS:**      **MW:**      **VISC:**  
**DAILY:**      \$18,946.75      **CUM:** \$294,574.78      **AFE:** \$4,486,906.00      **EVENT ACTIVITY:** COMPLETE  
**OBJECTIVE:**      COMPLETION

**START DATE:** 01/03/2014

**END DATE:**

**AFE NO:** 1300645

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP	SPUD DATE 12/09/2013	FGS	GL 2,450	KB 2,472	WELL USER KEY L369004007
API 4210541911	STATE TX	COUNTY CROCKETT	DIVISION OPERATIONS - PERMIAN		UWI SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

Lat/Long.: 30° 56' 25.501200 N / 100° 59' 48.400800 W

**DAILY DETAILS:** CONDUCT SAFETY MEETING, WAIT TO COMPLETE FRAC STAGE ON THE 24-4H FRAC STG 16 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3987 PSI, FORMATION BREAK WITH ACID; 5826 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 84,000 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 123,234 GAL SW WITH .5 PPG UP TP 2.0 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 214,236#, (100 MESH - 83,633#, 40/70 -130,602#). AIP = 5054 PSI, AIR = 92 BPM. MIP= 5852 PSI. MIR= 92 BPM. FLUSH W/ 183 BBLS. ISIP= 2901 PSI. BLWTR = 5950 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7,596'. PERFORATE STG 17 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 7,378'-380', 7,440'-442', 7,502'-7,504', 7,564'-566'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2871 PSI. USED 93 BBLS WATER). POOH, DROP BALL & LET FALL. FRAC STG 17 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 4085 PSI, FORMATION BREAK WITH ACID; 5003 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 84,175 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 130,173 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 261,906#, (100 MESH - 83,650#, 40/70 - 178,256#). AIP = 4877 PSI, AIR = 91 BPM. MIP= 5650 PSI. MIR= 91 BPM. FLUSH W/ 176 BBLS. ISIP= 2720 PSI. BLWTR = 6391 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7,348'. PERFORATE STG 18 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 7,130'-132', 7,192'-194', 7,254'-7,256', 7,316'-318'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2719 PSI. USED 80 BBLS WATER). POOH, DROP BALL & LET FALL. FRAC STG 18 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3661 PSI, FORMATION BREAK WITH ACID; 4542 PSI @ 30 BPM, 36,600 GALS SLICKWATER PAD. 83,826 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 132,953 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,438#, (100 MESH - 84,262#, 40/70 - 181,177#). AIP = 4784 PSI, AIR = 92 BPM. MIP= 5191 PSI. MIR= 93 BPM. FLUSH W/ 170 BBLS. ISIP= 2534 PSI. BLWTR = 6404 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7,105'. PERFORATE STG 19 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 6,882'-884', 6,944'-946', 7,006'-7,008', 7,068'-070'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2551 PSI. USED 71 BBLS WATER). POOH, DROP BALL & LET FALL. SECURE WELL, SDFN - WAIT ON SAND DELIVERY AND UNLOAD DAILY LTR - 18,989 BBLS  
CMIC: KENNETH HIGHT / MONROE DACY

<b>REPORT DATE:</b> 01/29/2014	MD:	TVD:	DAYS:	MW:	VISC:
DAILY: \$2,101,061.82	CUM: \$2,395,636.60	AFE: \$4,486,906.00	EVENT ACTIVITY: COMPLETE		
OBJECTIVE: COMPLETION					

START DATE: 01/03/2014

END DATE:

