



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 9/20/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	MIKE CARTER	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV: 0	
SPUD DATE :		RIG RELEASE:		1ST SALES :	

**REPORT DATE: 06/28/2012** MD :0 TVD :0 PROGRESS : 964 DAYS : MW :8.5 VISC : 30  
 DAILY: DC: \$130,998 CC :\$0 TC : \$130,998 CUM : DC : \$130,998 CC : \$0 TC : \$130,998  
 FORMATION: PBDT : PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: DRILL SURFACE

DAILY DETAILS : DRILL FROM SURFACE TO 690FT., POOH ,- TEXAS PATERN SHOE, 1 JOINT 13 3/8" 54.5 PPF, J-55, LT&C CASING, COLLAR, 18 JOINTS 13 3/8" 54.5 PPF, J-55, LT&C CASING. TOTAL CASING RAN = 690 WASHED DOWN F/ 650 TO 690. SET @ 690 CENTRALIXER MIDDLE OF FIRST JOINT EVERY OTHER JOINT TOTAL 7 CENTRILORS. RR JOB # 6223 INSTALL BASIC CEMENT HEAD, TEST LINES TO 1500 PSI, PUMP 20 BBL FRESH WATER SPACER, MIX & PUMP 600 SX LEAD, M/P CLASS C 2 % CALC2 CEMENT @ 14.8 PPG, 1.32 YIELD, MIXED WITH 6.34 GAL FRESH WATER. DISPLACED WITH 101 BBL FRESH WATER @ 6 BPM, PUMPED @ 200 PSI. BUMPED PLUG @ 11:34 HRS. PRESSURED UP TO 800 PSI. BLED OFF PRESSURE, FLOAT EQUIPMENT HELD. NO RETURNS, HAD TO DO TOP JOB WITH 127 SACKS AND 5 BBLs BACK TO SURFACE. R.R. COM JOB # 6223, WAIT 4 HRS AND 30 BBL BACK TO SURFACE. 125 SACKS, WAIT FOUR HOURS CUT OFF CASING AND RIG DOW RIG AND MAKE READY TO MOVE

**REPORT DATE: 09/20/2012** MD :0 TVD :0 PROGRESS : 0 DAYS : MW : VISC :  
 DAILY: DC: \$24,475 CC :\$0 TC : \$24,475 CUM : DC : \$155,473 CC : \$0 TC : \$155,473  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: MIRU TO THE UNIVERSITY 9 2808H

DAILY DETAILS : WAIT ON DAYLIGHT SAFETY MEETING WITH ALL PERSONNEL & RIG MOVE CREWS. MOVE RIG FROM UNIVERSTIY 9A #1102H TO THE UNIVERSITY 9 2808H. 90% OF RIG ON NEW LOCATION. SECOND CRANE DID NOT ARRIVE ON LOCATION UNTIL 10:30 AM. WAIT ON DAYLIGHT.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 9/21/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. : 1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>	
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :		RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/21/2012** MD :0 TVD :0 PROGRESS : 0 DAYS : MW : VISC :  
 DAILY: DC: \$172,067 CC :\$0 TC : \$172,067 CUM : DC : \$327,540 CC : \$0 TC : \$327,540  
 FORMATION: PBD : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: WAIT ON DAYLIGHT. 70% RIGGED UP

DAILY DETAILS : WAIT ON DAYLIGHT SAFETY MEETING ON RIGGING UP WITH CREWS AND RIG MOVERS. CONTINUE TO RIG UP. 100% RIG ON LOCATION AND SET. 70% RIGGED UP. TRUCKS RELEASED AT 17:00 HRS. ONE CRANE HAS ABOUT 2 HRS CRANE WORK LEFT IN MORNING SETTING CENTRIFUGES & STANDS. WAIT ON DAYLIGHTS. FULL CREWS, SAFETY MEETING HELD, NO REPORTED ACCIDENTS.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 9/24/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV: 0	
SPUD DATE :		RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/22/2012** MD :0 TVD :0 PROGRESS : 0 DAYS : MW :8.1 VISC : 40  
 DAILY: DC: \$212,977 CC :\$0 TC : \$212,977 CUM : DC : \$540,517 CC : \$0 TC : \$540,517  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: NU BPE

DAILY DETAILS : WAIT ON DAYLIGHT. SAFETY MEETING WITH RIG CREWS. CONTINUE TO RIG UP. RAISE AND SECURE DERRICK @ 11:00 HRS ON 9/21/2012. INSTALL FLOOR PLATES, PU TUGGERS, RD BRIDAL LINE. RU VDOOR. HANG TOP DRIVE TRACKS & TOPDRIVE, RU SERVICE LOOPS, KELLY HOSE, FLOOR PLATES, FILL TOPDRIVE WITH OIL. CHANGE OUT HYDRAULIC HOSE ON TOPDRIVE. NU BOPE.  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.

**REPORT DATE: 09/23/2012** MD :1480 TVD :1480 PROGRESS : 766 DAYS :1 MW :8.1 VISC : 40  
 DAILY: DC: \$347,182 CC :\$0 TC : \$347,182 CUM : DC : \$887,699 CC : \$0 TC : \$887,699  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: DRLG @ 1480'

DAILY DETAILS : CONTINUE TO NU BOPE. HOOK UP TURNBUCKLES, FLOWLINE, & ACCUMULATOR LINES. TEST BOP, BLIND RAMS, PIPE RAMS, CHOKE MANIFOLD, HYDRIL, FLOOR VALVES, MUDLINES TO MUD PUMPS TO 250/2500 PSI. ALL TEST OK. ACCUMULATOR FAILED TEST. NEED TO RECHARGE BOTTLES. TEST CASING TO 1000 PSI. TEST OK. RIG DOWN TESTER. INSTALL TRASH SUB. COMPRESSION CLAMPS, CHANGE OUT BACK OUT DIES ON TOP DRIVE, PU BELLS & ELEVATOR, REPAIR LINE TO AIR BRAKE, RESTRUNG TUCKER LINE, AND GERINOMO LINE. INSTALL WEAR BUSHING.  
 RIG INSPECTION. RIG UP FLOW PADDLE, PASON WIRES, FILL UP LINE, & PVC FLOW LINE. PU BHA #2. NOV DSH 616D, NOV 6 1/2" POWER PLUS, 1.5? ADJ, 7/8, 5.0, O.28 RPG, NMDC, PULSER SUB, NMFC, ROLLER REAMER, XO. TIH TO 670'. TAG CEMENT. DISPLACE FRESH WATER FROM CASING WITH OIL MUD. DRILL CEMENT & FLOAT EQUIPMENT FROM 670' TO 714'. WOB3, GPM 80, RPM 40, ROTATE 135'. WOB 10, GPM 560, RPM 40, ROP 180 SURVEY @ 795'. INC 0.62? @ AZ 288.52 ROTATE 184'. WOB 10 GPM 560, RPM 80, DIFF 140, ROP 368 SURVEY @ 979'. INC 0.53? @ AZ 279.28 ROTATE 186'. WOB 15, GPM 560, RPM 80, DIFF 140, ROP 186 SURVEY @ 1165'. INC 0.62? @ AZ 268.22 ROTATE 185'. WOB 15, GPM 560, RPM 80, DIFF 150, ROP 185 SURVEY @ 1350'. INC 0.88? @ AZ 282.12 ROTATE 76'. WOB 15, GPM 600, RPM 80, DIFF 200, ROP 152.  
 PU WT 90, SO WT 90, ROT WT 90, SPR @ 1404'. #1 40 SPM@220 PSI, #2 40 SPM @ 210 PSI  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS



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OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :		RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/24/2012** MD :5383 TVD :5382 PROGRESS : 3903 DAYS : 2 MW :42.0 VISC : 7  
 DAILY: DC: (\$310,671) CC :\$0 TC : (\$310,671) CUM : DC : \$577,028 CC : \$0 TC : \$577,028  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: SURVEY @ 5334'. INC0.26? @ AZ 317.17

DAILY DETAILS : ROTATE 114'. WOB 15, GPM 560, RPM 80, DIFF 250, ROP 220. SURVEY @ 1540'. INC 0.62? @ AZ 275.68 ROTATE 189'. WOB 15, GPM 560, RPM 80, DIFF 260, ROP 189 SURVEY @ 1729'. INC 0.62? @ AZ 278.68 ROTATE 189'. WOB 15, GPM 560, RPM 80, DIFF 300, ROP 189 SURVEY @ 1918'. INC 0.70? @ AZ 256.44 ROTATE 191'. WOB 15, GPM 560, RPM 80, DIFF 310, ROP 191 SURVEY @ 2109'. INC 0.88? @ AZ 250.64 ROTATE 190'. WOB 15, GPM 560, RPM 80, DIFF 320, ROP 126.67 SURVEY @ 2299'. INC 0.88? @ AZ 251.17 ROTATE 190'. WOB 15, GPM 560, RPM 80, DIFF 320, ROP 190 SURVEY @ 2489'. INC 0.97? @ AZ 251.07 ROTATE 190'. WOB 15, GPM 610, RPM 80, DIFF 500, ROP 152 SURVEY @ 2679'. INC 1.08? @ AZ 247.35 ROTATE 188'. WOB 20, GPM 610, RPM 80, DIFF 500, ROP 188 SURVEY @ 2867'. INC 1.23? @ AZ 256.26 ROTATE 189'. WOB 23, GPM 610, RPM 80, DIFF 510, ROP 126 SURVEY @ 3056'. INC @ 3056'. INC 1.23? @ AZ 266.28 ROTATE 191'. WOB 25, GPM 610, RPM 80, DIFF 480, ROP 254.7 SURVEY @ 3247'. INC 1.23? @ AZ 236.12 ROTATE 188'. WOB 25, GPM 590, RPM 80, DIFF 530, ROP 376 SURVEY @ 3435'. INC 1.06? @ AZ 232.05 ROTATE 188'. WOB 25, GPM 590, RPM 80, DIFF 510, ROP 376 SURVEY @ 3623'. WOB 1.76? @ AZ 249.06 ROTATE 191'. WOB 25, GPM 590, RPM 80, DIFF 490, ROP 191 SURVEY @ 3814'. INC 1.49? @ AZ 263.03 ROTATE 190'. WOB 25, GPM 590, RPM 80, DIFF 500, ROP 190 SURVEY @ 4004'. INC 1.41? @ AZ 272.35 ROTATE 190'. WOB 25, GPM 590, RPM 80, DIFF 500, ROP 190 SURVEY @ 4194'. INC 1.06? @ AZ 261.80 ROTATE 189'. WOB 28, GPM 590, RPM 80, DIFF 500, ROP 189 SURVEY @ 4383'. INC 0.97? @ AZ 259.25 ROTATE 190'. WOB 28, GPM 590, RPM 80, DIFF 500, ROP 253.3 SURVEY @ 4573'. WOB 0.53? @ AZ 260.75 ROTATE 189'. WOB 28, GPM 590, RPM 80, DIFF 490, ROP 252 SURVEY @ 4762'. INC 0.18? @ AZ 224.36 ROTATE 189'. WOB 28, GPM 590, RPM 80, DIFF 490, ROP 378 SURVEY @ 4951'. INC 0.09? @ AZ 154.05 ROTATE 188'. WOB 25, GPM 590, RPM 80, DIFF 500, 400, ROP 251 SURVEY @ 5139'. INC 0.09? @ AZ 91.98 ROTATE 190'. WOB 25, GPM 590, RPM 80, DIFF 450, ROP 380 SURVEY @ 5329'. INC 0.26? @ AZ 317.17.  
 PU WT 163, SO WT 158, ROT WT 1161, SPR #1 40/360, #2 40/375  
 DIESEL ADDED 42 BBLS LAST 24 HRS.  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 9/25/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/25/2012** MD :7085 TVD :7083 PROGRESS : 2054 DAYS : 3 MW :8.2 VISC : 41  
 DAILY: DC: \$164,358 CC :\$0 TC : \$164,358 CUM : DC : \$741,386 CC : \$0 TC : \$741,386  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: SURVEY @ 7031'. INC 0.26? @ AZ 58.60

