

**Chesapeake Operating, Inc.**  
Well Name: UNIVERSITY 7-28 7  
Sect: 0 Town: Rng: County: MARTIN State: TX

OPERATIONS SUMMARY									
From	To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)	
05:00	18:00	13.00	60	Mob	Mob	Mob	RIGD	RIG DOWN FLOOR,PITS & PUMPS	24 HR'S SINCE RIG RELEASE,75% RIGGED DOWN, EST
18:00	05:00	11.00	60	Mob	Mob	Mob	WOD	SPUD TUE 4/24/12	WAIT ON DAY LIGHT

[illegible]

BHA COMPONENTS				
Str	Qty	O.D.	Item	Len

FORMATION TOPS			MUD LOG					Pore
Target Form: MARTIN			Depth	Gas:Back	Max	Conn	Trip	Pres
Form Name	Depth:Prog	Actual	Shows and Lithology:					
RUSTLER	2,071							
TANSIL	2,928							
QUEEN	4,003							
SAN ANDRES	4,782							
CLEAR FORK	6,532							

THE INFORMATION IN THIS REPORT IS PROPRIETARY, CONFIDENTIAL AND NOT FOR PUBLIC DISSEMINATION. THIS INFORMATION MAY NOT BE SHARED WITH UNAUTHORIZED PERSONS WITHOUT THE WRITTEN CONSENT OF CHESAPEAKE.

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CHESAPEAKE OPERATING, INC.  
P.O. Box 18496  
Oklahoma City, Oklahoma 73154-0496  
405.848.8000  
405.879.7917 FAX

Daily Drilling Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days:		Rig Release:		For 5:00 AM 23-Apr-2012	
District: PERMIAN	Objective: Wolfcamp	Rig: Canyon 8			
Depth: 60	RKB/GL EL: 17 / 2922	Survey:	Spud Date:		
Last Casing: Conductor - 60	Hole Made: 0	Avg ROP: 0	Drill Hrs: 0		
Next Casing: Planned Surface - 1800	AFE No: 158011	Drig AFE \$: 1,316,900	Total AFE \$: 2,447,900		
BOP Tested:	Report No: 3	Daily Mud \$:	Daily Well Cost \$: 19,034		
Projected TD: 11,130	Proj. Days: 13	Cum Mud \$:	Cum Well Cost \$: 210,839		

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 08:00	3.00	60	Mob	Mob	Mob	RIGD	WAIT ON DAYLIGHT		
08:00 08:30	0.50	60	Mob	Mob	Mob	SAFE	SAFETY MEETING'S W/ CANYON, TESSCO, & BARRERA CREWS ON RIG MOVE SAFETY , CONDUCTED BY DWAIN CASE & STEVE BINGHAM		
08:30 14:30	6.00	60	Mob	Mob	Mob	MOVE	MOVING RIG TO UNIVERSITY 7-28-7 , SUCTION PIT, CONEX HOUSE, DP, DC'S PUMPS, WATER TANKS, & CO MAN HOUSE		
14:30 15:00	0.50	60	Mob	Mob	Mob	SAFE	SAFETY MEETING W/ CANYON, TESSCO, & BARRERA CREWS, ON REFOCUS ON RIG MOVE SAFETY , CONDUCTED BY DWAIN CASE, & STEVE BINGHAM		
15:00 19:00	4.00	60	Mob	Mob	Mob	MOVE	SET IN SUB, BOAT, DRILL UNIT, SHALE PIT, SUCTION PIT, T/PHOUSE, CREW HOUSE, CHANGE ROOM, FUEL TANK, & GIN HOUSE, TRUCKS LEFT LOCATION @ 19:00 PM		
19:00 05:00	10.00	60	Mob	Mob	Mob	MOVE	WAIT ON DAY LIGHT		

MISCELLANEOUS DRILLING INFORMATION											HRS ROTATING				HRS SLIDING					
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO			Daily	Cum	Daily	Cum						
MUD REPORTS																				
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels		
BIT INFORMATION									BIT RUN		REPORT			GRADING						
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
													BHA COMPONENTS							
													Str	Qty	O.D.	Item			Len	
FORMATION TOPS					MUD LOG										Pore					
Target Form: MARTIN					Depth	Gas:Back			Max	Conn	Trip	Pres								
Form Name		Depth:Prog	Actual	Shows and Lithology:																
RUSTLER		2,071																		
TANSIL		2,928																		
QUEEN		4,003																		
SAN ANDRES		4,782																		
CLEAR FORK		6,532																		

