

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			

Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W

REPORT DATE: 09/11/2013 **MD:** **TVD:** **DAYS:** **MW:** **VISC:**
DAILY: \$84,822.90 **CUM:** \$84,822.90 **AFE:** \$4,437,851.00 **EVENT ACTIVITY:** LAND & CONSTR
OBJECTIVE: LAND & CONSTRUCTION

START DATE: **END DATE:**

AFE NO: 1300539

DAILY DETAILS:

REPORT DATE: 09/03/2013 **MD:** **TVD:** **DAYS:** **MW:** **VISC:**
DAILY: \$54,778.99 **CUM:** \$54,778.99 **AFE:** \$4,437,851.00 **EVENT ACTIVITY:** WELL FACILITY
OBJECTIVE: WELL FACILITY

START DATE: 09/03/2013 **END DATE:**

AFE NO: 1300539

DAILY DETAILS: COST TO MOVE 2 1/2" FLOWLINE

REPORT DATE: 09/11/2013 **MD:** **TVD:** **DAYS:** **MW:** **VISC:**
DAILY: \$10,500.00 **CUM:** \$10,500.00 **AFE:** \$4,437,851.00 **EVENT ACTIVITY:** DRILL
OBJECTIVE: DRILLING

START DATE: 09/18/2013 **END DATE:** 09/28/2013

AFE NO: 1300539

DAILY DETAILS:

REPORT DATE: 09/17/2013 **MD:** **TVD:** **DAYS:** **MW:** **VISC:**
DAILY: \$56,227.50 **CUM:** \$66,727.50 **AFE:** \$4,437,851.00 **EVENT ACTIVITY:** DRILL
OBJECTIVE: DRILLING

START DATE: 09/18/2013 **END DATE:** 09/28/2013

AFE NO: 1300539

DAILY DETAILS: BREAK OUT VIBRATOR HOSE ON SUB, INSTALL BRACES ON SUB'S, R/D ELECTRIC CABLES ON SUB'S, R/D KOMMEY UNIT, FINSH R/U HYD. HOSES ON WALKING SYSTEM. PRE JOB SAFETY MEETING FOR WALKING RIG WALK RIG 30' OVER UNIVERSITY 54 6-1H LASER LEVEL SUBSTRUCTURE, MOVE AND SET HPU & KOMMEY UNIT, INSTALL EXTENTIONS ON ELECTRIC SUB CABLES AND REPAIR DAMAGED CABLE, R/U CATWALK, R/U ELECTRICAL TO SUBS, FILL PITS, WELD ON LANDING RING, PLACE CONDUCTOR MODIFY FLOWLINE PREPARE RIG TO SPUD

REPORT DATE: 09/18/2013 **MD:** 102 **TVD:** 102 **DAYS:** **MW:** **VISC:**

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API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY: \$37,079.70 CUM: \$103,807.20 AFE: \$4,437,851.00 EVENT ACTIVITY: DRILL
OBJECTIVE: DRILLING

START DATE: 09/18/2013 END DATE: 09/28/2013

AFE NO: 1300539

DAILY DETAILS: HYDRAULIC MANIFOLD ON RIG FAILED HOIST COULD NOT BE UTILIZED TO MODIFY FLOWLINE WAIT ON POLE TRUCK MODIFY FLOWLINE AND RIG UP WHILE REPAIRING HYDRAULIC MANIFOLD ON RIG REPAIRING HYDRAULIC MANIFOLD ON RIG P/U BHA #1

REPORT DATE: 09/19/2013 MD: 1,626 TVD: 1,626 DAYS: 1 MW: 8 VISC: 30
DAILY: \$43,407.15 CUM: \$147,214.35 AFE: \$4,437,851.00 EVENT ACTIVITY: DRILL
OBJECTIVE: DRILLING

START DATE: 09/18/2013 END DATE: 09/28/2013

AFE NO: 1300539

DAILY DETAILS: P/U BHA #1 AND TAG @ 102' DRLG 12 1/4" SURFACE F/102'-215' = 103' @ 56.5 FPH 5-10K WOB, 80 RPMS 3-5K TQ, 420 GPMS 250 PSI TROUBLE SHOOT ELECTRICAL PROBLEM ON TOP DRIVE DRLG 12 1/4" SURFACE F/215'-335' = 120' AVG 60 FPH 10-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 501 PSI 450 SERVICE RIG DRLG 12 1/4" SURFACE F/335'-395' = 60' AVG 60 FPH 10-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 501 PSI 450 SERVICE TOP DRIVE REPAIR ELECTRICAL LINE IN TOP DRIVE SERVICE LOOP DRLG 12 1/4" SURFACE F/395'-489' = 94' AVG 125 FPH 10-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 501 PSI 500 SURVEY AT 487' INC .37° DRLG 12 1/4" SURFACE F/489'-1059' = 570' AVG 142.5 FPH 10-35K WOB, 110-135 RPMS 3-5K TQ, 460 GPM 501 PSI 550 (WELL BEGAN SEEPING @ 570' PUMPED 2 30 BBL HI-VIS 20 PPB LCM SWEEPS TO HEAL SEEPAGE LOST APPROX 195 BBLs) PUMP 30 BBL HI-VIS 20 PPB LCM SWEEP AROUND TO CLEAN HOLE PRIOR TO WLS 110-135 RPMS 3-5K TQ, 460 GPM 550 PSI SURVEY @ 1057' .28° DRLG 12 1/4" SURFACE F/1059'-1532' = 473' AVG 126.1 FPH 10-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 650 PSI PUMP 30 BBL HI-VIS 20 PPB LCM SWEEP AROUND TO CLEAN HOLE PRIOR TO WLS 110-135 RPMS 3-5K TQ, 544 GPM 650 PSI SURVEY @ 1530' .40° DRLG 12 1/4" SURFACE F/1532'-1626' = 94' AVG 94 FPH 10-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 650 PSI

REPORT DATE: 09/20/2013 MD: 1,820 TVD: 1,820 DAYS: 2 MW: 10 VISC: 40
DAILY: \$123,704.62 CUM: \$270,918.97 AFE: \$4,437,851.00 EVENT ACTIVITY: DRILL
OBJECTIVE: DRILLING

START DATE: 09/18/2013 END DATE: 09/28/2013

AFE NO: 1300539

DAILY DETAILS: DRLG 12 1/4" SURFACE F/1626' T/ 1671' = FTG 45' AVG 90 FPH 25-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 650 PSI REPAIR TOP DRIVE HYDRAULIC HOSE ON GRABBER SERVICE RIG & TOP DRIVE DRLG 12 1/4" SURFACE F/1671' T/ 1820' = FTG 145' AVG 82 FPH 25-35K WOB, 110-135 RPMS 3-5K TQ, 544 GPM 650 PSI PUMP 2 X 30 BBLs HI-VIS LCM 20 PPB SWEEPS CHC, (CONTACTED JAMIE BALBERAZ WITH THE TEXAS RR COMM ON RUNNING CSG R/U AND RUN GYRO SURVEYS ON W/L R/D WIRE LINE UNIT CBU AT 544 GPM, 700 PSI, RPM 60 TOOH F/ 1820' T/ BHA, TIGHT SPOTS AT 760' 598' 582' L/D DC'S R/U CASING BAILS, ELEVATORS, POWER TONGS AND SLIPS M/U 9 5/8 CASING SHOE, SHOE JOINT, & FLOAT COLLAR, R/U CRT & TEST SAME, THREAD LOCK & TACK WELD SHOE & FLOAT COLLAR RUN 9 5/8 J-55 36# LTC CASING, FILLING WITH CRT EVERY 15 JOINTS, P/U LANDING JOINT WITH WELLHEAD AND LAND CASING @ 1815' CIRCULATE 150% CSG CAPACITY WHILE R/D CSG CREW 5 BPM 75 PSI S/M WITH BAKER & RIG CREW, TEST LINES T/3000 PSI, PUMP 30 BBLs OF 15 LB/BBL LCM PILL WITH RIG PUMPS @ 5 BPM, X/O TO BAKER HUGHES, PUMP 10 BBLs OF FW W/ 180 PSI, STAGE 1, 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 / 250 PSI @ 5 BPM, TAIL SLURRY 629 SKS OR 150 BBLs CLASS C CEMENT+ 1% BWOC CALCIUM CHLORIDE, YIELD 1.34 CF/SACK W/ 200 PSI @ 5 BPM. DROP PLUG, DISPLACE CMT W/ 137 BBLs (CALCULATED DISPLACEMENT 137 BBLs W/ F/W 4 BPM W/ 580 PSI, SLOW PUMPS W/ 10 BBLs REMAINING T/ 2.5 BPM W/740 PSI, BUMP PLUG AND INCREASE PRESS T/ 1300 PSI, HELD 5 MIN, BLEED OFF PRESS AND .5 BBL, FLT HELD CMT IN PLACE AT 05:00 HRS ON 09/20/2013, FULL RETURNS THROUGHOUT CMT JOB, 120 BBLs OF CMT RETURN TO SURFACE LET CEMENT STAND IN CONDUCTOR 15 MIN CMNT STATIC IN WELL R/D CEMENTERS AND FLUSH CEMENT FROM CONDUCTOR AND FLOWLINE