DAILY DETAILS : ROTATE 190'. WOB 28, GPM 590, RPM 80, DIFF 400, ROP 253.3 SURVEY @ 5519'. INC 0.62? @ AZ 289.49 ROTATE 187'. WOB 25, GPM 590, RPM 80, DIFF 400, ROP 187 SURVEY @ 5707'. INC 0.530186 @ AZ 289.49 ROTATE 189'. WOB 25, GPM 590, RPM 80, DIFF 390, ROP 252 SURVEY @ 5896'. INC 0.18? @ AZ 45.42 ROTATE 190'. WOB 25, GPM 590, RPM 80, DIFF 390, ROP 190 SURVEY @ 6085'. INC 0.35? @ AZ 69.59 ROTATE 189'. WOB 25, GPM 590, RPM 80, DIFF 370, ROP 252 SURVEY @ 6274'. INC 0.53? @ AZ 59.83 ROTATE 189'. WOB 28, GPM 590, RPM 80, DIFF 320, ROP 151.2 SURVEY @ 6463'. 0.5S INC @ 68.53 ROTATE 189'. WOB 30, GPM 590, RPM 80, DIFF 250, ROP 42 SERVICE RIG SURVEY @ 6652'. INC 0.39? @ AZ 60.63 CIRC PUMP TRIP SLUG TOH FOR BIT #2 PU BIT #3. 8 3/4" NOV DSH616D, S/N A154949 TIH WITH BIT #3 ROTATE 136'. WOB 25, GPM 600, RPM 80, DIFF 500, ROP 90.6 SURVEY @ 6842'. INC 0.35? @ AZ 60.03 ROTATE 243'. WOB 30, GPM 600, RPM 80, DIFF 550, ROP 324. SURVEY @ 7031'. INC 0.26? @ AZ 58.60.  
 PU WT 210, SO WT 200, ROT WT 205, SPR @ 6842'. #1=300PSI @ 40 SPM, #2 310 PSI @ 40 S;M  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 9/26/2012

WELL NAME : UNIVERSITY 09 #2808H

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OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV: 0	
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/26/2012** MD :7700 TVD :7636 PROGRESS : 615 DAYS :4 MW :8.2 VISC : 41  
 DAILY: DC: \$88,004 CC :\$0 TC : \$88,004 CUM : DC : \$829,390 CC : \$0 TC : \$829,390  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: SLIDE @ 7700'. WOB 30, GPM 500, TFO=0, DIFF 140.

DAILY DETAILS : ROTATE 190'. WOB 30, GPM 600, RPM 80, DIFF 500, ROP 190 SURVEY @ 7221'. INC 0.26? @ AZ 54.82 ROTATE 75'. WOB 30, GPM 600, RPM 80, DIFF 530, ROP 150 CIRC & PUMP TRIP SLUG TOH TO PU CURVE ASSEMBLY PU BHA #3 (CURVE ASSEMBLY. 8 3/4" HUGHES GX20M, 6 1/2" SDI MOTOR FIXED 2.25?, 7/8 LOBE, 3.0 STAGE, 0.28 RPG, 5.26 BTB, 34' BTG, 43' BTS. SURFACE TEST MOTOR & MWD. OK TIH WASH/REAM FROM 7320' TO 7350'. NO FILL SLIDE 65'. WOB 35, GPM 500, TFO 1M, DIFF 125, ROP 32.5 SURVEY @ 7372'. INC 3.43? @ A 1.91 SLIDE 31'. WOB 30, GPM 500, TFO 1M, DIFF 125, ROP 62 SURVEY @ 7403'. INC 7.65? @ AZ 259.62 ROTATE 5'. WOB 20, GPM 600, RPM 20, DIFF 100, ROP 20 SLIDE 27'. WOB 35, GPM 500, TFO 1M, DIFF 125, ROP 54 SURVEY @ 7435'. INC 11.96? @ AZ 4.11 ROTATE 5'. WOB 20, GPM 600, RPM 20, DIFF 100, ROP 20 SLIDE 26'. WOB 35, GPM 500, TFO 1M, DIFF 125, ROP 52 SURVEY @ 7466'. INC 15.65? @ AZ 6.74 ROTATE 5'. WOB 30, GPM 600, RPM 20, DIFF 100, ROP 20 SLIDE 27'. WOB 35, GPM 500, TFO 1M, DIFF 125, ROP 54 SURVEY @ 7498'. INC 19.35? @ AZ 8.85 ROTATE 10'. WOB 20, GPM 600, RPM 20, DIFF 10, ROP 20 SLIDE 22'. WOB 35, GPM 500, TFO 10L, DIFF 125, ROP 29.3 SURVEY @ 7530'. IN 22.60? @ AZ 10.96 ROTATE 20'. WOB 20, GPM 600, RPM 20, DIFF 100, ROP 40 SLIDE 12'. WOB 35, GPM 500, TFO 10L, ROP 16 SURVEY @ 7562'. INC 25.06? @ AZ 9.91 ROTATE 10'. WOB 20, GPM 600, RPM 20, DIFF 100, ROP 20 SLIDE 21'. WOB 30, GPM 500, TFO 0, DIFF 125, ROP 21 SURVEY @ 7593'. INC 27.70? @ AZ 9.38 ROTATE 5'. WOB 20, GPM 600, RPM 20, DIFF 100, RPM 10 SLIDE 27'. WOB 30, GPM 500, TFO 0, DIFF 140, ROP 27 SURVEY @ 7625'. INC 30.69? @ AZ 11.40 ROTATE 10'. WOB 20, GPM 600, RPM 20, DIFF 100, ROP 13.3 SLIDE 22'. WOB 30, GPM 500, TFO 0, DIFF 100, ROP 29.3.  
 PU WT 230, SO WT 220, 225.  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.



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REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/27/2012** MD :8165 TVD :7855 PROGRESS : 465 DAYS : 5 MW :8.2 VISC : 42  
 DAILY: DC: \$115,109 CC :\$0 TC : \$115,109 CUM : DC : \$944,499 CC : \$0 TC : \$944,499  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: TOH.

DAILY DETAILS : SURVEY @ 7657'. INC 33.77? @ AZ 12.02 SLIDE 31'. WOB 35, GPM 500, TFO 20L, DIFF 100, ROP 41.3 SURVEY @ 7657'. INC 36.58? @ AZ11.23 SLIDE 32'. WOB 35, GPM 500, TFO30L, DIFF 150, ROP 42.7 SURVEY @ 7720'. INC 40.54? @ AZ 7.97 SLIDE 32'. WOB 35, GPM 500, TFO HS, DIFF 150, ROP 42.7 SURVEY @ 7752'. INC 44.58? @ AZ 4.81 SLIDE 31'. WOB 35, GPM 500, TFO HS DIFF 150, ROP 31 SURVEY 7783'. INC 48.54? @ AZ 2.96 SLIDE 32'. WOB 40, GPM 500, TFO HS, DIFF 100, ROP 42.7 SURVEY @ 7815'. INC 52.94? @ AZ 3.58 SLIDE 32'. WOB 40, GPM 500, TFO HS, DIFF 100, ROP 32 SURVEY @ 7847'. INC 57.95? @ AZ 3.75 ROTATE 10'. WOB 25, GPM 600, RPM 20, DIFF 70, ROP 40 SLIDE 22'. WOB 40, GPM 500, TFO HS, DIFF 70, ROP 29.3 SURVEY @ 7879'. INC 62.43? @ AZ 4.99 ROTATE 10'. WOB 25, GPM 600, RPM 20, DIFF 80, ROP 40 SLIDE 21'. WOB 35, GPM 500, TFO HS, DIFF 150, ROP 21 SURVEY @ 7910'. INC 65.25? @ AZ 5.42 ROTATE 15'. WOB 20, GPM 600, RPM 20, DIFF 80, ROP 30 SLIDE 17'. WOB 35, GPM 500, TFO HS, DIFF 75, ROP 22.7 SURVEY @ 7942'. INC 68.06? @ AZ 5.78 ROTATE 15'. WOB 25, GPM 600, RPM 20, DIFF 100, ROP 30 SLIDE 16'. WOB 35, GPM 500, TFO HS, DIFF 125, ROP 32 SURVEY @ 7973'. INC 70.61? @ AZ 5.78 ROTATE 20'. WOB 20, GPM 600, RPM 20, DIFF 80, ROP 26.7 SLIDE 12'. WOB 35, GPM 500, TFO HS, DIFF 125, ROP 48 SURVEY @ 8005'. INC 72.98? @ AZ 6.22 ROTATE 15'. WOB 25, GPM 600, RPM 20, DIFF 80, ROP 30 SLIDE 17'. WOB 35, GPM 500, TFO HS, DIFF 125, ROP 22.7 SURVEY @ 8037'. INC 74.66? @ AZ 6.48 SLIDE 31'. WOB 50, GPM 500, TFO HS, DIFF 125, ROP 31 SURVEY @ 8086'. INC 76.85? @ AZ 6.48 SLIDE 32'. WOB 50, GPM 500, TFO HS, DIFF 125, ROP 21.3 SURVEY @ 8100'. INC 80.90? @ AZ 8.24 SLIDE 22'. WOB 50, GPM 500, TFO HS, DIFF 125, ROP 22 CIRC & PUMP 40 BBL HIVIS SWEEP AND CIRC OUT. SMALL INCREASE IN CUTTING WERE CIRCULATED OUT WITH SWEEP. PUMP TRIP SLUG. TOH TO PU CURVE ASSEMBLY.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 9/28/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	13.375	SHOE MD/TVD:	690 / 690
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/28/2012** MD :10233 TVD :7870 PROGRESS : 2068 DAYS : 6 MW :8.2 VISC : 43  
 DAILY: DC: \$64,376 CC :\$0 TC : \$64,376 CUM : DC : \$1,008,875 CC : \$0 TC : \$1,008,875  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: ROTATE, WOB 20, GPM 600, RPM 70, DIFF 400