AFE NO: 1300645

**DAILY DETAILS:** CONDUCT SAFETY MEETING, LOAD AND TEST LINES FRAC STG 19 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 3997 PSI, FORMATION BREAK WITH ACID; 4154 PSI @ 32 BPM, 36,600 GALS SLICKWATER PAD. 83,543 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 130,265 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 265,014#, (100 MESH - 83,289#, 40/70 - 181,726#). AIP = 4893 PSI, AIR = 91 BPM. MIP= 5718 PSI. MIR= 91 BPM. FLUSH W/ 164 BBLS. ISIP= 2658 PSI. BLWTR = 6323 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 6,852'. PERFORATE STG 20 WOLF CAMP W/ 4 - 2' - 3 3/8" SLICK GUNS 5 SPF W/ 25 GRAM CHGS @ 6,634'-636', 6,6696'-698', 6,758'-6,760', 6,820'-822'. 40 HOLES. (PUMP GUNS DOWN FROM 5000' TO PERF DEPTH @ 15 BPM @ 2783 PSI. USED 55 BBLS WATER). POOH, DROP BALL & LET FALL. WAIT ON 24-4H FRAC STAGE TO COMPLETE WAIT FOR BHI TO MOVE IN CHEMICAL TRUCK FRAC STG 20 WOLF CAMP. SPEARHEAD 3,360 GALS 15% HCL ACID. INITIAL BREAKDOWN @ 4282 PSI, FORMATION BREAK WITH ACID; 4160 PSI @ 32 BPM, 36,600 GALS SLICKWATER PAD. 84,822 GAL SW WITH .25 PPG UP TO 1.75 PPG 100 MESH. WITH SWEEPS BETWEEN EACH INCREASE IN DENSITY, 129,473 GAL SW WITH .5 PPG UP TP 2.5 PPG 40/70 WHITE SAND. FLUSH. TOTAL PROP= 248,255#, (100 MESH - 84,471#, 40/70 - 163,784#). AIP = 4896 PSI, AIR = 93 BPM. MIP= 6093 PSI. MIR= 93 BPM. FLUSH W/ 160 BBLS. ISIP= 2689 PSI. BLWTR = 6217 BBLS. TIH W/ 5 1/2" 10K MAGNUM CFP, SET PLUG @ 5,000'. POOH. JOB COMPLETE ON THIS WELL. WAIT ON 24-4H FRAC STAGE TO COMPLETE RDMO BHI, SELECT WATER TRANSFER, API WIRELINE. SECURE WELL, AND SEABOARD FRAC STACK SDFN  
DAILY LTR - 12,595 BBLS  
CMIC: KENNETH HIGHT / MONROE DACY

<b>REPORT DATE:</b> 01/30/2014	MD:	TVD:	DAYS:	MW:	VISC:
DAILY: \$8,090.50	CUM: \$2,403,727.10	AFE: \$4,486,906.00	EVENT ACTIVITY: COMPLETE		
OBJECTIVE: COMPLETION					

START DATE: 01/03/2014

END DATE:

AFE NO: 1300645

DAILY DETAILS: WAITING TO DRILLOUT CFP'S

<b>REPORT DATE:</b> 01/31/2014	MD:	TVD:	DAYS:	MW:	VISC:
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# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

<b>Operator</b> HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		<b>FIELD NAME</b> WOLFCAMP OP	<b>SPUD DATE</b> 12/09/2013	<b>FGS</b>	<b>GL</b> 2,450	<b>KB</b> 2,472	<b>WELL USER KEY</b> L369004007
<b>API</b> 4210541911	<b>STATE</b> TX	<b>COUNTY</b> CROCKETT	<b>DIVISION</b> OPERATIONS - PERMIAN		<b>UWI</b> SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND		

**Lat/Long.:** 30° 56' 25.501200 N / 100° 59' 48.400800 W

DAILY: \$10,613.75      CUM: \$2,414,340.85      AFE: \$4,486,906.00      EVENT ACTIVITY: COMPLETE  
 OBJECTIVE: COMPLETION

START DATE: 01/03/2014

END DATE:

AFE NO: 1300645

DAILY DETAILS: WAITING TO DRILLOUT CFP'S

# HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

## UNIVERSITY UNIT 2-5H

<b>Operator</b> HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		<b>FIELD NAME</b> WOLFCAMP OP	<b>SPUD DATE</b> 12/09/2013	<b>FGS</b>	<b>GL</b> 2,450	<b>KB</b> 2,472	<b>WELL USER KEY</b> L369004007
<b>API</b> 4210541911	<b>STATE</b> TX	<b>COUNTY</b> CROCKETT	<b>DIVISION</b> OPERATIONS - PERMIAN	<b>UWI</b> SL 29' FNL & 2563' FEL SEC 2, BLK 56 UNIVERISYT LAND			
<b>Lat/Long.:</b> 30° 56' 25.501200 N / 100° 59' 48.400800 W							
<b>FLARE</b>							