REPORT DATE: 09/21/2013 MD: 1,820 TVD: 1,820 DAYS: 3 MW: 10 VISC: 40
DAILY: \$98,324.66 CUM: \$369,243.63 AFE: \$4,437,851.00 EVENT ACTIVITY: DRILL
OBJECTIVE: DRILLING

START DATE: 09/18/2013 END DATE: 09/28/2013

AFE NO: 1300539

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API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								
DAILY DETAILS: FINISH FLUSHING RISER L/D LANDING JT & N/D 20" RISER N/U WELL HEAD TO BOP ADAPTOR, INSTALL BULL PLUG AND 2" VALVE SERVICE RIG N/U BOP'S, RUN HYD LINES, N/U COFLEX FUNCTION TEST BOP'S R/U TEST EQUIPMENT, INSTALL TEST PLUG, C/K 2" OPEN ON WELL HEAD, FILL BOP'S W/ FW TEST BOP'S, TPR,BPR,BLINDS,KILL LINE AND VALVES, HCR, 4" MANUAL, COFLEX, SURFACE EQUIPMENT BACK TO PUMPS, 5000 PSI HIGH, 250 PSI LOW, ALL TEST 5 MIN, TEST CHOKE MANIFOLD OFF LINE 5000 PSI HIGH AND 250 PSI LOW, TEST ANNULAR 250 PSI LOW, 3500 PSI HIGH, TEST CASING 1000 PSI 30 MIN. R/D TESTER R/D CASING BAILS & ELEVATORS, N/U FLOWLINE, DRESS SHAKERS OUT W/ 320 SHAKER SCREENS, TRANSFER OBM ACROSS SHAKERS TO PITS, R/U DIESEL TO PITS, INSTALL DRIP PAN ON STACK, INSTALL TURNBUCKLES AND CENTER BOPS, MOVE DIRECTIONAL BHA T/ CATWALK INSTALL WEAR BUSHING AND LOCKDOWN SERVICE RIG P/U DIRECTIONAL BHA#1 AND ORIENT SAME TIH T/1710' TAG CMNT								
REPORT DATE: 09/22/2013		MD: 3,940		TVD: 3,918		DAYS: 4		MW: 10 VISC: 40
DAILY: \$60,044.14		CUM: \$429,287.76		AFE: \$4,437,851.00		EVENT ACTIVITY: DRILL		
OBJECTIVE: DRILLING								
START DATE: 09/18/2013					END DATE: 09/28/2013			
AFE NO: 1300539								

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API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: DISPLACE WELL W/ 8.9 PPG OBM,DEFAULT POWER LIMIT ON MUD PUMPS UNABLE TO INCREASE STROKES PAST 60 SPM DISPLACE WELL W/ 8.9 PPG OBM,DEFAULT POWER LIMIT ON MUD PUMPS UNABLE TO INCREASE STROKES PAST 60 SPM FLOW LINE PLUG, DUE TO CMT AND FLOWLINE NOT BEING CLEAN OUT CORRECTLY AS REQUESTED FLOW LINE PLUG, DUE TO CMT AND FLOWLINE NOT BEING CLEAN OUT CORRECTLY AS REQUESTED DRLG SHOE TRACK AND FLT EQUIP F/ 1765' T/ 1820', GPM 350, PP 500 PSI, RPM 40, WOB 5-10K DRLG SHOE TRACK AND FLT EQUIP F/ 1765' T/ 1820', GPM 350, PP 500 PSI, RPM 40, WOB 5-10K ROT DRLG F/ 1820' T/ 2000', FTG 180', AVG 144 FPH, GPM 450, PP 900 PSI, DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 126 BIT RPM 186, R/ TORQ 1200 OFF BTM, 2000T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 1820' T/ 2000', FTG 180', AVG 144 FPH, GPM 450, PP 900 PSI, DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 126 BIT RPM 186, R/ TORQ 1200 OFF BTM, 2000T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K DUE GUMMY SHALE, CLEAN SHAKER SCREENS WITH DIESEL WASHER AND ADD SAFEVERT WA TO SYSTEM DUE GUMMY SHALE, CLEAN SHAKER SCREENS WITH DIESEL WASHER AND ADD SAFEVERT WA TO SYSTEM ROT DRLG F/ 2000' T/ 2100', FTG 100', AVG 200 FPH, GPM 410, PP 900 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 114 BIT RPM 174, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K(NOTE REDUCE GPM DUE TO SHAKERS BLINDING OFF) ROT DRLG F/ 2000' T/ 2100', FTG 100', AVG 200 FPH, GPM 410, PP 900 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 114 BIT RPM 174, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K(NOTE REDUCE GPM DUE TO SHAKERS BLINDING OFF) SERVICE RIG SERVICE RIG SLD DRLG F/ 2100' T/ 2130' T/F180, FTG 30' AVG 30 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2100' T/ 2130' T/F180, FTG 30' AVG 30 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2130' T/ 2188', FTG 58', AVG 77.3 FPH, GPM 410, PP 900 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 114 BIT RPM 174, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2100' T/ 2130' T/F180, FTG 30' AVG 30 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2130' T/ 2188', FTG 58', AVG 77.3 FPH, GPM 410, PP 900 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 114 BIT RPM 174, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2188' T/ 2218' T/F180, FTG 30' AVG 120 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2188' T/ 2218' T/F180, FTG 30' AVG 120 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2218' T/ 2292', FTG 74', AVG 74.0 FPH, GPM 410, PP 900 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 114 BIT RPM 174, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2218' T/ 2292', FTG 74', AVG 74.0 FPH, GPM 410, PP 900 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 114 BIT RPM 174, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2292' T/ 2322' T/F 360, FTG 30' AVG 60 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2292' T/ 2322' T/F 360, FTG 30' AVG 60 FPH, GPM 410, PP 750 PSI, MTR RPM 114 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2322' T/ 2277', FTG 55', AVG 220 FPH, GPM 492, PP 1000 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 137 BIT RPM 197, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2322' T/ 2277', FTG 55', AVG 220 FPH, GPM 492, PP 1000 PSI,DIFF PRESS 100-200 PSI, RPM 60, MTR RPM 137 BIT RPM 197, R/ TORQ 1200 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2377 T/ 2407' T/F 20R, FTG 30' AVG 60 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2377 T/ 2407' T/F 20R, FTG 30' AVG 60 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2407' T/ 2471', FTG 64', AVG 256 FPH, GPM 502, PP 1150 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2407' T/ 2491' T/F 20R, FTG 20' AVG 80 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2491' T/ 2755', FTG 264', AVG 150 FPH, GPM 502, PP 1150 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2491' T/ 2755', FTG 264', AVG 150 FPH, GPM 502, PP 1150 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2755 T/ 2785' T/F 0, FTG 30' AVG 30 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 2755 T/ 2785' T/F 0, FTG 30' AVG 30 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 2785' T/ 3228', FTG 443', AVG 177 FPH, GPM 502, PP 1250 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 3228' T/ 3258' T/F 0, FTG 30' AVG 120 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 3228' T/ 3258' T/F 0, FTG 30' AVG 120 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 3258' T/ 3512', FTG 254', AVG 203.2 FPH, GPM 502, PP 1250 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 3258' T/ 3512', FTG 254', AVG 203.2 FPH, GPM 502, PP 1250 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 3512' T/ 3542' T/F 0, FTG 30' AVG 120 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 3542' T/ 3606', FTG 64', AVG 85 FPH, GPM 502, PP 1250 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 3606' T/ 3636' T/F 0, FTG 30' AVG 120 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K SLD DRLG F/ 3606' T/ 3636' T/F 0, FTG 30' AVG 120 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 70K, P/U 75K,S/O 65K ROT DRLG F/ 3701' T/ 3751' T/F 0, FTG 50' AVG 50 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 100K, P/U 105K,S/O 95K ROT DRLG F/ 3701' T/ 3751' T/F 0, FTG 50' AVG 50 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 100K, P/U 105K,S/O 95K ROT DRLG F/ 3751' T/ 3890', FTG 139', AVG 278 FPH, GPM 502, PP 1250 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W100K, P/U 105K,S/O 95K ROT DRLG F/ 3751' T/ 3890', FTG 139', AVG 278 FPH, GPM 502, PP 1250 PSI,DIFF PRESS 100-200 PSI, RPM 70, MTR RPM 140 BIT RPM 210, R/ TORQ1250 OFF BTM, 2000 T/ 2500 ON BTM, S/W100K, P/U 105K,S/O 95K SLD DRLG F/ 3890' T/ 3940' T/F 0, FTG 50' AVG 50 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 100K, P/U 105K,S/O 95K SLD DRLG F/ 3890' T/ 3940' T/F 0, FTG 50' AVG 50 FPH, GPM 502, PP 1000 PSI, MTR RPM 140 S/W 100K, P/U 105K,S/O 95K