DAILY DETAILS : CONTINUE TOH. PU LATERAL ASSEMBLY. 8 3/4" HUGES T606X, NOV PP 6 1/2",ADJ 1.83?, 7/8, 5.0, 0.28. SURFACE TEST MWD & MOTOR. OK REPAIR ST -80 TIH WITH BHA #3. WASH & REAM 300' TO BOTTOM WITH NO PROBLEMS ROTATE 47'. WOB 15, GPM 600, RPM 50, DIFF 450, ROP 188 SURVEY @ 8169'. INC 89.34? @ AZ 7.89 SLIDE 15'. WOB 20, GPM 600, TFO 90L, DIFF 350, ROP 60 ROTATE 17'. WOB 15, GPM 600, RPM 50, DIFF 450, ROP 68 SURVEY @ 8201'. INC 89.90? @ AZ 7.95 ROTATE 94'. WOB 188, GPM 600, RPM 70, DIFF 350, ROP 188 RIG SERVICE SURVEY @ 8295'. INC 89.96? @ AZ 5.25 SLIDE 20'. WOB 20, GPM 600, TFO 100L, DIFF 250, ROP 80 ROTATE 75'. WOB 20, GPM 600, RPM 70, DIFF 450, ROP 300 SURVEY @ 8390'. INC 89.34? @ AZ 2.26 ROTATE 95'. WOB 20, GPM 600, RPM 70, DIFF 350, ROP 126.7 SURVEY @ 8485'. INC 90.13? @ AZ 1.21 ROTATE 95'. WOB 20, GPM 600, RP 70, DIFF 425, ROP 380 SURVEY @ 8580'. INC 89.78? @ AZ 359.71 ROTATE 95'. WOB 20, GPM 600, RPM 70, DIFF 400, ROP 190 SURVEY @ 8675'. INC 89.78? @ AZ359.18 ROTATE 95'. WOB 20, GPM 600, RPM 70, DIFF 425, ROP 190 SURVEY @ 8764'. INC 89.78? @ AZ 359.45 ROTATE 94'. WOB 20, GPM 600, RPM 70, DIFF 425, ROP 376 SURVEY @ 8858'. INC 89.96? @ AZ 359.80 ROTATE 94'. WOB 20, GPM 500, RPM 70, DIFF 395, ROP 188 SURVEY @ 8952'. INC 89.69? @ AZ 358.83 ROTATE 95'. WOB 20, GPM 500, RPM 70, DIFF 390, ROP 380 SURVEY @ 9047'. INC 89.960186 @ AZ 359.36 ROTAE 95'. WOB 20, GPM 500, RPM 70, DIFF 390, ROP 380 SURVEY @ 9142'. INC 89.60? @ AZ 359.54 ROTATE 94'. WOB 20, GPM 500, RPM 70, DIFF 390, ROP 188 RIG REPAIR. ELECTRICIAN WORKING ON IBOP VALVE. SURVEY @ 9236'. INC 90.04? @ AZ 358.48 ROTATE 96'. WOB 20, GPM 600, RPM 70, DIFF 410, ROP 384 SURVEY @ 9332'. INC 89.52? @ AZ 358.04 ROTATE 94'. WOB 20, GPM 600, RPM 70, DIFF 400, ROP 188 SURVEY @ 9426'. INC 89.69? @ AZ 358.31 SLIDE 10'. WOB 30, GPM 600, TFO 90, DIFF 250, ROP 40 ROTATE 85'. WOB 25, GPM 600, RPM 70, DIFF 450, ROP 340 SURVEY @ 9521'. INC 89.78? @ AZ 357.43 SLIDE 15'. WOB 25, GPM 600, TFO 90R, DIFF 450, ROP 60 ROTATE 80, WOB 20, GPM 600, RPM 70, DIFF 450, ROP 160' SURVEY @ 9616'. INC 89.25? @ AZ 359.18 SLIDE 20, GPM 600, TFO 90R, DIFF 450, ROP 60 ROTATE 76'. WOB 20, GPM 600, RPM 70, DIFF 400, ROP 316 SURVEY @ 9710'. INC 89.87? @ 359.70 SLIDE 20'. WOB 25, GPM 600, TFO 90R, DIFF 250, ROP80 ROTATE 75'. WOB 25, GPM 600, RPM 70, DIFF 400, ROP 300 SURVEY @ 9805'. INC 89.25? @ AZ 1.21 ROTATE 95'. WOB 25, GPM 600, RPM 780, DIFF 400, ROP 380 SURVEY 2 9900'. INC 89.69? @ AZ 0.33 SLIDE 20'. WOB 25, GPM 600, TFO 90R, DIFF 500, ROP 80 ROTATE 75'. WOB 20, GPM 600, RPM 70, DIFF 400, ROP 150 SURVEY @ 9995'. INC 89.34? @ AZ 3.67 ROTATE 94'. WOB 25, GPM 600, RPM 70, DIFF 400, ROP 376 SURVEY @ 10089'. INC 90.22? @ AZ 6.92 SLIDE 16'. WOB 20, GPM 600, TFO 140L, DIFF 150, ROP 64 WORK ON WT INDICATOR. ROTATE 79'. WOB 20, GPM 600, RPM 70, DIFF 400, ROP 158.  
 PU WT 230, SO WT 170, ROT WT 223, SPR @ 10154'.  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.  
 LOST 77 BBLs MUD TO RESERVE DUE TO CUTTING RETENTION, AND SHAKER PROBLEMS.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/3/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. : 1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>	
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 09/29/2012** MD :11904 TVD :7880 PROGRESS : 1671 DAYS : 7 MW :8.5 VISC : 42  
 DAILY: DC: \$75,045 CC :\$0 TC : \$75,045 CUM : DC : \$1,083,920 CC : \$0 TC : \$1,083,920  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: WAIT ON TOP DRIVE.

DAILY DETAILS : SURVEY @ 10184'. INC 88.02? @ AZ 4.28 SLIDE 15'. WOB 35, GPM 600, TFO 90L, DIFF 250, ROP 140 ROTATE 60'. WOB 20, GPM 600, RPM 70, DIFF 450, ROP 240 SURVEY @ 10279'. INC 89.16? @ AZ 2.44 ROTATE 94'. WOB 20, GPM 600, RPM 70, DIFF 350, ROP 188 SURVEY @ 10373'. INC 90.48? @ AZ 1.03 ROTATE 96'. WOB 30, GPM 600, RPM 70, DIFF 350, ROP 128 SURVEY @ 10469'. INC 90.13? @ AZ 358.74 SLIDE 15'. WOB 35, GPM 600, TFO100R, DIFF 400, ROP 60 ROTATE 78'. WOB 30, GPM 600, RPM 70, DIFF 450, ROP 312 SURVEY @ 10562'. INC 90.04? @ AZ 2.96 ROTATE 94'. WOB 30, GPM 600, RPM 70, DIFF 450, ROP 376 SURVEY @ 10656'. INC 89.25? @ AZ 2.52 ROTATE 95'. WOB 30, GPM 600, RPM 70, DIFF 425, ROP 190 SURVEY @ 10751'. INC 89.69? @ AZ 2.00 ROTATE 94'. WOB 30, GPM 600, RPM 70, DIFF 450, ROP 188 SURVEY @ 10845'. INC 89.87? @ AZ 2.35 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 500, ROP 380 SURVEY @ 10940'. INC 89.69? @ AZ 2.79 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 500, ROP 380 SURVEY @ 11035'. INC 89.69? @ AZ 2.79 ROTATE 94'. WOB 25, GPM 600, RPM 70, DIFF 425, ROP 188 SURVEY @ 11129'. INC 89.87? @ AZ 2.52 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 450, ROP 380 SURVEY @ 11224'. INC 89.87? @ AZ 2.09 ROTATE 94'. WOB 35, GPM 600, RPM 70, DIFF 450, ROP 188 SURVEY @ 11318'. INC 89.25? @ AZ 0.59 ROTATE 94'. WOB 30, GPM 600, RPM 70, DIFF 450, ROP 376 SURVEY @ 11412'. INC 89.78? @ AZ 359.36 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 500, ROP 190 SURVEY @ 11507'. INC 89.52? @ AZ 359.10 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 350, ROP 190 SURVEY @ 11602'. INC 89.87? @ AZ 358.74 ROTATE 94'. WOB 25, GPM 600, RPM 70, DIFF 350, ROP 188 SURVEY @ 11696'. INC 89.60? @ AZ 358.92 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 350, ROP 380. SURVEY @ 11791'. INC 89.69? @ AZ 0.06 CIRC. TOP DRIVE WENT DOWN. ORDER REPLACEMENT TOP DRIVE. TOH TO REPLACE TO REPLACE TOP DRIVE. LAYDOWN MWD TOOL & SWITCH OUT MOTORS. (NO PHYSICAL DAMAGE TO MOTOR). UNDRESS TOP DRIVE AND PREPARE TO LAY IT DOWN ON CATWALK. WAIT ON REPLACEMENT TOP DRIVE.  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.

**REPORT DATE: 09/30/2012** MD :11904 TVD :7880 PROGRESS : 0 DAYS : 8 MW :8.2 VISC : 42  
 DAILY: DC: \$63,660 CC :\$0 TC : \$63,660 CUM : DC : \$1,147,580 CC : \$0 TC : \$1,147,580  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: CIRC OUT AIR.

DAILY DETAILS : WAIT ON REPLACEMENT TOP DRIVE CHANGE OUT TOP DRIVES ON CATWALK CHANGE OUT PARTS ON TOP DRIVE. PU TOPDRIVE. INSTALL SUBS, CLAMPS, BALES, ELEVATORS, KELLY HOSE, HOOK UP SERVICE LOOPS. ELECTRICIAN WORKED ON ELECTRICAL ISSUES IN TOPDRIVE & SCR HOUSE. FILL TOPDRIVE WITH HYDRAULIC FLUID AND GEAR OIL.. MAKE UP BIT #6 & MOTOR. HUGHES T606X, 6 3/4 NOV 1.83? ADJ, 7/8 LOBE, 5.0 STAGE, 0.28 RPG, 6.84 BTB, 40' BTG, 49' BTS. ATTEMPTED TO SURFACE TEST MWD/MOTOR. WASH PIPE BEGAN LEAKING. REPACK WASH PIPE. TIH. FILL PIPE EVERY 20 STDS. CIRC 3000 STROKES AT BOTTOM OF CURVE, NO FILL. CONTINUE TIH. WASH LAST 5 STANDS TO BOTTOM WITH NO FILL. CIRCULATE OUT AIR.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/3/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV :	0
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 10/01/2012** MD :14425 TVD :7890 PROGRESS : 2521 DAYS : 9 MW :8.5 VISC : 42  
 DAILY: DC: \$84,611 CC :\$0 TC : \$84,611 CUM : DC : \$1,232,191 CC : \$0 TC : \$1,232,191  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: ROTATE @ 14425', WOB 25, GPM 550, RPM 70, DIFF 520

DAILY DETAILS : WORK ON WT INDICATOR ROTATE 31'. WOB 25, GPM 600, RPM 70, DIFF 350, ROP 124 SURVEY @ 11886'. INC 59.60? @ AZ 0.15 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 400, ROP 380 SURVEY @ 11981'. INC 89.69? @ AZ 359.80 KROTATE 954'. WOB 25, GPM 600, RPM 70, DIFF 425, ROP 384 SURVEY @ 12171'. INC 89.69? @ AZ 1.12 ROTATE 94'. WOB 25, GPM 600, RPM 70, DIFF 450, ROP 188 SURVEY @ 12285'. INC 89.96? @ AZ 1.29 ROTATE 95'. WOB 25, GPM 600, RPM 70, DIFF 400, ROP 380 SURVEY @ 12360'. INC 89.52? @ AZ 0.59 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 550, ROP 190 SURVEY @ 12455'. INC 89.96? @ AZ 0.33 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 188 SURVEY @ 12549'. INC 89.52? @ AZ 0.50 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 425, ROP 190 SURVEY @ 12644'. INC 90.04? @ AZ 0.77 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 450, ROP 190 SURVEY @ 12739'. INC 89.60? @ 0.06 ROTATE 34'. WOB 25, GPM 550, RPM 70, DIFF 475, ROP 136 REPLACE GASKET ON VIBRATOR HOSE ROTATE 61'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 244 RIG SERVICE SURVEY @ 12834'. INC 89.96? @ AZ 0.15 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 450, ROP 376 SURVEY @ 12928'. INC 89.52? @ AZ 0.68 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 380 SURVEY @ 13023'. INC 90.22? @ AZ 0.33 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 188 SURVEY @ 13117'. INC 89.43? @ AZ 359.62 ROTATE 96'. WOB 25, GPM 550, RPM 70, DIFF 425, ROP 384 SURVEY @ 13213'. INC 89.96? @ AZ 359.86 SLIDE 15'. WOB 40, RPM 550, TFO 100R, DIFF 50, ROP 20 ROTATE 79'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 158 SURVEY @ 13307'. INC 89.26? @ AZ 1.17 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 126.7 SURVEY @ 13402'. INC 90.75? @ AZ 3.75 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 188 SURVEY @ 13496'. INC 89.08? @ AZ 358.83 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 380 SURVEY @ 13591'. INC 90.31? @ AZ 358.31 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 188 SURVEY @ 13685'. INC 89.25? @ AZ 356.55 SLIDE 20'. WOB 40, GPM 500, TFO 100R, DIFF 100, ROP 20 ROTATE 74'. WOB 25, GPM 550, DIFF 450, ROP 148 SURVEY @ 13779'. INC 89.65? @ AZ 358.92 SLIDE 20'. WOB 40, GPM 550, TFO 100R, DIFF 100, ROP 13.3 ROTATE 75'. WOB 25, GPM 550, RPM 70, DIFF 550, ROP 150 SURVEY @ 13874'. INC 89.52? @ AZ 359.54 SLIDE 10'. WOB 40, GPM 550, TFO 90R, DIFF 100, ROP 26.7 ROTATE 75'. WOB 25, GPM 550, RPM 70, DIFF 475, ROP 150 SURVEY @ 13969'. INC 90.13? @ AZ 1.13 SLIDE 10'. WOB 40, GPM 550, TFO 90R, DIFF 100, ROP 20 ROTATE 84'. WOB 25, GPM 550, RPM 70, DIFF 520, ROP 168 SURVEY @ 14063'. INC 90.04? @ AZ 2.17 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 500, ROP 380 SURVEY @ 14158'. INC 90.13? @ AZ 1.82 ROTATE 95'. WOB 25, GPM 550, RPM 70, DIFF 520, ROP 380 SURVEY @ 14253'. INC 90.04? @ AZ 0.85 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 520, ROP 188 SURVEY @ 14347'. INC 89.60? @ AZ 0.56 ROTATE 29'. WOB 25, GPM 550, RPM 70, DIFF 520, ROP 116.  
 PU WT 248, SO WT 190, ROT WT 208, BL RNDS 3.0  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS,