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Daily Drilling Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 1			Rig Release:			For 5:00 AM 24-Apr-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 563			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Conductor - 60			Hole Made: 503			Drill Hrs: 2.50		
Next Casing: Planned Surface - 1800			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested:			Report No: 4			Daily Well Cost \$: 22,831		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 233,670		
			Survey:					
			Avg ROP: 201.2					
			Drig AFE \$: 1,316,900					
			Daily Mud \$:					
			Cum Mud \$:					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 07:00	2.00	60	Mob	Mob	Mob	MOVE	WAIT ON DAY LIGHT		
07:00 07:30	0.50	60	Mob	Mob	Mob	SAFE	SAFETY MEETING W/ CANYON, TESCO, & BARRERA CREWS, ON ON MOVE & SET IN SAFETY, CONDUCTED BY DWAIN CASE & STEVE BINGHAM		
07:30 13:30	6.00	60	Mob	Mob	Mob	MOVE	SET IN PITS, SUIT CASE, SUCTION MANAFOLD, PUMPS, TOP DOG HOUSE, WATER TANKS, HOUSE, GEN HOUSE, FUEL TANK, DOG HOUSE, RAISE & SCOPE UP MASK, SET PREMIX, GEL BEN'S, MUD HOUSE, RAISE DOG HOUSE TRUCKS OFF LOCATION @ 13:30 PM 4/23/12		
13:30 20:30	7.00	60	Mob	Mob	Mob	RIGU	RIG UP PITS, PUMPS, ELECTRICAL LINES BACK YARD, MASK, & FLOOR		
20:30 22:30	2.00	60	Mob	Mob	Mob	RIGU	DO CANYON PRESPUD INSPECTION & MAKE CORRECTIONS WHILE MIXING SPUD MUD		
22:30 00:30	2.00	60	Mob	Mob	Mob	NIPPLE UP	PSI TEST PUMPS, LINES, & CELLER JET, & FIX LEAKS		
00:30 02:30	2.00	60	Mob	Mob	Mob	NIPPLE UP	PU AND MAKE UP BHA		
02:30 05:00	2.50	563	Surf	Vert	Drill	DRIL	DRLG F/60"-563"=503'@201 FPH, WOB 20-30 GPM 700 RPM 100-130, PSI ON BTM 750 TRQ OFF BTM 1000 TRQ ON BTM 2000 -4000 FULL RETURNS.		

MISCELLANEOUS DRILLING INFORMATION														HRS ROTATING			HRS SLIDING				
Flare:	Dur	An P	Ht	Hk Loads:			Rot	PU	SO					Daily	Cum	Daily	Cum				
														2.5	2.5						
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
23-Apr-2012 05:00	8.4	28																			
								8													
BIT INFORMATION									BIT RUN		REPORT		GRADING								
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull	
													BHA COMPONENTS								
													Str	Qty	O.D.	Item			Len		

FORMATION TOPS				MUD LOG						Pore
Target Form: MARTIN				Depth	Gas:Back	Max	Conn	Trip	Pres	
Form Name	Depth:Prog	Actual	Shows and Lithology:							
RUSTLER	2,071									
TANSIL	2,928									
QUEEN	4,003									
SAN ANDRES	4,782									
CLEAR FORK	6,532									