REPORT DATE:	09/23/2013	MD: 5,250	TVD: 5,196	DAYS: 5	MW: 9	VISC: 46
DAILY:	\$56,226.45	CUM: \$485,514.21	AFE: \$4,437,851.00	EVENT ACTIVITY: DRILL		
OBJECTIVE:	DRILLING					
START DATE:	09/18/2013			END DATE: 09/28/2013		
AFE NO:	1300539					

UNIVERSITY 54 6-1H

11/8/2013 8:51:31AM

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API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY:	\$76,562.82	CUM: \$706,098.18	AFE: \$4,437,851.00	EVENT ACTIVITY: DRILL
OBJECTIVE:	DRILLING			

START DATE: 09/18/2013	END DATE: 09/28/2013
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AFE NO: 1300539

DAILY DETAILS: ROT DRLG F/ 7319' T/ 7514', FTG 198', AVG 260.0 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K SLD DRLG F/7514' T/ 7550' T/F 180 , FTG 36' AVG 48 FPH, GPM 586, PP 2650 PSI, MTR RPM 164 , S/W 140K, P/U 155K,S/O 115K ROT DRLG F/ 7550' T/ 7986', FTG 436', AVG 218.0 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K SLD DRLG F/ 7986' T/ 8011' T/F180 , FTG 25' AVG 50 FPH, GPM 586, PP 2650 PSI, MTR RPM 164 , S/W 140K, P/U 155K,S/O 115K ROT DRLG F/ 8011' T/ 8081', FTG 70', AVG 280.0 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K SLD DRLG F/ 8081' T/ 8109' T/F180 , FTG 28' AVG 56 FPH, GPM 586, PP 2650 PSI, MTR RPM 164 , S/W 140K, P/U 155K,S/O 115K ROT DRLG F/ 8109' T/ 8833', FTG 724', AVG 222.7 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K SLD DRLG F/ 8833' T/ 8882' T/F 100 RIGHT, FTG 49' AVG 98 FPH, GPM 586, PP 2650 PSI, MTR RPM 164 , S/W 140K, P/U 155K,S/O 115K ROT DRLG F/ 8882' T/ 8933', FTG 51', AVG 204 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K SERVICE RIG ROT DRLG F/ 8933' T/ 9178', FTG 245', AVG 326 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K CIRCULATING 100 STKS (418 GPM) WITH ONE PUMP WHILE C/O SWAB IN #2 MP ROT DRLG F/ 9178' T/ 9594', FTG 416', AVG 208 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K SLD DRLG F/ 9594' T/ 9624' T/F 180 , FTG 30' AVG 60 FPH, GPM 586, PP 2650 PSI, MTR RPM 164 , S/W 140K, P/U 155K,S/O 115K ROT DRLG F/ 9624' T/ 10,102', FTG 408', AVG 204 FPH, GPM 586, PP 2750 PSI,DIFF PRESS 400-500 PSI,WOB 25K RPM 80, MTR RPM 164 BIT RPM 244, R/ TORQ 1800 OFF BTM, 6-9000 ON BTM, S/W 115K, P/U 155K,S/O 115K CIRCULATE 4-40 BBL HI-VIS SWEEPS AROUND @ 585 GPM WITH 100 RPM, RACKING BACK 1 STAND EVERY HOUR TOH ON ELEVATORS 5 STDS. T/ 9,356' (NO TIGHT SPOTS, PULLING 165K OFF BTM) L/D 5" DP F/9,356' T/6,100' (CALLED RRC @ 03:30 TALKED TO KAY WITH NOTICE TO RUNNING 5.5 PRODUCTION CASING & CEMENTING SAME)

REPORT DATE: 09/27/2013	MD: 10,102	TVD: 5,710	DAYS: 9	MW: 9	VISC: 62
DAILY:	\$57,013.27	CUM: \$763,111.45	AFE: \$4,437,851.00	EVENT ACTIVITY: DRILL	
OBJECTIVE:	DRILLING				

START DATE: 09/18/2013	END DATE: 09/28/2013
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AFE NO: 1300539

DAILY DETAILS: L/D 5" DP F/ 6100' T/ BHA L/D DIR BHA CLEAR AND CLEAN RIG FLOOR TIH 12 STDS L/D 36 JTS 5" DP RETRIEVE WEAR BUSHING S/M WITH CASING CREW & RIG CREW, R/D BAILS & ELEVATORS, R/U EXPRESS CSG EQUIP, P/U SHOE, SHOE JOINT, & FLOAT COLLAR, R/U EXPRESS CRT & TEST, RUN 5 1/2 17# P-110 CDC PRODUCTION CASING F/82' T/7,366' C/O TRQ TURN EQUIP & ALL BACKUP EQUIP NOT WORKING ALSO, C/O CASING TONGS (TRQ TURN NOT ALLOWING PROPER TORQUE, R/D TRQ TURN & CONT RUNNING CASING W/O TRQ TURN CONT RUNNING 5 1/2 17# P-110 CDC PRODUCTION CASING F/7,366' T/7,745'

REPORT DATE: 09/28/2013	MD: 10,102	TVD: 5,710	DAYS: 10	MW: 9	VISC: 62
DAILY:	\$478,310.56	CUM: \$1,241,422.01	AFE: \$4,437,851.00	EVENT ACTIVITY: DRILL	
OBJECTIVE:	DRILLING				

START DATE: 09/18/2013	END DATE: 09/28/2013
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AFE NO: 1300539