**REPORT DATE: 10/02/2012** MD :15552 TVD :7894 PROGRESS : 1127 DAYS : 10 MW :41.0 VISC : 8.6  
 DAILY: DC: \$132,604 CC :\$0 TC : \$132,604 CUM : DC : \$1,364,795 CC : \$0 TC : \$1,364,795  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: LAY DOWN DRILL PIPE.

DAILY DETAILS : ROTATE 66'. WOB 25, GPM 550, RPM 70, DIFF 475, ROP264 SURVEY @ 14442', INC 90.04? @ AZ 359.98 SLIDE 15'. WOB 40, GPM 600, TFO 100R, DIFF 100, ROP 15 ROTATE 80'. WOB 25, GPM 550, RPM 70, DIFF 490, ROP 160 SURVEY @ 14631'. INC 89.60? @ AZ 2.70 ROTATE 94'. WOB 25, GPM 550, RPM 70, DIFF 400, ROP 188 SURVEY @ 14631'. INC 89.69? @ AZ 2.96 ROTATE 86'. WOB 25, GPM 510, RPM 70, DIFF 400, ROP 192 SURVEY @ 14727'. INC 90.31? @ AZ 2.28 ROTATE 94'. WOB 25, GPM 510, RPM 70, DIFF 400, ROP 94 SURVEY @ 14821'. INC 89.52? @ AZ 1.38 ROTATE 95'. WOB 30, GPM 510, RPM 70, DIFF 400, ROP 126.7 SURVEY @ 15059'. INC 89.78? @ AZ 2.61 ROTATE 94'. WOB 30, GPM 510, RPM 70, DIFF 400, ROP 125.3 SURVEY @ 15010'. INC 89.87? @ AZ 2.70 ROTATE 100'. WOB 30, GPM 500, RPM 70, DIFF 400, ROP 133.3 SURVEY @ 15105'. INC 89.87? @ AZ 2.70 ROTATE 90'. WOB 30, GPM 500, RPM 70, DIFF 400, ROP 120 SURVEY @ 15200'. INC 89.87? @ AZ 2.70 ROTATE 94'. WOB 30, GPM 500, RPM 70, DIFF 400, ROP 94 RIG REPAIR. WORK ON WT INDICATOR SURVEY @ 15294'. IN 89.69 ? @ AZ 2.52 ROTATE 95'. WOB 30, GPM 500, RPM 70, DIFF 280, ROP 126.7 SURVEY @ 15389'. INC 89.87? @ AZ 1.65 ROTATE 114'. WOB 30, GPM 500, RPM 70, DIFF 500, ROP 456. SURVEY @ 15484'. INC 89.87 @ AZ1.03 CIRC & PUMP HI VIS SWEEPS. PUMP TRIP SLUG AND HOLD SAFETY MEETING. TOH LAYING DOWN DRILL PIPE.  
 LOST 240 BBLs FLUID OVER LAST 7 HRS OF DRLG AND CIRCULATING.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/3/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	RICK HOWE	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/22/2012	RIG RELEASE:		1ST SALES :	

**REPORT DATE: 10/03/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :11 MW :8.7 VISC : 43  
 DAILY: DC: \$446,276 CC :\$0 TC : \$446,276 CUM : DC : \$1,811,071 CC : \$0 TC : \$1,811,071  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: CIRC AIR OUT OF CASING

DAILY DETAILS : CONTINUE LAYING DOWN DRILL PIPE LD BIT, XO, MWD, NMDC, AND MOTOR. PULL WEAR BUSHING. RU CASING CREW,  
 CHANGE OUT BALES, TURN LD MACHINE AROUND.  
 HOLD SAFETY MEETING. PU AND RUN 370 JTS (15542') 5 1/2" HCP-110, 17#, LTC CSG ANS SET @ 15536'.  
 SHOE @ 15536', FC@15537', FLOATATION COLLAR @ 7919', MARKER JT @ 7191'.  
 PU WT ON CASING 125,000, SO WT 85,000. RIG DOWN CASING CREW & LD MACHINE. RU CEMENT HEAD. RUPTURE  
 DISC WITH 2530 PSI. DISPLACING AIR IN CASING.  
 FULL CREWS, SAFETY MEETINGS HELD, NO REPORTED ACCIDENTS.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/4/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	LONNIE BYRD	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

**REPORT DATE: 10/04/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :12 MW : VISC :  
 DAILY: DC: \$220,062 CC :\$0 TC : \$220,062 CUM : DC : \$2,031,133 CC : \$0 TC : \$2,031,133  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: WAIT ON DAYLIGHT. RIG RELEASED @ 01:00 10-4-12

DAILY DETAILS : VENT AIR IN CSG, DROP PLUG, SHEAR SLIDER SLEEVE, RUPTURE DISK IN PLUG, DISPLACE OBM CEMENT CSG W/  
 HALIBURTON AS FOLLOWS; HELD SAFETY MEETING W/ ALL HANDS TESTED LINES TO 7K, TESTED GOOD, PUMPED 20  
 BBLS F.W. SPACER, PUMPED 219 BBLS, ( 445 SKS) OF ECONOCHEM -H W/ 16.31 GAL/SK @ 11.5 PPG, 2.76 YIELD & 0.15%  
 SA-1015, 0.25 LBM D-AIR 5000, 0.7% HR-601. PUMPED 483 BBLS ( 2055 SKS) OF VERSACHEM-H, W/ 5.76 GAL/SK @ 14.4 PPG  
 & 1.32 YIELD, W/ 0.7% HALAD(R)23, 5 LBM MICROBOND, 0.1% WE-17, 5% KCL, 0.4% HR-601 & 0.3% CFR-3 W/O DEFOAMER.  
 DISPLACED W/ 10 BBLS OF SUGAR WATER & 351 BBLS OF FRESH WATER. BUMPED PLUG W/ 1450 PSI LIFT PRESSURE.  
 INCREASED TO 2000 PSI TO LOCK PLUG. INCREASED PRESSURE AND RUPTURED PLUG DISC W/ 5300 PSI, PUMPED 5  
 BBLS OF SUGAR WATER OUT. SHUT CMT HEAD VALVE W/ 1050 PSI ON CSG. WAIT ON CEMENT, RIG DOWN OBM MUD  
 SAVER PANS, CLEAN BOP STACK, REMOVE HYD, HOSES TO BOP. PREPARE TO AND ND BOP, OPEN CMT HEAD VALVE,  
 BLEED PRESSURE. WELL IS DORMANT. BEGIN CLEANING PITS & TRANSFERRING OBM TO FRAC HOLDING TANKS &  
 JETTING PITS. N/D BOP, REMOVE CMT HEAD, LIFT BOP & "B" SECTION, SET 13 3/8 X 5 1/2" CSG SLIPS. W/ 105K ON  
 SLIPS. ENERGISE SEALS & TEST W/ WATER. NO LEAKS SET BOP & "B" SECTION DOWN, BREAK BOP FROM "B" SECTION  
 & LIFT BOP, MAKE RUFF CUT ON CSG. SET BOP IN CRADLE, MAKE FINAL CUT ON CSG, INSTALL ISOLATION SEAL IN "B"  
 SECTION & TEST SEAL TO 5000 PSI F/ 15 MIN, TESTED GOOD. INSTALL TBG CAP & N/U ALL FLANGES. CONTINUE TO JET  
 & CLEAN PITS OF OBM & CUTTINGS WAIT ON DAYLIGHT. RIG RELEASED @ 01:00



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/5/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	DRIL
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	LONNIE BYRD	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV: 0	
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

**REPORT DATE: 10/05/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :13 MW : VISC :  
 DAILY: DC: \$268,363 CC :\$0 TC : \$268,363 CUM : DC : \$2,299,496 CC : \$0 TC : \$2,299,496  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: WAIT ON DAYLIGHT

DAILY DETAILS : WAIT ON DAYLIGHT HOLD SAFETY MEETING W/ CREWS RIG DOWN DERRICK, LD TOP DRIVE & HOSES, BRIDLE UP, R/D FLOOR PLATES, & SERVICE LOOPS, CONTINUE TO JET & CLEAN PITS OF OBM CUTTINGS & RESIDUE, CHANGE LINERS IN PUMPS AFTER JETING PITS, KNOCK DOWN BACK YARD, LAY DERRICK OVER @ 12:30, UNDRESS DERRICK, R/D GEN SETS, WATER TANKS & DIESEL TANK, STRING DOWN, R/D ACCUMULATOR, MAKE READY FOR MOVING TRUCKS, CLEAN ON SUB. WAIT ON DAYLIGHT



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/8/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/SATNER/BARBER	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

**REPORT DATE: 10/08/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :14 MW : VISC :  
 DAILY: DC: \$0 CC :\$8,855 TC : \$8,855 CUM : DC : \$2,299,496 CC : \$8,855 TC : \$2,308,351  
 FORMATION: PBDT : 0 PERF : PKR.DPTH: 0  
 ACTIVITY AT REPORT TIME: WELL SHUT IN AND SECURED

DAILY DETAILS : RU API. RUN CBL/GR/CCL LOG. SHUT WELL IN AND SECURE WELL.  
 TOC @ 4650'.  
 CURRENT ACTIVITY: WELL SHUT IN AND SECURED.

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# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 10/22/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	FORD/WADE	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

**REPORT DATE: 10/21/2012** MD :15552 TVD :7894 PROGRESS : DAYS :15 MW : VISC :  
 DAILY: DC: \$0 CC :\$94,435 TC : \$94,435 CUM : DC : \$2,299,496 CC : \$103,290 TC : \$2,402,786  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 ACTIVITY AT REPORT TIME: WAIT ON FRAC DATE

DAILY DETAILS : CUDD PERFORMED INJECTION TEST.  
 INJECT 100 BBLS OF TREATED WATER.  
 10.1 BPM @ 4817 PSI.  
 ISIP 3100 PSI





# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/15/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	THOMPSON/CABELLOS/DAVIS	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Perf Cluster #1 15,244'  
 Break Down 2,110 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 15,047' to 15,244'  
 POOH with wireline left remaining acid across perfs, All guns confirmed fired  
 Put acid away!!