DAILY DETAILS: RUN 5.5 CSG F/ 7745' T/ 10060', NO TIGHT SPOTS, FILL EVERY THIRTY JTS B/K CIRC WASH DOWN F/ 10060' T/ 10097' 4 BPM W/ 150 PSI R/D CSG CREW R/U CMT HEAD & SURFACE LINES CIRC 150% CSG CAP AT 4 BPM W/ 150 PSI X/O LINES FROM RIG TO BAKER HUGHES, TEST LINES T/ 5500 PSI, PUMP 45 BBLS OF 10PPG BRINE WATER @ 6 BPM WITH 300 PSI FOLLOWED BY 45 BBLS OF MUD CLEAN II 5 BPM WITH 345 PSI, LEAD SLURRY 396 SACKS (148 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 @ 6.5 BPM 450 PSI, MIX AND PUMP (TAIL SLURRY) = 1566 SACKS (358 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 @ 6.5 BPM 495 PSI, SHUT DOWN PUMPS, WASH LINE TO PIT, DROP PLUG WITNESS BY HIGHMOUNT REP, PUMP 10 BBLS OF SUGAR WATER THEN 223 BBLS OF 2% KCL WATER @ 5.0 BPM WITH 1400 PSI, SLOW PUMP 2.5 BPM 10 BBLS REMAINING BBLS WITH 1400 PSI, BUMPED PLUG WITH 1900 PSI, HELD FOR 5 MIN. BLEED OFF PRESS AND 1.5 BBLS , FLOATS HELD, (HAD FULL RETURNS THROUGHOUT CEMENT JOB, CIRCULATED 47 BBLS OF CEMENT TO SURFACE) CEMENT IN PLACE AT 13:40 HRS ON 09/27/2013 FLUSH BOP'S AND FLOW LINE, R/D CMT EQUIP N/D BOP'S, SET SLIPS WITH 80K & ROUGH CUT 5 1/2 CASING, REMOVE FLOWLINE, L/D BOP'S WITH WRANGLER N/U 11' 5M X 7 1/16 10M TUBING HEAD, TEST T/ 5000 PSI, HELD FOR 5 MIN. CLEAN OUT MUD TANKS, START R/D BACKYARD WHILE CLEANING PITS (RELEASE RIG @ 06:00)

REPORT DATE: 09/11/2013	MD:	TVD:	DAYS:	MW:	VISC:
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HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY: \$10,500.00 CUM: \$10,500.00 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS:

REPORT DATE: 10/10/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$19,913.25 CUM: \$30,413.25 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS:

REPORT DATE: 10/15/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$14,017.50 CUM: \$44,430.75 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS:

SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. MIRU NABORS WOU.
MOVE EQUIPMENT.
CREW WORKED ON TONGS PU SAGE RIDER TCP GUNS. TIH W/ SAGE RIDER TCP GUNS TO PERF DEPTH @ 10,044'.
(PERFORATING INTERVALS @ 10,041'-10,044' / 9917'-9925'. 2 - 3' 3/8" GUNS, 6SPF = 36 HOLES @ 60 DEG PHASING). PRESSURE UP ON 5.5"
CSG AND FIRE GUNS @ 3100# PSI, FIRST GUN FIRED AND AFTER 6MIN DELAY SECOND GUN FIRED.
EST INJECTION RATE W/ 3.0 BPM @ 3000# PSI. PUMPED A TOTAL OF 25 BBLS. TOH / LD TBG. SECURE WELL. SDFN.

CMIC - R.PARKER.

REPORT DATE: 10/16/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$23,132.50 CUM: \$67,563.25 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS:

LAY DOWN 2 7/8" WORK STING & TBG. GUNS. N D BOP, INSTALL NIGHT CAP & SECURE WELL, RIG RIG DOWN, RELEASE ALL RENTAL EQUIP.
WELL SHUT IN, PREPARE FOR FRAC. NO ACCIDENTS OR SPILLS REPORTED. CMIC RICHARD PARKER

REPORT DATE: 10/17/2013 MD: TVD: DAYS: MW: VISC:

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY: \$787.50 CUM: \$68,350.75 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS:

REPORT DATE: 10/18/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$58,946.25 CUM: \$127,297.00 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS: CMIC ROY EISENBACH, WO FRACK VALVE & CREW. MIRU SEA BOARD WEIR, SET 10,000 PSI FRAC TREE AND TEST SAME. OK. WO FRACK.

REPORT DATE: 10/19/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$6,866.25 CUM: \$134,163.25 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS: CMIC ROY EISENBACH: WO API TO RUN BOND LOG. 5 MIN SM W/ API, MIRU RUN CBL, FLUID @ 1300', CMT BOND LOOKS GOOD, TOP CMT @ 3530', CBL TD @ 5750'. TOP MRK JNT @ 4931' - 4941'. WO FRAC, WELL SHUT IN.

REPORT DATE: 10/20/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$3,506.25 CUM: \$137,669.50 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS: CMIC ROY EISENBACH: WO BJ & FESCO. RU FRAC EQUIP & FLOW BACK IRON. PREP FOR FRAC ON 10/21/13. WO FRAC.

REPORT DATE: 10/21/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$3,191.25 CUM: \$140,860.75 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS: CMIC ROY EISENBACH: WO FRAC EQUIP. PREP FOR FRAC ON 10/21/13. MIRU API TRUCK & CRANE, COMPLETE FRAC RU. WO FRAC

REPORT DATE: 10/22/2013 MD: TVD: DAYS: MW: VISC:

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889		STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL		
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY: \$35,096.03 CUM: \$175,956.78 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: SAFETY MEETING WITH ALL CREWS ON LOCATION. WAIT ON 5-1 STAGE FRAC
SWAP FRAC RISERS TO WELL.

PRIME AND PRESSURE TEST ALL FRAC LINES AND EQUIPMENT TO 9500#. FRAC STG 1 WOLF CAMP. SPEARHEAD 5040 GALS 15% HCL ACID. 35,900 GALS SLICKWATER PAD. 44,600 GAL SW WITH .25 TO .50 PPG 100 MESH + FLUSH. (CUT FRAC EARLY DUE TO HIGH STP). TOTAL PROP= 15,438# 100 MESH. FORMATION BROKE @ 3767 PSI. AIP = 6873 PSI. AIR = 52 BPM.
MIP = 8698 PSI. MIR = 66. FLUSH W/ 281 BBLS SLICKWATER. ISIP = 2590 PSI. BLWTR = 3681 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP TO 5800', WELL STP INCREASED TO MAX PRESSURE @ (8030# / 12BPM) AND UNABLE TO PUMP GUNS AND PLUG DOWN TO SHOOTING DEPTH. PULL UP TO SURFACE W/ TOOLS.
TOTAL BBLS PUMPED - 35. PUMP DOWN CSG W/ BAKER PUMP DOWN SIDE TO FLUSH CSG OR TRY TO BREAK DOWN. WELL PRESSURES UP AND UNABLE TO PUMP INTO.
TOTAL BBLS PUMPED - 100 WAIT FOR 5-1 STAGE 2 FRAC AND FOR WL TO FINISH PERFORATING FOR 5-1 STG 3. RD API WL MAKE ROOM FOR IPS COIL. MIRU IPS 2" COIL TBG UNIT. WAIT FOR TTS TOOLS AND SAND HOPPER FOR SAND PERF.

DAILY LTR - 3816 BBLS
DAILY FB - 0 BBLS

CMIC - MARK ANDERSON / RICHARD PARKER / JAMES STEWART

REPORT DATE: 10/23/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$87,322.50 CUM: \$263,279.28 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION.

PU TTS TOOLS (JET NOZZLE AND SAND PERF GUNS).
PRIME AND PRESSURE TEST COIL TO 8500#. TIH W/ 2" COIL TO 9680'. WAIT FOR SAND HOPPER (HOT SHOT BROKE DOWN).
CIRCULATE WELL .5 BPM DURING WAIT TIME. (40 BBLS). PERFORATE STG 2 WOLF CAMP W/ TTS SAND PERF GUNS 3'-6 SPF @ 9795'-98', 9672'-75', 36 HOLES.
(175 BBLS) TIH COIL TO 9800', CIRCULATE WELL CLEAN W/ 3.5 BPM, CHASE SWEEP OUT OF HOLE.
TOTAL BBLS CIRC. 300. COIL @ 5000', EST RATE AND BREAK DOWN PERFS.
4 BPM / 3000#, (15 BBLS) TOH COIL, RD UNIT, KEEP ON SB.
TOTAL BBLS PUMPED 530. SWAP LINES, PRIME AND PRESSURE TEST TO 9500#. FRAC STG 2 WOLF CAMP. SPEARHEAD 5040 GALS 15% HCL ACID. 35,900 GALS SLICKWATER PAD. 44,600 GAL SW WITH 5 - .25 TO .50 PPG 100 MESH SLUGS + FLUSH. (CUT FRAC EARLY DUE TO HIGH STP). TOTAL PROP= 12,031# 100 MESH. FORMATION BROKE @ 5025 PSI. AIP = 7896 PSI. AIR = 33 BPM.
MIP = 8622 PSI. MIR = 47. FLUSH W/ 168 BBLS SLICKWATER. ISIP = 3606 PSI. BLWTR = 2917 BBLS. FINISH API RU AND NU FLANGE ADAPTER.
PRIME AND PRESSURE TEST BAKER LINES. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9612'. PERFORATE STG 3 WOLF CAMP W/ 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 9549'-46', 9426'-23', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 14 BPM @ 3500 PSI. USED 281 BBLS WATER).
DROP BALL & LET FALL. SECURE WELL, SDFN.

DAILY LTR - 3728 BBLS
DAILY FB - 0 BBLS

CMIC - MARK ANDERSON / RICHARD PARKER / JAMES STEWART

REPORT DATE: 10/24/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$19,282.50 CUM: \$282,561.78 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: SAFETY MEETING WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST ALL FRAC LINES AND EQUIPMENT TO 9500#. FRAC STG 3 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 51,900 GALS SLICKWATER PAD. 42,300 GAL SW WITH .25 TO .50 PPG 100 MESH + FLUSH. (CUT FRAC EARLY DUE TO HIGH STP). TOTAL PROP= 11,338# 100 MESH. FORMATION BROKE @ 4763 PSI. AIP = 7048 PSI. AIR = 53 BPM. MIP = 8758 PSI. MIR = 65. FLUSH W/ 718 BBLS SLICKWATER. ISIP = 3790 PSI. BLWTR = 2877 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9366'. PERFORATE STG 4 WOLF CAMP W/ 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 9306'-03', 9183'-80', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 14 BPM @ 3500 PSI. USED 265 BBLS WATER).

DROP BALL & LET FALL. WAIT FOR STAGE FRAC ON 5-1H.

API STOP TO MAINTENANCE UNIT. SWAP FRAC LINES

PRIME AND PRESSURE TEST. FRAC STG 4 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 16,600 GALS SLICKWATER PAD. 118,300 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100 BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 85,900 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 77,900 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 292,927# (100 MESH - 83,076#, 40/70 - 101,515#, 30/50 - 108,336#). FORMATION BROKE @ 3565 PSI.

AIP = 4735 PSI. AIR = 65 BPM. MIP = 7523 PSI. MIR= 65 BPM. FLUSH W/ 212 BBLS. ISIP = 2207 PSI. BLWTR = 7127 BBLS. WAIT FOR WL TO PERF STAGE 5 ON 5-1H, (UNABLE TO PUMP DOWN) (STARTED FLOW BACK). TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 9120'. PERFORATE STG 5 WOLF CAMP W/ 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 9060'-57', 8937'-34', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 14 BPM @ 3500 PSI. USED 248 BBLS WATER).

DROP BALL & LET FALL. FRAC STG 5 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 28,900 GALS SLICKWATER PAD. 84,300 GAL SW WITH .25 TO 1.5 PPG 100 MESH W/ 100 BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 96,600 GAL SW WITH .50 TO 1.50 PPG 40/70 WHITE SAND. 70,200 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 293,209# (100 MESH - 84,222#, 40/70 - 99,797#, 30/50 - 109,190#). FORMATION BROKE @ 3582 PSI.

AIP = 5897 PSI. AIR = 64 BPM. MIP = 7613 PSI. MIR= 65 BPM. FLUSH W/ 208 BBLS. ISIP = 2098 PSI. BLWTR = 7445 BBLS. SECURE WELL, SDFN. (WAIT ON COIL TO CLEAN OUT AND PERF 5-1H).

DAILY LTR - 17,962 BBLS
DAILY FB - 0 BBLS

CMIC - MARK ANDERSON / RICHARD PARKER / JAMES STEWART

REPORT DATE: 10/25/2013 MD: TVD: DAYS: MW: VISC:

DAILY: \$23,456.25 CUM: \$306,018.03 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE

OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

DAILY DETAILS: WAIT FOR COIL TO FINISH CLEAN OUT AND PERF ON 5-1H. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 8874'. PERFORATE STG 6 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 8814'-11', 8691'-88', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 13 BPM @ 7000 PSI. USED 260 BBLS WATER).

DROP BALL & LET FALL. WAIT FOR FRAC STAGE 5 ON 5-1H. SWAP LINES, PRIME AND PRESSURE TEST. FRAC STG 5 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 29,500 GALS SLICKWATER PAD. 120,960 GAL SW WITH .25 TO 1.5 PPG 100 MESH W/ 100 BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 110,712 GAL SW WITH .50 TO 1.50 PPG 40/70 WHITE SAND. 71,022 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 293,952# (100 MESH - 84,123#, 40/70 - 99,829#, 30/50 - 110,000#). FORMATION BROKE @ 3499 PSI. AIP = 4156 PSI. AIR = 61 BPM. MIP = 5975 PSI. MIR= 65 BPM. FLUSH W/ 206 BBLS. ISIP = 2192 PSI. BLWTR = 8067 BBLS.

(17:25, PUMPING .50 40/70 WHITE, ALL PUMPS SHUT DOWN DUE TO SOFTWARE PROBLEM, SLOWLY BRING PUMPS BACK ON AND FLUSH EQUIPMENT AND FLUSH SAND AWAY AT PERFS. START BACK WITH SAND STAGE AND CONTINUE SCHEDULE. 2 PUMPS DROPPED OFF LINE AND LOST THE LOGITECH TRACE FOR A FEW MINUTES BUT BACK ON DURING 1.25# 40/70 STAGE). SECURE WELL, SDFN.

DAILY LTR - 8067 BBLS
DAILY FB - 0 BBLS

CMIC - MARK ANDERSON / RICHARD PARKER / JAMES STEWART

REPORT DATE: 10/26/2013 MD: TVD: DAYS: MW: VISC:

DAILY: \$85,353.75 CUM: \$391,371.78 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE

OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 8628'. PERFORATE STG 7 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 8568'-65', 8445'-42', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 13 BPM @ 7000 PSI. USED 450 BBLS WATER). DROP BALL & LET FALL. SWAP LINES, PRIME AND PRESSURE TEST. FRAC STG 7 WOLF CAMP. SPEARHEAD 4914 GALS 15% HCL ACID. 38,600 GALS SLICKWATER PAD. 20,400 GAL SW WITH .25 TO .50 PPG 100 MESH + FLUSH. (CUT FRAC EARLY DUE TO HIGH STP), TOTAL PROP= 6000# 100 MESH. FORMATION BROKE @ 4517 PSI. AIP = 7341 PSI. AIR = 56 BPM. MIP = 8215 PSI. MIR = 66. FLUSH W/ 286 BBLS SLICKWATER. ISIP = 4507 PSI. BLWTR = 3093 BBLS. DROPPED 30# - 30 BBL GEL PILL AND 60 BBL ACID PILL (SCREENED OUT STAGE 7 ON FLUSH AFTER 6000# 100 MESH). OPEN WELL TO FLOW BACK. SHUT IN WELL, CSG ROSE TO (850# IN 10 MIN). TOTAL FB = 350 BBLS. WAIT FOR FRAC STAGE 7 ON 5-1H. (1HR SICIP = 900#). SWAP FRAC LINES FRAC ATTEMPTS TO FLUSH WELL, PUMPING @ 3 BPM STP HIT MAX PRESSURE - 8750#, MAKE SEVERAL ATTEMPTS TO FLUSH BUT UNABLE TO PUMP INTO FORMATION. TOTAL BBLS PUMPED = 92 BBLS. SWAP LINES TO FRAC STG 8 ON 5-1H. IPS COIL WAITING ON FRAC TO FINISH STAGE 8 ON THE 5-1H. MIRU IPS 2" COIL TBG UNIT. MAKE UP JARS AND PERFORATING TOOLS. TIH WITH 2" COIL TBG. PUMPING .5 BPM, TO 8322'. HOLE SLICK PERFORATE STG 8 WOLF CAMP W/ TTS SAND PERF GUNS 3'-6 SPF @ 8319'-8322', 8196'-8199', 36 HOLES. (367.5 BBLS) CIRC. HOLE CLEAN, PUMP SWEEP F/ 8325', CHASE SWEEP OUT OF HOLE TO 5000' SHUT CSG. IN EST. RATE 2.5 BPM AT 2400 PSI. PUMP 10 BBLS. ISDP 2000 PSI. POOH TO SURFACE W/ 2" COIL TBG. RIG DOWN MOVE OUT IPS COIL TBG. UNIT.