Secure well. No incidents or accidents reported.UPPS will repair and  
 maintain equipment.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012      WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415      CWC : \$3,924,900
REPORTED BY:	THOMPSON/CABELLOS/DAVIS	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV: 0	
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

**REPORT DATE: 11/17/2012**    MD :15552    TVD :7894    PROGRESS : 0    DAYS :18    MW :    VISC :

DAILY: DC: \$0    CC :\$410,387    TC : \$410,387    CUM : DC : \$2,299,496    CC : \$1,003,529    TC : \$3,303,025

FORMATION:    PBDT : 0    PERF :    PKR.DPTH:

CONTRACTOR :    API WIRELINE    GUN TYPE :    HSC    OD : 3.125

TOP DEPTH	BOTTOM DEPTH	DENSITY	PHASE
13797	13798	8	60
13847	13848	8	60
13892	13893	8	60
13949	13950	8	60
13997	13998	8	60

ACTIVITY AT REPORT TIME:    FRAC

DAILY DETAILS : SAFETY MEETING Held with all personal on Location. Trip test performed, rupture disk at 9500 Stage #      6

Total Perfs 40  
 # Open 28.0  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65      # of Open Perforations  
 Fluid Density 8.35 ppg      28.0  
 Casing ID 4.892 in.  
 Depth 1st Perf 14047 ft  
 AVG TVD 7880 ft

ISIP	3220	psi		Calculated	Calculated
Step			Pipe Fric	Total Fric	Perf Fric    NWF
1	51.7	7,839	3,487	4,619	765    367
2	42.8	6,665	2,477	3,445	524    444
3	33.8	5,588	1,623	2,368	327    418
4	19.1	4,285	593	1,065	104    367

367 DOWN TIME: WATER TRANSFER. Water transfer supply line came above surface they were unable to maintain Tank levels. Didnt notify any one till all tanks were below 3 Feet. Stage #6 Frac

14,047' to 14,247'  
 Max Psi 6,833    Max Rate 81.6    Avg Psi 6,130    Avg Rate 80.3  
 Total Clean Fluid 9,778    Production Water 0    0.0%    Of Total Clean  
 Total Proppant 528,360    Max Prop Con. 3.00  
 ISIP 2781    Frac Gradient 0.79      Stage #7 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down:    Max Rate 15.0    Max Psi 4,350  
 Spot Acid Bbls. 48    Pump Down Fluid 337  
 Set Plug @ 14,017'    Test Plug to 4,526    Psi  
 Perf Cluster #1 13,997'  
 Break Down 4,144    Psi    Pump 12 bbls acid into cluster #1  
 Perforated Interval 13,797' to 13,997'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 7

Total Perfs 40  
 # Open 28.9  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65      # of Open Perforations  
 Fluid Density 8.35 ppg      28.9  
 Casing ID 4.892 in.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	THOMPSON/CABELLOS/DAVIS	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Depth 1st Perf 13997 ft  
AVG TVD 7880 ft

ISIP	3300	psi		Calculated	Calculated
Step			Pipe Fric	Total Fric	Perf Fric NWF
1	48	7,110	3,036	3,810	621 153
2	40.2	6,590	2,205	3,290	435 650
3	25.5	4,815	983	1,515	175 357
4	8.7	3,610	136	310	20 153
Stage #7 Frac					
13,797'	to	13,997'			
Max Psi	7,184	Max Rate	81.5	Avg Psi	6,291 Avg Rate 79.8
Total Clean Fluid			8,328	Production Water	0 0.0% Of Total Clean
Total Proppant			529,140	Max Prop Con.	3.00
ISIP	2667	Frac Gradient	0.77		Stage #8 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 3,615  
Spot Acid Bbls. 48 Pump Down Fluid 352  
Set Plug @ 13,762' Test Plug to 4,526 \Psi  
Perf Cluster #1 13,742'  
Break Down 4,172 Psi Pump 12 bbls acid into cluster #1  
Perforated Interval 13,550' to 13,742'  
POOH with wireline left remaining acid across perfs, All guns confirmed Fired

## Stage # 8

Total Perfs 40  
# Open 28.9  
Perf Diameter 0.38 in.  
Disch. Coeff. 0.65 # of Open Perforations  
Fluid Density 8.35 ppg 28.9  
Casing ID 4.892 in.  
Depth 1st Perf 13550 ft  
AVG TVD 7880 ft

ISIP	3043	psi		Calculated	Calculated
Step			Pipe Fric	Total Fric	Perf Fric NWF
1	51.3	7,684	3,316	4,641	709 615
2	39.3	6,043	2,050	3,000	416 534
3	29.7	5,072	1,245	2,029	238 546
4	18	4,261	515	1,218	87 615
Stage #8 Frac					
13,550'	to	13,742'			
Max Psi	7,848	Max Rate	81.8	Avg Psi	5,843 Avg Rate 80.5
Total Clean Fluid			8,331	Production Water	0 0.0% Of Total Clean
Total Proppant			528,520	Max Prop Con.	3.00
ISIP	2702	Frac Gradient	0.78		

DOWN TIME: WIRELINE COMPANY Top

three shots didn't shoot, found bad switch between 2nd and 3rd. Gun. (DT 1:45 MIN.) Stage #9 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.1 Max Psi 3,741  
Spot Acid Bbls. 96 Pump Down Fluid 786  
Set Plug @ 13,517' Test Plug to 4,505 Psi  
Perf Cluster #1 13,492'  
Break Down 4,063 Psi Pump 12 bbls acid into cluster #1



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012      WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b> UNIVERSITY 09 #2808H	<b>EVENT NO. :</b> 1	<b>DIVISION :</b> MIDLAND	
<b>OPERATOR :</b> EOG RESOURCES, INC	<b>WELL TYPE :</b> DEVO	<b>WELL CLASS :</b> COMP	
<b>FIELD :</b> LIN (WOLFCAMP)	<b>DISTRICT :</b> MIDLAND	<b>PLAN MD/TVD :</b> 15,665 / 7,860	
<b>COUNTY,ST. :</b> REAGAN , TX	<b>API # :</b> 42-383-37828	<b>TAX/CREDIT :</b>	
<b>PROPERTY # :</b> 071608	<b>WI % :</b> 100	<b>NRI % :</b> 75	
<b>AFE# :</b> 105200	<b>AFE TOTAL :</b> \$6,079,315	<b>DHC :</b> \$2,154,415	<b>CWC :</b> \$3,924,900
<b>REPORTED BY:</b> THOMPSON/CABELLOS/DAVIS	<b>LAST CSG :</b> 5.500	<b>SHOE MD/TVD:</b> 15,542 / 7,890	
<b>RIG CONTR. :</b> CACTUS	<b>RIG NAME :</b> 103	<b>WATER DEPTH:</b>	
<b>LOCATION :</b> 2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY		<b>KB ELEV :</b> 0	<b>GL ELEV:</b> 0
<b>SPUD DATE :</b> 9/23/2012	<b>RIG RELEASE:</b> 10/4/2012	<b>1ST SALES :</b>	

Perforated Interval 13,297' to 13,492'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 9

Total Perfs 40  
 # Open 28.9  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 28.9  
 Casing ID 4.892 in.  
 Depth 1st Perf 13297 ft  
 AVG TVD 7880 ft

ISIP	3211	psi	Calculated	Calculated	
Step		Pipe Fric	Total Fric	Perf Fric	NWF
1	40	6,981	2,076	3,770	431 1,263
2	35	6,479	1,635	3,268	330 1,303
3	31.1	5,782	1,326	2,571	261 985
4	15	4,900	366	1,689	61 1,263

Stage #9 Frac  
 13,297' to 13,492'  
 Max Psi 7,724 Max Rate 79.8 Avg Psi 6,570 Avg Rate 76.4  
 Total Clean Fluid 8,806 Production Water 0 0.0% Of Total Clean  
 Total Proppant 527,048 Max Prop Con. 3.00  
 ISIP 2750 Frac Gradient 0.78

**Stage #10 Perforating**

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.1 Max Psi 4,622  
 Spot Acid Bbls. 48 Pump Down Fluid 508  
 Set Plug @ 13,267' Test Plug to 4,512 Psi  
 Perf Cluster #1 13,247'  
 Break Down 4,041 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 13,047' to 13,247'

POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Put acid away!! Secure well No incidents or accidents reported.UPPS will  
 repair and maintain equipment.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012 WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b> UNIVERSITY 09 #2808H	<b>EVENT NO. :</b> 1	<b>DIVISION :</b> MIDLAND
OPERATOR : EOG RESOURCES, INC	WELL TYPE : DEVO	WELL CLASS : COMP
FIELD : LIN (WOLFCAMP)	DISTRICT : MIDLAND	PLAN MD/TVD : 15,665 / 7,860
COUNTY,ST. : REAGAN , TX	API # : 42-383-37828	TAX/CREDIT :
PROPERTY # : 071608	WI % : 100	NRI % : 75
AFE# : 105200	AFE TOTAL : \$6,079,315	DHC : \$2,154,415 CWC : \$3,924,900
REPORTED BY: THOMPSON/CABELLOS/DAVIS	LAST CSG : 5.500	SHOE MD/TVD: 15,542 / 7,890
RIG CONTR. : CACTUS	RIG NAME : 103	WATER DEPTH:
LOCATION : 2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY		KB ELEV : 0 GL ELEV: 0
SPUD DATE : 9/23/2012	RIG RELEASE: 10/4/2012	1ST SALES :

**REPORT DATE: 11/18/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :19 MW : VISC :  
 DAILY: DC: \$0 CC :\$227,218 TC : \$227,218 CUM : DC : \$2,299,496 CC : \$1,230,747 TC : \$3,530,243  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 CONTRACTOR : API WIRELINE GUN TYPE : HSC OD : 3.125

TOP DEPTH	BOTTOM DEPTH	DENSITY	PHASE
12797	12798	8	60
12847	12848	8	60
12897	12898	8	60
12947	12948	8	60
12997	12998	8	60

ACTIVITY AT REPORT TIME: FRAC

DAILY DETAILS : Safety Meeting with all personal on location, Perform stap Test. Rupture disk @ 9400psi Stage # 10

Total Perfs 40  
 # Open 28.6  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 28.6  
 Casing ID 4.892 in.  
 Depth 1st Perf 13047 ft  
 AVG TVD 7880 ft

ISIP	3185	psi		Calculated	Calculated	
Step			Pipe Fric	Total Fric	Perf Fric	NWF
1	45.3	7,185	2,549	4,000	564	887
2	28.2	5,459	1,094	2,274	219	961
3	22.1	4,903	712	1,718	134	871
4	17	4,600	449	1,415	79	887

887 DOWN TIME: FRAC/ACID/COMPANY ( 3o min into the frac lost 3 Pumps. ) 1 Pump down at the start of the job due to bad starter) Total of 4 pumps down whithen 30Min of the job. Stage #10 Frac

13,047' to 13,247'  
 Max Psi 7,090 Max Rate 82.4 Avg Psi 6,272 Avg Rate 78.8  
 Total Clean Fluid 9,348 Production Water 0 0.0% Of Total Clean  
 Total Proppant 531,400 Max Prop Con. 3.00  
 ISIP 2682 Frac Gradient 0.77 Stage #11 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 4,134  
 Spot Acid Bbls. 48 Pump Down Fluid 336  
 Set Plug @ 13,017' Test Plug to 4,508 Psi  
 Perf Cluster #1 12,997'  
 Break Down 4,470 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 12,797' to 12,997'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 11

Total Perfs 40  
 # Open 28.5  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 28.5  
 Casing ID 4.892 in.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	THOMPSON/CABELLOS/DAVIS	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Depth 1st Perf 12797 ft  
AVG TVD 7880 ft