DAILY LTR - 4220 BBLS
DAILY FB - 745 BBLS

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

REPORT DATE:	10/27/2013	MD:	TVD:	DAYS:	MW:	VISC:
DAILY:	\$20,043.75	CUM:	\$411,415.53	AFE:	\$4,437,851.00	EVENT ACTIVITY: COMPLETE
OBJECTIVE:	COMPLETION					

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST. FORMATION STARTED BREAKING DOWN @ 6350# W/ 30 BPM, PERFS BRIDGED OFF AND STP SPIKED TO 9096#. HAD ACID IN TUB AND PIPE, FLUSHE LINES AND TURN OVER TO WL PUMP DOWN SIDE TO FINISH PUMPING DOWN ACID FOR THE BREAK. (161 BBLS PUMPED AWAY). TURN OVER TO PUMP DOWN SIDE AND FINISH PUMPING ACID AWAY AND BREAK DOWN FORMATION. OPEN SICIP 1830#, PUMP INTO AND BRK @ 4703#, LOAD HOLE W/ 70 BBLS STP @ 7179#, BRING RATE UP TO 20 BPM ACID HIT AND BROKE OVER TO 3980# . PUMPED A TOTAL OF (260) BBLS. SICIP- 2220#. WAIT FOR STAGE 9 FRAC ON 5-1H. SWAP FRAC LINES, PRIME AND PRESSURE TEST. FRAC STG 8 WOLF CAMP. SPEARHEAD 5040 GALS 15% HCL ACID. 17,600 GALS SLICKWATER PAD. 154,100 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 101,430 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 72,100 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 293,871# (100 MESH - 82,165#, 40/70 - 99,995#, 30/50 - 111,711#). FORMATION BROKE @ 6350 PSI. AIP = 5663 PSI. AIR = 64 BPM. MIP = 9096 PSI. MIR= 65 BPM. FLUSH W/ 190 BBLS. ISIP = 2085 PSI. BLWTR = 7823 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 8136'. PERFORATE STG 9 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 8076'-73', 7953'-50', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 15 BPM @ 3920 PSI. USED 187 BBLS WATER). DROP BALL & LET FALL. SECURE WELL, SDFN.

DAILY LTR - 8431 BBLS
DAILY FB - 0 BBLS

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

REPORT DATE:	10/28/2013	MD:	TVD:	DAYS:	MW:	VISC:
DAILY:	\$21,933.75	CUM:	\$433,349.28	AFE:	\$4,437,851.00	EVENT ACTIVITY: COMPLETE
OBJECTIVE:	COMPLETION					

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889		STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL		
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. WRONG CHEMICALS WERE DELIVERED (FLO BACK CHEMICAL), WAIT FOR NEW CHEMICALS. PRIME AND PRESSURE TEST. FRAC STG 9 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 25,800 GALS SLICKWATER PAD. 122,800 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 96,600 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 66,100 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 292,208# (100 MESH - 83,544#, 40/70 - 99,765#, 30/50 - 108,899#). FORMATION BROKE @ 5413 PSI. AIP = 5360 PSI. AIR = 65 BPM. MIP = 7550 PSI. MIR= 65 BPM. FLUSH W/ 184 BBLS. ISIP = 2378 PSI. BLWTR = 7389 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7890'. PERFORATE STG 10 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 7830'-27', 7707'-04', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 15 BPM @ 3920 PSI. USED 187 BBLS WATER). DROP BALL & LET FALL. (COLLAR LOCATOR @ 4000', POOH, FIX AND RUN BACK IN). SWAP FRAC LINES, PRIME AND PRESSURE TEST. FRAC STG 10 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 31,400 GALS SLICKWATER PAD. 118,600 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 67,300 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND + FLUSH. TOTAL PROP= 147,270# (100 MESH - 84,250#, 40/70 - 63,020#). FORMATION BROKE @ 3367 PSI. AIP = 4220 PSI. AIR = 66 BPM. MIP = 5198 PSI. MIR= 66 BPM. FLUSH W/ 178 BBLS. ISIP = 2267 PSI. BLWTR = 5281 BBLS. (CUT STAGE EARLY DURING 1.5# 40/70 STAGES DUE TO STP RISE, AVOID SCREEN OUT). TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7644'. PERFORATE STG 11 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 7584'-81', 7461'-58', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 15 BPM @ 3200 PSI. USED 132 BBLS WATER). DROP BALL & LET FALL. SECURE WELL, SDFN.

DAILY LTR - 12,989 BBLS
DAILY FB - 0 BBLS

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

REPORT DATE:	10/29/2013	MD:		TVD:		DAYS:		MW:		VISC:	
DAILY:	\$21,663.75	CUM:	\$455,013.03	AFE:	\$4,437,851.00	EVENT ACTIVITY: COMPLETE					
OBJECTIVE:	COMPLETION										

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST. FRAC STG 11 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 45,570 GALS SLICKWATER PAD. 142,842 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 96,500 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 71,200 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 298,095# (100 MESH - 89,561#, 40/70 - 98,379#, 30/50 - 110,155#). FORMATION BROKE @ 3282 PSI. AIP = 5732 PSI. AIR = 66 BPM. MIP = 7210 PSI. MIR= 66 BPM. FLUSH W/ 173 BBLS. ISIP = 2362 PSI. BLWTR = 8908 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7370'. PERFORATE STG 12 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 7338'-35', 7215'-12', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 12 BPM @ 4420 PSI. USED 115 BBLS WATER). DROP BALL & LET FALL. WAIT FOR FRAC ON 5-1H. SWAP FRAC LINES, PRIME AND PRESSURE TEST. FRAC STG 12 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 31,200 GALS SLICKWATER PAD. 120,200 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 98,500 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 71,500 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 292,510# (100 MESH - 83,190#, 40/70 - 99,755#, 30/50 - 109,565#). FORMATION BROKE @ 3392 PSI. AIP = 4851 PSI. AIR = 66 BPM. MIP = 6559 PSI. MIR= BPM. FLUSH W/ 170 BBLS. ISIP =2316 PSI. BLWTR = 7489 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 7126'. PERFORATE STG 13 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 7089'-92', 7966'-69', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 12 BPM @ 2725 PSI. USED 99 BBLS WATER). DROP BALL & LET FALL. WAIT FOR FRAC ON 5-1H. SECURE WELL, SDFN.

DAILY LTR - 16,611 BBLS
DAILY FB - 0 BBLS

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

REPORT DATE:	10/30/2013	MD:		TVD:		DAYS:		MW:		VISC:	
DAILY:	\$21,671.25	CUM:	\$476,684.28	AFE:	\$4,437,851.00	EVENT ACTIVITY: COMPLETE					
OBJECTIVE:	COMPLETION										

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST. FRAC STG 13 WOLF CAMP. SPEARHEAD 5040 GALS 15% HCL ACID. 36,300 GALS SLICKWATER PAD. 125,160 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 97,300 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 71,000 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 292,065# (100 MESH - 83,361#, 40/70 - 99,399#, 30/50 - 109,305#) . FORMATION BROKE @ 4274 PSI. AIP = 5096 PSI. AIR = 65 BPM. MIP = 7599 PSI. MIR= 66 BPM. FLUSH W/ 165 BBLS. ISIP = 2129 PSI. BLWTR = 7819 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 6906'. PERFORATE STG 14 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 6846'-43', 6723'-20', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 15 BPM @ 5500 PSI. USED 109 BBLS WATER). DROP BALL & LET FALL. WAIT FOR FRAC ON 5-1H. SWAP FRAC LINES, PRIME AND PRESSURE TEST. FRAC STG 14 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 31,300 GALS SLICKWATER PAD. 120,000 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 97,300 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 71,800 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 292,632# (100 MESH - 85,550#, 40/70 - 96,105#, 30/50 - 110,977#) . FORMATION BROKE @ 3926 PSI. AIP = 4047 PSI. AIR = 66 BPM. MIP = 4510 PSI. MIR= 65 BPM. FLUSH W/ 158 BBLS. ISIP =2191PSI. BLWTR = 7444 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 6660'. PERFORATE STG 15 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 6600'-6597', 6477'-74', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 14 BPM @ 2900 PSI. USED 88 BBLS WATER). DROP BALL & LET FALL. WAIT FOR FRAC ON 5-1H. SECURE WELL, SDFN.

DAILY LTR - 15,460 BBLS
DAILY FB - 0 BBLS

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

REPORT DATE: 10/31/2013	MD:	TVD:	DAYS:	MW:	VISC:
DAILY: \$12,514.77	CUM: \$489,199.04	AFE: \$4,437,851.00	EVENT ACTIVITY: COMPLETE		
OBJECTIVE: COMPLETION					

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST. FRAC STG 15 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 31,300 GALS SLICKWATER PAD. 115,800 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 97,500 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 71,600 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 292,825# (100 MESH - 84,250#, 40/70 - 99,877#, 30/50 - 108,698#) . FORMATION BROKE @ 3254 PSI. AIP = 4836 PSI. AIR = 65 BPM. MIP = 6542 PSI. MIR= 66 BPM. FLUSH W/ 153 BBLS. ISIP = 2240 PSI. BLWTR = 7907 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 6414'. PERFORATE STG 16 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 6354'-51', 6231'-28', 36 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 12 BPM @ 3200 PSI. USED 65 BBLS WATER). DROP BALL & LET FALL. WAIT FOR FRAC ON 5-1H. SWAP FRAC LINES, PRIME AND PRESSURE TEST. FRAC STG 16 WOLF CAMP. SPEARHEAD 2520 GALS 15% HCL ACID. 31,300 GALS SLICKWATER PAD. 120,000 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 97,500 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 66,100 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 293,847# (100 MESH - 83,310#, 40/70 - 99,146#, 30/50 - 111,391#) . FORMATION BROKE @ 3940 PSI. AIP = 4154 PSI. AIR = 66 BPM. MIP = 5644 PSI. MIR= 66 BPM. FLUSH W/ 145 BBLS. ISIP =2145 PSI. BLWTR = 7371 BBLS. TIH W/ 5 1/2" 10K MAGNUM BALL DROP CFP, SET PLUG @ 6168'. PERFORATE STG 17 WOLF CAMP W/ 2- 3' -3 1/8" SLICK GUNS 6 SPF W/ 21 GRAM CHGS @ 6108'-05', 5985'-82', 5862'-59', 54 HOLES. (PUMP GUNS DOWN FROM 5400' TO PERF DEPTH @ 14 BPM @ 2800 PSI. USED 62 BBLS WATER). DROP BALL & LET FALL. WAIT FOR FRAC ON 5-1H. SECURE WELL, SDFN.

DAILY LTR - 15,405 BBLS
DAILY FB - 0 BBLS

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

REPORT DATE: 11/01/2013	MD:	TVD:	DAYS:	MW:	VISC:
DAILY: \$1,951,842.12	CUM: \$2,441,041.17	AFE: \$4,437,851.00	EVENT ACTIVITY: COMPLETE		
OBJECTIVE: COMPLETION					

START DATE: 10/10/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: WSIFN. SAFETY MEETING AND JSA REVIEW WITH ALL CREWS ON LOCATION. PRIME AND PRESSURE TEST. FRAC STG 17 WOLF CAMP. SPEARHEAD 3780 GALS 15% HCL ACID. 28,900 GALS SLICKWATER PAD. 153,300 GAL SW WITH .25 TO 1.50 PPG 100 MESH W/ 100+ BBL MINI SWEEPS BETWEEN EACH PROP CON INCREASE. 140,400 GAL SW WITH .50 TO 2.0 PPG 40/70 WHITE SAND. 104,700 GAL 20# LG W/ .75 -2.75 PPG 30/50 WHITE + FLUSH. TOTAL PROP= 452,446# (100 MESH - 120,720#, 40/70 - 157,712#, 30/50 - 174,014#) . FORMATION BROKE @ 3501PSI. AIP = 4087 PSI. AIR = 86 BPM. MIP = 4581 PSI. MIR= 86 BPM. FLUSH W/ 136 BBLS. ISIP = 2052 PSI. BLWTR = 9665 BBLS. TIH W/ 5 1/2" 8K MAGNUM CBP (CAP PLUG), SET PLUG @ 5000'. POOH AND SECURE WELL. WAIT FOR WATER FOR 5-1 FRAC. WAIT FOR STAGE 19 FRAC ON THE 5-1H. SECURE WELL, RDMO ALL SERVICES.

DAILY LTR - 9665 BBLS
TOTAL PLUGS TO DRILL OUT = 15.
TOTAL LOAD TO RECOVER = 115,609 BBLS.

CMIC - RICHARD PARKER / JAMES STEWART/ KENNETH HIGHT.

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator		FIELD NAME		SPUD DATE	FGS	GL	KB	WELL USER KEY
HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		WOLFCAMP OP		09/18/2013		7,500	7,522	L354670004
API	STATE	COUNTY	DIVISION		UWI			
4241332889	TX	SCHLEICHER	OPERATIONS - PERMIAN		145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

REPORT DATE: 11/02/2013 MD: TVD: DAYS: MW: VISC:
 DAILY: \$0.00 CUM: \$2,441,041.17 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
 OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

DAILY DETAILS: WAIT FOR DRILL OUT.

REPORT DATE: 11/03/2013 MD: TVD: DAYS: MW: VISC:
 DAILY: \$0.00 CUM: \$2,441,041.17 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
 OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

DAILY DETAILS: WAIT FOR DRILL OUT.

REPORT DATE: 11/04/2013 MD: TVD: DAYS: MW: VISC:
 DAILY: \$0.00 CUM: \$2,441,041.17 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
 OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

DAILY DETAILS: WAIT FOR DRILL OUT.

REPORT DATE: 11/05/2013 MD: TVD: DAYS: MW: VISC:
 DAILY: \$0.00 CUM: \$2,441,041.17 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
 OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

DAILY DETAILS: WAIT FOR DRILL OUT

REPORT DATE: 11/06/2013 MD: TVD: DAYS: MW: VISC:
 DAILY: \$58,535.35 CUM: \$2,499,576.52 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
 OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:

AFE NO: 1300539

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator		FIELD NAME		SPUD DATE	FGS	GL	KB	WELL USER KEY
HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		WOLFCAMP OP		09/18/2013		7,500	7,522	L354670004
API	STATE	COUNTY	DIVISION		UWI			
4241332889	TX	SCHLEICHER	OPERATIONS - PERMIAN		145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: WAIT ON 5-1H DRILL OUT MIRU COMPLETION RIG, NU BOPE, LOAD WORK STRING ON RACKS AND TALLY. MAKE UP 4 3/4" BIT W/ MOTOR, RIH W/ 160 JTS. 2 7/8" PH6 TBG. TAG KILL PLUG @ 5000' RIG UP SWIVEL, INSTALL JERK LINE & BIW HEAD. DRILL OUT CBP AT 5000' W/ 3 BBLs IN & 3 BBL OUT. 300# CSG PRESSURE UNDER PLUG. PUMP 10 BBL 50 VIS SWEEP. TIH W/ TBG TO 1ST CFP TAG # 1 CFP, START DRILLING @ 2.5 BPM / 1700 - 2200# PUMP PSI AND 220# CSG (FLOWING 1 BBL OVER PUMP CIRC). DISPLACE 10 BBL, 50 VIS SWEEP AND CIRC TBG CAPACITY AFTER EACH PLUG IS DRILLED. CATCHING PLUG DEBRIS IN 3" PLUG CATCHER AND CONTROLLING WELL WITH FLOW BACK MANIFOLD / CHOKES.