ISIP	3155	psi		Calculated	Calculated
Step			Pipe Fric	Total Fric	Perf Fric NWF
1	48.1	6,947	2,786	3,792	640 366
2	37	5,766	1,738	2,611	379 495
3	22	4,338	693	1,183	134 356
4	12	3,795	234	640	40 366
Stage #11 Frac					
12,797' to 12,997'					
Max Psi	7,589	Max Rate	83.6	Avg Psi	5,841 Avg Rate 81.8
Total Clean Fluid			8,436	Production Water	0 0.0% Of Total Clean
Total Proppant			530,700	Max Prop Con.	3.00
ISIP	2722	Frac Gradient	0.78		

Stage #12 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.8 Max Psi 3,624  
 Spot Acid Bbls. 48 Pump Down Fluid 330  
 Set Plug @ 12,767' Test Plug to 4,501 Psi  
 Perf Cluster #1 12,747'  
 Break Down 4,361 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 12,547' to 12,747'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 12

Total Perfs 40  
 # Open 28.0  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 28.0  
 Casing ID 4.892 in.  
 Depth 1st Perf 12547 ft  
 AVG TVD 7880 ft

ISIP	3159	psi		Calculated	Calculated
Step			Pipe Fric	Total Fric	Perf Fric NWF
1	49.9	7,242	2,920	4,083	711 451
2	33.5	5,373	1,427	2,214	321 466
3	24.9	4,668	845	1,509	177 487
4	15.6	4,050	370	891	70 451

Started pumping Frac, we had started 1.00# 100 Mesh sand and fixing to go to 1.5# when the blender road-side discharge pump started leaking at flange. Flushed and over flushed well. UPPS determined that the problem was not fixable on location. Will get another blender from South Texas and be ready to pump on monday A.M. 11-19-12 . Secure well. No incidents or accidents reported. UPPS will repair and maintain equipment.

<b>REPORT DATE:</b>	<b>11/19/2012</b>	MD :15552	TVD :7894	PROGRESS : 0	DAYS :20	MW :	VISC :
DAILY: DC:	\$0	CC :\$11,715	TC : \$11,715	CUM : DC :	\$2,299,496	CC : \$1,242,462	TC : \$3,541,958
FORMATION:				PBTD :	0	PERF :	PKR.DPTH:
ACTIVITY AT REPORT TIME:	NO ACTIVITY						

DAILY DETAILS : NO ACTIVITY, Well shut in an secured for the weekend. No injuries or Accidents to report. Will assume operations 11/19/12 06:00





# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. : 1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>	
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	THOMPSON/CABELLOS/DAVIS	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Total Perfs 40  
 # Open 28.4  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 28.4  
 Casing ID 4.892 in.  
 Depth 1st Perf 12292 ft  
 AVG TVD 7880 ft

ISIP	3230	psi		Calculated	Calculated		
Step			Pipe Fric	Total Fric	Perf Fric	NWF	
1	56.4	7,965	3,577	4,735	884	275	
2	46.4	6,531	2,507	3,301	598	195	
3	29.7	4,752	1,129	1,522	245	147	
4	15.1	3,910	342	680	63	275	
Stage #13 Frac							
12,292'	to	12,497'					
Max Psi	6,871	Max Rate	81.8	Avg Psi	5,839	Avg Rate	79.2
Total Clean Fluid			10,029	Production Water	0	0.0%	Of Total Clean
Total Proppant			528,340	Max Prop Con.	3.00		
ISIP	2656	Frac Gradient	0.77				Stage #14 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 4,092  
 Spot Acid Bbls. 48 Pump Down Fluid 329  
 Set Plug @ 12,267' Test Plug to 4,546 Psi  
 Perf Cluster #1 12,247'  
 Break Down 4,061 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 12,047' to 12,247'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 14

Total Perfs 40  
 # Open 29.1  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 29.1  
 Casing ID 4.892 in.  
 Depth 1st Perf 12047 ft  
 AVG TVD 7880 ft

ISIP	3380	psi		Calculated	Calculated		
Step			Pipe Fric	Total Fric	Perf Fric	NWF	
1	50.4	6,852	2,855	3,472	675	-58	
2	41.1	5,830	1,975	2,450	449	26	
3	34.2	5,172	1,422	1,792	311	60	
4	20.5	4,010	576	630	112	-58	
Stage #14 Frac							
12,047'	to	12,247'					
Max Psi	7,234	Max Rate	82.3	Avg Psi	5,969	Avg Rate	77.8
Total Clean Fluid			8,508	Production Water	0	0.0%	Of Total Clean
Total Proppant			533,520	Max Prop Con.	3.00		
ISIP	2905	Frac Grad.	0.80				Stage #15 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 4,793  
 Spot Acid Bbls. 48 Pump Down Fluid 326



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012      WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b> UNIVERSITY 09 #2808H	<b>EVENT NO. :</b> 1	<b>DIVISION :</b> MIDLAND
<b>OPERATOR :</b> EOG RESOURCES, INC	<b>WELL TYPE :</b> DEVO	<b>WELL CLASS :</b> COMP
<b>FIELD :</b> LIN (WOLFCAMP)	<b>DISTRICT :</b> MIDLAND	<b>PLAN MD/TVD :</b> 15,665 / 7,860
<b>COUNTY,ST. :</b> REAGAN , TX	<b>API # :</b> 42-383-37828	<b>TAX/CREDIT :</b>
<b>PROPERTY # :</b> 071608	<b>WI % :</b> 100	<b>NRI % :</b> 75
<b>AFE# :</b> 105200	<b>AFE TOTAL :</b> \$6,079,315	<b>DHC :</b> \$2,154,415 <b>CWC :</b> \$3,924,900
<b>REPORTED BY:</b> THOMPSON/CABELLOS/DAVIS	<b>LAST CSG :</b> 5.500	<b>SHOE MD/TVD:</b> 15,542 / 7,890
<b>RIG CONTR. :</b> CACTUS	<b>RIG NAME :</b> 103	<b>WATER DEPTH:</b>
<b>LOCATION :</b> 2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY		<b>KB ELEV :</b> 0 <b>GL ELEV:</b> 0
<b>SPUD DATE :</b> 9/23/2012	<b>RIG RELEASE:</b> 10/4/2012	<b>1ST SALES :</b>

Set Plug @ 12,017' Test Plug to 4,586 Psi  
 Perf Cluster #1 11,991'  
 Break Down 4,380 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 11,797' to 11,991'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 15

Total Perfs 40  
 # Open 29.0  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 29.0  
 Casing ID 4.892 in.  
 Depth 1st Perf 11797 ft  
 AVG TVD 7880 ft

ISIP	3222	psi		Calculated	Calculated		
Step			Pipe Fric	Total Fric	Perf Fric	NWF	
1	50.9	7,040	2,847	3,818	694	278	
2	40	5,778	1,842	2,556	428	286	
3	26.6	4,661	892	1,439	189	357	
4	14	3,839	287	617	52	278	
Stage #15 Frac							
	11,797'	to	11,991'				
Max Psi	7,122	Max Rate	80.9	Avg Psi	5,770	Avg Rate	76.5
Total Clean Fluid			8,528	Production Water	0	0.0%	Of Total Clean
Total Proppant			532,080	Max Prop Con.	3.00		
ISIP	3043	Frac Grad.		0.82			Stage #16 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 4,680  
 Spot Acid Bbls. 48 Pump Down Fluid 471  
 Set Plug @ 11,767' Test Plug to 4,545 Psi  
 Perf Cluster #1 11,747'  
 Break Down 4,407 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 11,547' to 11,747'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

PUT ACID AWAY. WSI & Secured no injuys or accidents to report. UPPS Perform maint.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012      WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b> UNIVERSITY 09 #2808H		<b>EVENT NO. :</b> 1		<b>DIVISION :</b> MIDLAND	
OPERATOR : EOG RESOURCES, INC		WELL TYPE : DEVO		WELL CLASS : COMP	
FIELD : LIN (WOLFCAMP)		DISTRICT : MIDLAND		PLAN MD/TVD : 15,665 / 7,860	
COUNTY,ST. : REAGAN , TX		API # : 42-383-37828		TAX/CREDIT :	
PROPERTY # : 071608		WI % : 100		NRI % : 75	
AFE# : 105200		AFE TOTAL : \$6,079,315		DHC : \$2,154,415      CWC : \$3,924,900	
REPORTED BY:ROCHELL/BARBER/STEWART		LAST CSG : 5.500		SHOE MD/TVD: 15,542 / 7,890	
RIG CONTR. : CACTUS		RIG NAME : 103		WATER DEPTH:	
LOCATION : 2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY		KB ELEV : 0		GL ELEV: 0	
SPUD DATE : 9/23/2012		RIG RELEASE: 10/4/2012		1ST SALES :	

**REPORT DATE: 11/21/2012**    MD :15552    TVD :7894    PROGRESS : 0    DAYS :22    MW :    VISC :

DAILY: DC: \$0    CC :\$325,399    TC : \$325,399    CUM : DC : \$2,299,496    CC : \$1,971,963    TC : \$4,271,459

FORMATION:    PBDT : 0    PERF :    PKR.DPTH:

CONTRACTOR : API WIRELINE    GUN TYPE : HSC    OD : 3.125

TOP DEPTH	BOTTOM DEPTH	DENSITY	PHASE
10947	10948	6	60
10997	10998	6	60
11297	11298	6	60
11347	11348	6	60
11395	11396	6	60

ACTIVITY AT REPORT TIME:    FRAC

DAILY DETAILS : Hold Safety Meeting, test lines. DOWN TIME: WELLHEAD/ BOP COMPANY. Crown Valve (#3) leaking, flush numerous times. Stage #16 Frac

11,547' to 11,747'  
 Max Psi 6,330    Max Rate 81.7    Avg Psi 5,627    Avg Rate 80.6  
 Total Clean Fluid 8,267    Production Water 0    0.0%    Of Total Clean  
 Total Proppant 529,040    Max Prop Con. 3.00  
 ISIP 2648    Frac Grad. 0.77    Stage #17 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down:    Max Rate 15.4    Max Psi 2,554  
 Spot Acid Bbls. 48    Pump Down Fluid 311  
 Set Plug @ 11,517'    Test Plug to 4,473    Psi  
 Perf Cluster #1 11,507'  
 Break Down 2,070    Psi    Pump 12 bbls acid into cluster #1  
 Perforated Interval 11,297' to 11,507'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

Shorty tool didn't completely stroke causing pins not to shear and get stuck on plug after setting CFP. Positive psi test, tools still remained stuck. Shot first set of perfs, tool still didn't release. Held 2500 lb/tension on wireline surged well and tool let free, allowing wireline to shoot remaining perfs. Grease #3 and #2 Valve on WH. PSI test against #2 Valve and establish #3 Valve is still leaking. Pull WL BOP, put night cap on. PSI test against it night cap flange had to be tightened. Stage # 17

Total Perfs 40  
 # Open 30.5  
 Perf Diameter 0.38    in.  
 Disch. Coeff. 0.65    # of Open Perforations  
 Fluid Density 8.35    ppg    30.5  
 Casing ID 4.892    in.  
 Depth 1st Perf 11297    ft  
 AVG TVD 7880    ft

ISIP	psi	Calculated	Calculated
Step		Pipe Fric	Total Fric
1	54.1	7,250	3,046
2	43.9	6,217	2,085
3	34.7	5,240	1,368
4	18.3	4,020	442
		902	81
		379	379
		466	548
		291	463
		81	379
Stage #17 Frac			
11,297' to	11,507'		
Max Psi	7,104	Max Rate	82.3
Total Clean Fluid		Avg Psi	5,607
		Avg Rate	80.4
		Production Water	0
			0.0%
			Of Total Clean