CFP #	CFP DEPTH	DRILL OUT TIME.	
1	6168'	5 MIN	SWEEP / CIRC / WORK PIPE / WASHING DN W/ MEDIUM SAND.
2	6414'	7 MIN	SWEEP / CIRC FULL BU / WORK PIPE / WASHING DN W/ MEDIUM SAND.
3	6660'	13 MIN	SWEEP / CIRC / WORK PIPE / WASHING DN W/ LIGHT SAND.
4	6906'	8 MIN	SWEEP / CIRC / WORK PIPE / LGT SAND, WASHING DOWN SINGLES.
5	7126'	12 MIN	SWEEP / CIRC / FULL BU / WORK PIPE / WASHING DN W/ MEDIUM SAND.
6	7370'	18 MIN	SWEEP / CIRC / WORK PIPE / WASHING DN W/ HEAVY SAND.
7	7644'	17 MIN	SWEEP / CIRC / WORK PIPE / WASHING DN W/ MEDIUM SAND.
8	7890'	18 MIN	SWEEP / CIRC FULL BU / WORK PIPE / WASHING DN W/ LIGHT SAND.
9	8136'	19 MIN	SWEEP / CIRC WORK PIPE / WASHING DN W/ LIGHT SAND.
10	8628'	18 MIN	SWEEP / CIRC FULL BU / WORK PIPE / WASHING DN W/ LIGHT SAND.

FLOW BACK SHOWES GOOD FLUID RETURNS @ 3.5 BPM AND PLUG DEBRIS.

TOTAL BBLs PUMPED - 1066
TOTAL BBLs RECOVERED - 1707
TLTR - 115,609 BBLs.

CMIC - R. PARKER / S. KNIGHT

REPORT DATE: 11/07/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$69,605.50 CUM: \$2,569,182.02 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

DAILY DETAILS: TAG # 11 CFP, START DRILLING @ 3 BPM / 1700 - 2200# PUMP PSI AND 150-200# CSG (FLOWING 1 BBL OVER PUMP CIRC). DISPLACE 10 BBL, 50 VIS SWEEP AND CIRC TBG CAPACITY AFTER EACH PLUG IS DRILLED. CATCHING PLUG DEBRIS IN 3" PLUG CATCHER AND CONTROLLING WELL WITH FLOW BACK MANIFOLD / CHOKES.

CFP #	CFP DEPTH	DRILL OUT TIME.	
11	8874'	17 MIN	SWEEP / CIRC / WORK PIPE / WASHING DN W/ LIGHT - MED SAND.
12	9120'	14 MIN	SWEEP / FULL BU / CIRC / WORK PIPE / WASHING DN W/ LIGHT - MED SAND.
13	9366'	11 MIN	SWEEP / CIRC / WORK PIPE / WASHING DN W/ LIGHT - MED SAND.
14	9612'	12 MIN	SWEEP / CIRC / WORK PIPE / LIGHT - MED, WASHING DOWN SINGLES.

FLOW BACK SHOWES GOOD FLUID RETURNS @ 4 BPM AND PLUG DEBRISW/ LIGHT - MED SAND..

TOTAL BBLs PUMPED - 2780
TOTAL BBLs RECOVERED - 2387
TLTR - 114,968 BBLs.

CMIC R. PARKER / S. KNIGHT TIH WASHING SINGLES DOWN TO PBTD @ 10,054' CIRC. HOLE @ 3.5 BPM, 1200 PSI. TBG. 200 PSI. CSG. PUMPING 7 -10 BBL HIGH VIS SWEEPS GETTING PLUG PARTS, LIGHT TO MED SAND.CIRC. HOLE CLEAN RD SWIVEL. MIRU API WIRELINE, CALIBRATE PROTECHNICS TOOLS. RUN TRACER LOG FROM 10,020' UP TO 4,900', PUMPED DOWN AT 3.25 BPM / 1700 TBG PSI. TOH w/ DRILL OUT TOOLS LAYING DOWN PH6 TBG. RU WL TO RUN 4.625" GR/JB

REPORT DATE: 11/08/2013 MD: TVD: DAYS: MW: VISC:
DAILY: \$45,970.00 CUM: \$2,615,152.02 AFE: \$4,437,851.00 EVENT ACTIVITY: COMPLETE
OBJECTIVE: COMPLETION

START DATE: 10/10/2013 END DATE:
AFE NO: 1300539

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER	DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL			
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

DAILY DETAILS: RUN 4.625" OD GAGE RING TO 5600', SET TRYTON PACKER @ 5500'. C/O PIPE RAMS TO 2 3/8", TEST PACKER TO 1500 PSI. TEST OK MAKE UP ON/OFF TOOL & TIH W/ 165 JTS. 2 3/8" TBG. AND 7 GAS LIFTS. RIG DOWN RIG FLOOR, ND BOPE AND FLOW CROSS. SPACE OUT PRODUCTION TBG. W/ 165 JTS. 2 3/8" J-55 4.7# + 1 - 8' + 1-6' TBG. SUB, LAND TBG. W/ 10K IN TENSION, NU TREE, PUMP DOWN TBG. AND KNOCK DISK OUT @ 2400 PSI. GAS LIFTS @ 1611', 2806', 3535', 4033', 4531', 5030', 5462' - TOP OF PKR. @ 5497' RIG DOWN AND MOVE RIG OUT. TURN TO PRODUCTION @ 17:00 HRS. 11/07/2013 WSI, TURNED TO PRODUCTION @ 17:00 HRS.

NO ACCIDENTS OR SPILLS REPORTED
CMIC RICHARD PARKER

REPORT DATE: 11/08/2013	MD:	TVD:	DAYS:	MW:	VISC:
DAILY: \$55,934.00	CUM: \$55,934.00	AFE: \$4,437,851.00	EVENT ACTIVITY: PRODUCTION		
OBJECTIVE: PRODUCTION					

START DATE: 11/07/2013

END DATE:

AFE NO: 1300539

DAILY DETAILS: RUN 4.625" OD GAGE RING TO 5600', SET TRYTON PACKER @ 5500'. C/O PIPE RAMS TO 2 3/8", TEST PACKER TO 1500 PSI. TEST OK MAKE UP ON/OFF TOOL & TIH W/ 165 JTS. 2 3/8" TBG. AND 7 GAS LIFTS. RIG DOWN RIG FLOOR, ND BOPE AND FLOW CROSS. SPACE OUT PRODUCTION TBG. W/ 165 JTS. 2 3/8" J-55 4.7# + 1 - 8' + 1-6' TBG. SUB, LAND TBG. W/ 10K IN TENSION, NU TREE, PUMP DOWN TBG. AND KNOCK DISK OUT @ 2400 PSI. GAS LIFTS @ 1611', 2806', 3535', 4033', 4531', 5030', 5462' - TOP OF PKR. @ 5497' RIG DOWN AND MOVE RIG OUT. TURN TO PRODUCTION @ 17:00 HRS. 11/07/2013 WSI, TURNED TO PRODUCTION @ 17:00 HRS.

NO ACCIDENTS OR SPILLS REPORTED
CMIC RICHARD PARKER

HIGHMOUNT EXPLORATION & PRODUCTION TEXAS WELL CHRONOLOGY REPORT

UNIVERSITY 54 6-1H

Operator HIGHMOUNT EXPLORATION & PRODUCTION TEXAS		FIELD NAME WOLFCAMP OP		SPUD DATE 09/18/2013	FGS	GL 7,500	KB 7,522	WELL USER KEY L354670004
API 4241332889	STATE TX	COUNTY SCHLEICHER		DIVISION OPERATIONS - PERMIAN		UWI 145' FSL & 970' FWL, SEC 5, BLK 54, A-U40, SURVEY- UL		
Lat/Long.: 31° 0' 3.398400 N / 100° 56' 4.200000 W								

FLARE