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/21/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Total Proppant 531,951 Max Prop Con. 3.00  
 ISIP 2665 Frac Grad. 0.77 Change out #3 crown valve prior to performing  
 wireline work for stage #18 Stage #18 Perforating  
 Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.1 Max Psi 4,840  
 Spot Acid Bbls. 48 Pump Down Fluid 309  
 Set Plug @ 11,267' Test Plug to 4,497 Psi  
 Perf Cluster #1 11,247'  
 Break Down 4,424 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 11,047' to 11,247'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 18

Total Perfs 40  
 # Open 31.2  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 31.2  
 Casing ID 4.892 in.  
 Depth 1st Perf 11047 ft  
 AVG TVD 7880 ft

ISIP	3135	psi		Calculated	Calculated	
Step			Pipe Fric	Total Fric	Perf Fric	NWF
1	54	7,134	3,036	3,999	673	290
2	40.7	5,807	1,820	2,672	382	470
3	29.4	4,786	1,020	1,651	199	432
4	15	3,788	311	653	52	290
Stage #18 Frac						
11,047' to		11,247'				
Max Psi	7,407	Max Rate	81.1	Avg Psi	5,910	Avg Rate 80.2
Total Clean Fluid			8,396	Production Water	0	0.0%
Total Proppant			530,760	Max Prop Con.	3.00	Of Total Clean
ISIP	2928	Frac Grad.	0.80			Stage #19 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP  
 Set Plug @ 11,017' and shot 1st Cluster @ 10,997' Remaining clusters failed to fire POOH with wireline. Guns failed to fire  
 due to bad primer cord replaced primer cord and RIH Stage #19 Perforating Continued

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.2 Max Psi 4,425  
 Spot Acid Bbls. 96 Pump Down Fluid 686  
 Set Plug @ 11,017' Test Plug to 4,517 Psi  
 Perf Cluster #1 10,997'  
 Break Down 4,189 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 10,797' to 10,997'

POOH with wireline pump remaining acid into perfs, All guns confirmed Fired  
 Well & Secured for night no injurys or accidents to report. UPPS to repair and maintain equipment



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/26/2012 WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

**REPORT DATE: 11/22/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :23 MW : VISC :  
 DAILY: DC: \$0 CC :\$288,515 TC : \$288,515 CUM : DC : \$2,299,496 CC : \$2,260,478 TC : \$4,559,974  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 CONTRACTOR : API WIRELINE GUN TYPE : HSC OD : 3.125

TOP DEPTH	BOTTOM DEPTH	DENSITY	PHASE
10547	10548	6	60
10597	10598	6	60
10643	10644	6	60
10697	10698	6	60
10747	10748	6	60

ACTIVITY AT REPORT TIME: FRAC

DAILY DETAILS : Hold Safety Meeting, Test lines to 7755psi. Stage #19 Frac  
 10,797' to 10,997'  
 Max Psi 6,517 Max Rate 81.0 Avg Psi 5,477 Avg Rate 80.7  
 Total Clean Fluid 8,726 Production Water 0 0.0% Of Total Clean  
 Total Proppant 531,180 Max Prop Con. 3.00  
 ISIP 3000 Frac Grad. 0.81  
 Stage # 19

Total Perfs 40  
 # Open 29.5  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 29.5  
 Casing ID 4.892 in.  
 Depth 1st Perf 10797 ft  
 AVG TVD 7880 ft

ISIP	3135	psi	Pipe Fric	Total Fric	Perf Fric	NWF	Calculated	Calculated
Step								
1	55	7,240	3,000	4,105	783	322		
2	40	5,871	1,686	2,736	414	636		
3	25	4,531	732	1,396	162	502		
4	12	3,692	198	557	37	322	Stage #20 Perforating	

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.3 Max Psi 5,042  
 Spot Acid Bbls. 48 Pump Down Fluid 290  
 Set Plug @ 10,767' Test Plug to 4,484 Psi  
 Perf Cluster #1 10,747'  
 Break Down 4,980 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 10,547' to 10,747'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

API 121 Stage #20 Frac  
 10,547' to 10,747'  
 Max Psi 6,832 Max Rate 81.0 Avg Psi 5,360 Avg Rate 77.9  
 Total Clean Fluid 8,154 Production Water 0 0.0% Of Total Clean  
 Total Proppant 527,571 Max Prop Con. 3.00  
 ISIP 2777 Frac Grad. 0.79  
 Stage # 20

Total Perfs 40



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/26/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

# Open	31.6		
Perf Diameter	0.38	in.	
Disch. Coeff.	0.65		# of Open Perforations
Fluid Density	8.35	ppg	31.6
Casing ID	4.892	in.	
Depth 1st Perf	10547	ft	
AVG TVD	7880	ft	

ISIP	3092	psi		Calculated	Calculated	
Step			Pipe Fric	Total Fric	Perf Fric	NWF
1	56.3	7,219	3,059	4,127	712	356
2	45	6,306	2,036	3,214	455	724
3	36	4,876	1,364	1,784	291	129
4	20.8	4,063	518	971	97	356 Stage #21 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down:	Max Rate 15.1	Max Psi	4,349
Spot Acid Bbls.	72	Pump Down Fluid	430
Set Plug @	10,505'	Test Plug to	4,488 Psi
Perf Cluster #1	10,485'		
Break Down	4,301	Psi	Pump
Perforated Interval	10,297'	to	10,485'

POOH with wireline pumped remaining acid through perfs, All guns confirmed Fired

API 121 Pumped Remaining Acid into perfs. Well Shut in For Weekend/Resume operations Monday November 26th, 2012. Shut down for Thanksgiving Holiday. Reports for holidays and weekends will be sent Monday November 26th, 2012.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/27/2012 WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b> UNIVERSITY 09 #2808H	<b>EVENT NO. :</b> 1	<b>DIVISION :</b> MIDLAND
OPERATOR : EOG RESOURCES, INC	WELL TYPE : DEVO	WELL CLASS : COMP
FIELD : LIN (WOLFCAMP)	DISTRICT : MIDLAND	PLAN MD/TVD : 15,665 / 7,860
COUNTY,ST. : REAGAN , TX	API # : 42-383-37828	TAX/CREDIT :
PROPERTY # : 071608	WI % : 100	NRI % : 75
AFE# : 105200	AFE TOTAL : \$6,079,315	DHC : \$2,154,415 CWC : \$3,924,900
REPORTED BY:ROCHELL/BARBER/STEWART	LAST CSG : 5.500	SHOE MD/TVD: 15,542 / 7,890
RIG CONTR. : CACTUS	RIG NAME : 103	WATER DEPTH:
LOCATION : 2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY		KB ELEV : 0 GL ELEV: 0
SPUD DATE : 9/23/2012	RIG RELEASE: 10/4/2012	1ST SALES :

**REPORT DATE: 11/27/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :24 MW : VISC :  
 DAILY: DC: \$0 CC :\$400,866 TC : \$400,866 CUM : DC : \$2,299,496 CC : \$2,661,344 TC : \$4,960,840  
 FORMATION: PBDT : 0 PERF : PKR.DPTH: 0  
 CONTRACTOR : API WIRELINE GUN TYPE : HSC OD : 3.125

TOP DEPTH	BOTTOM DEPTH	DENSITY	PHASE
10047	10048	6	60
10097	10098	6	60
10147	10148	6	60
10197	10198	6	60
10240	10241	6	60

ACTIVITY AT REPORT TIME: FRAC

DAILY DETAILS : Safety Meeting, Test pumps and lines to 8500 psi, Trips range from 7900 psi to 8200 psi, Rupture disc rated to 8500 psi Stage # 21

Total Perfs 40  
 # Open 37.2  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 37.2  
 Casing ID 4.892 in.  
 Depth 1st Perf 10297 ft  
 AVG TVD 7880 ft

ISIP	3108	psi		Calculated	Calculated
Step			Pipe Fric	Total Fric	Perf Fric NWF
1	61	7,131	3,459	4,023	603 -39
2	45.2	5,682	2,003	2,574	331 240
3	23.4	4,165	622	1,057	89 347
4	10	3,218	133	110	16 -39

Stage #21 Frac

10,297' to 10,485'

Shut down due to leak on blender Started pumping Stage 21, we had started 1# 100 Mesh sand when a hole in the discharge manifold was noticed it was determined that the stage could not be completed due to the severity of the leak. Flushed and standby for a welder to repair manifold. Stage #21 Frac Continued

10,297' to 10,485'

Max Psi 7,355 Max Rate 82.6 Avg Psi 5,654 Avg Rate 79.6  
 Total Clean Fluid 8,660 Production Water 0 0.0% Of Total Clean  
 Total Proppant 528,997 Max Prop Con. 3.00  
 ISIP 2677 Frac Grad. 0.77 Stage #22 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.2 Max Psi 4,188  
 Spot Acid Bbls. 48 Pump Down Fluid 281  
 Set Plug @ 10,267' Test Plug to 4,545 Psi  
 Perf Cluster #1 10,240'  
 Break Down 4,310 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 10,047' to 10,240'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

Stage # 22

Total Perfs 40  
 # Open 28.7



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/27/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. : 1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>	
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Perf Diameter	0.38	in.	
Disch. Coeff.	0.65		# of Open Perforations
Fluid Density	8.35	ppg	28.7
Casing ID	4.892	in.	
Depth 1st Perf	10047	ft	
AVG TVD	7880	ft	

ISIP	Step	psi	Pipe Fric	Total Fric	Perf Fric	NWF	Calculated	Calculated
3108								
	1	60	7,619	3,274	4,511	981	256	
	2	43.8	5,963	1,847	2,855	523	486	
	3	29.5	4,340	912	1,232	237	83	
	4	11	3,553	156	445	33	256	
Stage #22 Frac								
	10,047'	to	10,240'					
Max Psi	7,158	Max Rate	81.8	Avg Psi	5,446	Avg Rate	80.2	
Total Clean Fluid			8,331	Production Water	0	0.0%	Of Total Clean	
Total Proppant			529,026	Max Prop Con.	3.00			
ISIP	3051	Frac Grad.	0.82					

## Stage #23 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down:	Max Rate	15.2	Max Psi	4,061
Spot Acid Bbls.	48	Pump Down Fluid		273
Set Plug @	10,010'	Test Plug to	4,580	Psi
Perf Cluster #1	9,990'			
Break Down	4,061	Psi	Pump	12 bbls acid into cluster #1
Perforated Interval	9,802'	to	9,990'	

POOH with wireline left remaining acid across perfs, All guns confirmed Fired

## Stage # 23

Total Perfs	40		
# Open	34.3		
Perf Diameter	0.38	in.	
Disch. Coeff.	0.65		# of Open Perforations
Fluid Density	8.35	ppg	34.3
Casing ID	4.892	in.	
Depth 1st Perf	9802	ft	
AVG TVD	7880	ft	

ISIP	Step	psi	Pipe Fric	Total Fric	Perf Fric	NWF	Calculated	Calculated
2938								
	1	60.4	7,480	3,234	4,542	697	611	0.00
	2	43.8	5,800	1,802	2,862	366	694	
	3	41.9	5,752	1,663	2,814	335	815	
	4	26.5	4,420	737	1,482	134	611	
Stage #23 Frac								
	9,802'	to	9,990'					
Max Psi	6,800	Max Rate	82.2	Avg Psi	5,305	Avg Rate	80.4	
Total Clean Fluid			8,337	Production Water	0	0.0%	Of Total Clean	
Total Proppant			529,200	Max Prop Con.	3.00			
ISIP	3102	Frac Grad.	0.83					



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/27/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

## Stage #24 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.2 Max Psi 4,516  
 Spot Acid Bbls. 48 Pump Down Fluid 279  
 Set Plug @ 9,767' Test Plug to 4,566 Psi  
 Perf Cluster #1 9,745'  
 Break Down 4,516 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 9,547' to 9,745'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

## Stage # 24

Total Perfs 40  
 # Open 40.0  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 40.0  
 Casing ID 4.892 in.  
 Depth 1st Perf 9547 ft  
 AVG TVD 7880 ft

ISIP	3181	psi		Calculated	Calculated		
Step			Pipe Fric	Total Fric	Perf Fric	NWF	D
1	60	7,100	3,111	3,919	505	302	-25.52
2	49.5	6,345	2,190	3,164	344	630	
3	38.5	5,112	1,392	1,931	208	331	
4	23	4,142	559	961	74	328	

Stage #24 Frac  
 9,547' to 9,745'  
 Max Psi 7,700 Max Rate 81.8 Avg Psi 5,522 Avg Rate 80.0  
 Total Clean Fluid 8,177 Production Water 0 0.0% Of Total Clean  
 Total Proppant 529,100 Max Prop Con. 3.00  
 ISIP 1877 Frac Grad. 0.67

## Stage #25 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.2 Max Psi 4,196  
 Spot Acid Bbls. 48 Pump Down Fluid 420  
 Set Plug @ 9,517' Test Plug to 4,577 Psi  
 Perf Cluster #1 9,497'  
 Break Down 4,196 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 9,297' to 9,497'  
 POOH with wireline pump acid away. All guns confirmed Fired

Well & Secured for night no injurys or accidents to report. UPPS to

repair and maintain equipment



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/28/2012 WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b> UNIVERSITY 09 #2808H	<b>EVENT NO. :</b> 1	<b>DIVISION :</b> MIDLAND
OPERATOR : EOG RESOURCES, INC	WELL TYPE : DEVO	WELL CLASS : COMP
FIELD : LIN (WOLFCAMP)	DISTRICT : MIDLAND	PLAN MD/TVD : 15,665 / 7,860
COUNTY,ST. : REAGAN , TX	API # : 42-383-37828	TAX/CREDIT :
PROPERTY # : 071608	WI % : 100	NRI % : 75
AFE# : 105200	AFE TOTAL : \$6,079,315	DHC : \$2,154,415 CWC : \$3,924,900
REPORTED BY:ROCHELL/BARBER/STEWART	LAST CSG : 5.500	SHOE MD/TVD: 15,542 / 7,890
RIG CONTR. : CACTUS	RIG NAME : 103	WATER DEPTH:
LOCATION : 2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY		KB ELEV : 0 GL ELEV: 0
SPUD DATE : 9/23/2012	RIG RELEASE: 10/4/2012	1ST SALES :

**REPORT DATE: 11/28/2012** MD :15552 TVD :7894 PROGRESS : 0 DAYS :25 MW : VISC :  
 DAILY: DC: \$0 CC :\$490,780 TC : \$490,780 CUM : DC : \$2,299,496 CC : \$3,152,124 TC : \$5,451,620  
 FORMATION: PBDT : 0 PERF : PKR.DPTH:  
 CONTRACTOR : API WIRELINE GUN TYPE : HSC OD : 3.125

TOP DEPTH	BOTTOM DEPTH	DENSITY	PHASE
9050	9051	6	60
9097	9098	6	60
9147	9148	6	60
9197	9198	6	60
9242	9243	6	60

ACTIVITY AT REPORT TIME: FRAC

DAILY DETAILS : Safety Meeting, Test pumps and lines to 8275 psi, Kick out range from 7800 psi to 8200 psi, Rupture disc rated to 8500 psi Stage # 25

Total Perfs 40  
 # Open 29.0  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 29.0  
 Casing ID 4.892 in.  
 Depth 1st Perf 9297 ft  
 AVG TVD 7880 ft

ISIP	3005	psi		Calculated	Calculated	
Step			Pipe Fric	Total Fric	Perf Fric	NWF
1	61.3	7,681	3,152	4,676	1,001	524
2	55	6,980	2,584	3,975	805	586
3	42	5,442	1,585	2,437	470	383
4	30	4,638	870	1,633	240	524

Stage #25 Frac  
 9,297' to 9,497'  
 Max Psi 7,350 Max Rate 81.9 Avg Psi 5,183 Avg Rate 78.0  
 Total Clean Fluid 8,466 Production Water 0 0.0% Of Total Clean  
 Total Proppant 529,060 Max Prop Con. 3.00  
 ISIP 2715 Frac Grad. 0.78 Stage #26 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.2 Max Psi 4,137  
 Spot Acid Bbls. 48 Pump Down Fluid 260  
 Set Plug @ 9,262' Test Plug to 4,545 Psi  
 Perf Cluster #1 9,242'  
 Break Down 4,738 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 9,050' to 9,242'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
 Stage # 26

Total Perfs 40  
 # Open 28.1  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 28.1  
 Casing ID 4.892 in.



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/28/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY			KB ELEV :	0 GL ELEV: 0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Depth 1st Perf 9050 ft  
AVG TVD 7880 ft

ISIP	3389	psi		Calculated	Calculated	
Step			Pipe Fric	Total Fric	Perf Fric	NWF
1	60	7,460	2,949	4,071	1,025	97
2	45.7	5,873	1,796	2,484	595	93
3	34.5	4,894	1,085	1,505	339	81
4	21.5	4,088	471	699	132	97
Stage #26 Frac						
9,050' to		9,242'				
Max Psi	7,552	Max Rate	81.9	Avg Psi	5,358	Avg Rate 80.7
Total Clean Fluid			7,954	Production Water	0	0.0% Of Total Clean
Total Proppant			529,331	Max Prop Con.	3.00	
ISIP	3171	Frac Grad.	0.84			Stage #27 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.1 Max Psi 4,085  
Spot Acid Bbls. 48 Pump Down Fluid 251  
Set Plug @ 9,017' Test Plug to 4,528 Psi  
Perf Cluster #1 8,993'  
Break Down 4,098 Psi Pump 12 bbls acid into cluster #1  
Perforated Interval 8,797' to 8,993'  
POOH with wireline left remaining acid across perfs, All guns confirmed Fired  
Stage # 27

Total Perfs 40  
# Open 30.9  
Perf Diameter 0.38 in.  
Disch. Coeff. 0.65 # of Open Perforations  
Fluid Density 8.35 ppg 30.9  
Casing ID 4.892 in.  
Depth 1st Perf 8797 ft  
AVG TVD 7880 ft

ISIP	3305	psi		Calculated	Calculated	
Step			Pipe Fric	Total Fric	Perf Fric	NWF
1	60	7,239	2,867	3,934	845	222
2	46.1	6,060	1,774	2,755	499	483
3	30.3	4,623	837	1,318	215	265
4	15	3,822	242	517	53	222
Stage #27 Frac						
8,797' to		8,993'				
Max Psi	7,483	Max Rate	81.5	Avg Psi	5,174	Avg Rate 79.1
Total Clean Fluid			8,250	Production Water	0	0.0% Of Total Clean
Total Proppant			530,860	Max Prop Con.	3.00	
ISIP	3073	Frac Grad.	0.82			

Tih with guns set plug and test, perf bottom shot,  
breakdown perfs, shoot 2nd gun. Top 3 guns failed to fire, pooh with live guns. DOWN TIME: WIRELINE COMPANY, TIH with 2nd set  
of guns, get on depth, guns failed to fire, pooh with live guns, check guns, rehead cable head, tih with 3rd set of guns, get on depth,  
perf top 3 guns, all guns fired. pooh 1d guns. Stage #28 Perforating  
Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 4,622  
Spot Acid Bbls. 144 Pump Down Fluid 719  
Set Plug @ 8,767' Test Plug to 4,524 Psi



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/28/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. : 1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>	
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV: 0	
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

Perf Cluster #1 8,747'  
 Break Down 4,622 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 8,547' to 8,747'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

## Stage # 28

Total Perfs 40  
 # Open 29.8  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 29.8  
 Casing ID 4.892 in.  
 Depth 1st Perf 8547 ft  
 AVG TVD 7880 ft

ISIP	3180	psi		Calculated	Calculated		
Step			Pipe Fric	Total Fric	Perf Fric	NWF	D
1	59	7,244	2,701	4,064	882	481	0.00
2	52	6,527	2,144	3,347	685	517	
3	47.2	6,045	1,798	2,865	565	502	
4	33.9	4,945	993	1,765	291	481	

Stage #28 Frac  
 8,547' to 8,747'  
 Max Psi 7,500 Max Rate 81.0 Avg Psi 5,136 Avg Rate 80.0  
 Total Clean Fluid 8,633 Production Water 0 0.0% Of Total Clean  
 Total Proppant 531,620 Max Prop Con. 3.00  
 ISIP 3224 Frac Grad. 0.84

## Stage #29 Perforating

Perforate w/ 3 1/8" 6 SPF 60? phasing -SDP HSC guns & set Halliburton 10k caged ball CFP

Pump Down: Max Rate 15.0 Max Psi 4,114  
 Spot Acid Bbls. 48 Pump Down Fluid 248  
 Set Plug @ 8,517' Test Plug to 4,723 Psi  
 Perf Cluster #1 8,497'  
 Break Down 4,114 Psi Pump 12 bbls acid into cluster #1  
 Perforated Interval 8,297' to 8,497'  
 POOH with wireline left remaining acid across perfs, All guns confirmed Fired

## Stage # 29

Total Perfs 40  
 # Open 34.5  
 Perf Diameter 0.38 in.  
 Disch. Coeff. 0.65 # of Open Perforations  
 Fluid Density 8.35 ppg 34.5  
 Casing ID 4.892 in.  
 Depth 1st Perf 8297 ft  
 AVG TVD 7880 ft

ISIP	3337	psi		Calculated	Calculated		
Step			Pipe Fric	Total Fric	Perf Fric	NWF	D



# WELL CHRONOLOGY REPORT

REPORT GENERATED ON: 11/28/2012

WELL NAME : UNIVERSITY 09 #2808H

<b>WELL NAME :</b>	<b>UNIVERSITY 09 #2808H</b>	<b>EVENT NO. :</b>	<b>1</b>	<b>DIVISION :</b>	<b>MIDLAND</b>
OPERATOR :	EOG RESOURCES, INC	WELL TYPE :	DEVO	WELL CLASS :	COMP
FIELD :	LIN (WOLFCAMP)	DISTRICT :	MIDLAND	PLAN MD/TVD :	15,665 / 7,860
COUNTY,ST. :	REAGAN , TX	API # :	42-383-37828	TAX/CREDIT :	
PROPERTY # :	071608	WI % :	100	NRI % :	75
AFE# :	105200	AFE TOTAL :	\$6,079,315	DHC :	\$2,154,415 CWC : \$3,924,900
REPORTED BY:	ROCHELL/BARBER/STEWART	LAST CSG :	5.500	SHOE MD/TVD:	15,542 / 7,890
RIG CONTR. :	CACTUS	RIG NAME :	103	WATER DEPTH:	
LOCATION :	2650 FNL 2380 FWL X: 1600695 Y: 573394 ULS SVY	KB ELEV :	0	GL ELEV:	0
SPUD DATE :	9/23/2012	RIG RELEASE:	10/4/2012	1ST SALES :	

1	61.8	7,300	2,855	3,963	719	389	0.00
2	49.8	6,324	1,924	2,987	467	596	
3	38.1	5,275	1,187	1,938	273	477	
4	25.9	4,451	599	1,114	126	389	
Stage #29 Frac							
8,297' to 8,497'							
Max Psi	7,410	Max Rate	81.2	Avg Psi	5,495	Avg Rate	79.4
Total Clean Fluid			7,911	Production Water	0	0.0%	Of Total Clean
Total Proppant			529,853	Max Prop Con.	3.00		
ISIP	3147	Frac Grad.		0.83			

Well &amp; Secured for night no injurys or accidents

to report. UPPS to repair and maintain equipment