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Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 2			Rig Release:			For 5:00 AM 25-Apr-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 1,820			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Surface - 1820			Hole Made: 1257			Drill Hrs: 8.50		
Next Casing: Planned Production - 10250			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested:			Report No: 5			Daily Well Cost \$: 118,808		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 352,478		
			Survey:					
			Avg ROP: 147.9					
			Drig AFE \$: 1,316,900					
			Daily Mud \$: 7,959					
			Cum Mud \$: 7,959					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 06:00	1.00	754	Surf	Vert	Drill	DRIL	DRLG F/563' - 754=191'@95.9 FPH , WOB 20-30 GPM 700 RPM 100-130, PSI ON BTM 750 TRQ OFF BTM 1000 TRQ ON BTM 2000 -4000 FULL RETURNS.		
06:00 06:30	0.50	754	Surf	Vert	Drill	CIRC	GET SLOW PUMP RATES		
06:30 14:00	7.50	1,820	Surf	Vert	Drill	DRIL	DRLG F/754 -1820'= 1066'@142 FPH , WOB 20-30 GPM 700 RPM 100-130, PSI ON BTM 1140 TRQ OFF BTM 1000 TRQ ON BTM 2000 -4000 FULL RETURNS.		
14:00 16:00	2.00	1,820	Surf	Vert	Csg	CIRC	CIRC & RUN FLUID CALIPER= ANNVOLUME 768 CU/FT AVERAGE HOLE SIZE 12 3/8",66%WASHOUT, PUMP 4-80 BBL HI-VIS SWEEPS & CIRC OUT, SPOT 150 BBL HI- VIS PILL ON BOTTOM. & SERVICE RIG		
16:00 18:00	2.00	1,820	Surf	Vert	Csg	TOOH	TOOH W/ DP F/ 1820'-1680' TIGHT HOLE F/ 1680'-1120' MAX OVERPULL 42K,CONT TO TOOH F/1120'- 468'		
18:00 19:30	1.50	1,820	Surf	Vert	Csg	BHA	TOOH W/ 6" DC'S F/ 468'-100'		
19:30 21:30	2.00	1,820	Surf	Vert	Csg	LDBHA	SAFETY MEETING, & R/UP CSG & L/D MACHINE & L/D BHA F/ 100'-0'		
21:30 22:30	1.00	1,820	Surf	Vert	Csg	RURD	SAFETY MTG RU CASING CREW, TO RUN CASING		
22:30 03:30	5.00	1,820	Surf	Vert	Csg	CASE	MAKE UP 1 JT SHOE TRACK RUN 43JT'S 8 5/8"24#, J-55,ST&C, SET @ 1820'		
03:30 04:30	1.00	1,820	Surf	Vert	Csg	RURD	CIRC 1.5 X CSG CAP,R/D CSG & L/D MACHINE		
04:30 05:00	0.50	1,820	Surf	Vert	Csg	RURD	SAFETY MEETING & R/UP O-TEX CEMENTERS		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING				HRS SLIDING				
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO					Daily	Cum	Daily	Cum					
						81	81	81					8.5	11.0							
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
24-Apr-2012 14:00	8.4	28				0	0	9	0.4	99.6	0	0	0.2	2800			2/1	0/0/			
BIT INFORMATION									BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles				Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
1/1	SEC	FX65S		11	16/16/16/16/16/16				1760	11	160	30	130	1	1	CT	S	1	0		TD
													BHA COMPONENTS								
													Str	Qty	O.D.	Item		Len			
													1	12	6.500	Drill Collar		359.25			
													1		8.000	XO Sub		2.50			
													1		8.000	Drill Collar		29.44			
													1		8.000	Stabilizer - Integral Blade		7.88			
													1		8.000	Drill Collar		27.64			
													1		8.000	Stabilizer - Integral Blade		7.87			
													1		8.000	Drill Collar		30.03			
													1		8.000	Bit Sub		2.56			
FORMATION TOPS					MUD LOG							Pore									
Target Form: MARTIN					Depth	Gas:Back		Max	Conn	Trip	Pres										
Form Name	Depth:Prog	Actual	Shows and Lithology:																		
RUSTLER	2,071																				
TANSIL	2,928																				
QUEEN	4,003																				
SAN ANDRES	4,782																				
CLEAR FORK	6,532																				

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Daily Drilling Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 3			Rig Release:			For 5:00 AM 26-Apr-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 1,820			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Surface - 1820			Hole Made: 0			Drill Hrs: 0		
Next Casing: Planned Production - 10250			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested:			Report No: 6			Daily Well Cost \$: 110,343		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 462,822		
Survey:			Avg ROP: 0					
			Drig AFE \$: 1,316,900					
			Daily Mud \$:					
			Cum Mud \$: 7,959					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 06:00	1.00	1,820	Surf	Vert	Csg	CMTPT	SAFETY MEETING,R/UP CEMENTER'S,TEST LINES TO3000 PSI, PUMP 20 BBLs SPACER, CMT. W/ 675-SX + ADDITIVES, LEAD SLURRY, DISPLACE W/ 114-BBLs OF F/W BUMP PLUG W/1284-PSI,PLUG HELD BLEAD BACK 1 BBL,CIR. 30 BBLs OF CMT TO RESERVE PIT( O-TEX ON LOCATION @2:00 AM 4/25/12 OFF @ 7:AM 4/25/12 )		
06:00 10:00	4.00	1,820	Surf	Vert	Csg	WOC	WAIT ON CEMENT		
10:00 12:00	2.00	1,820	Surf	Vert	Csg	WELD	CUT OFF CONDUCTOR CSG. & 8 5/8" SURFACE CSG AND WELD ON 11" 5K X 8 5/8" SOW HEAD		
12:00 13:00	1.00	1,820	Surf	Vert	Csg	CTEST	LET HEAD COOL DOWN & TEST TO 950 PSI BY WEATHERFORD SERVICE HAND(GOOD TEST)		
13:00 18:00	5.00	1,820	Surf	Vert	Csg	BOPNU	SAFETY MEETING NIPPLE UP BOP STACK & CHOKE MANIFOLD,INSTALL MOUSE HOLE,ACC LINES TURNBUCKLES & CENTER STACK		
18:00 21:00	3.00	1,820	Surf	Vert	Csg	BOPT	SAFETY MEETING,UP TESTER & RUN FULL ACC,TEST,RUN FULL BODY TEST TO 250 LOW & 5K HIGH, BLINDS (DID NOT PASS LEAKING)		
21:00 23:00	2.00	1,820	Surf	Vert	Csg	BOPO	,OPEN DOORS & CHANGE BLIND RAM RUBBERS		
23:00 01:30	2.50	1,820	Surf	Vert	Csg	BOPT	RUN FULL ACC,TEST,TEST PIPE & BLIND RAMS TO 250 LOW & 5K HIGH,TEST ANNULAR TO 250 LOW & 3K HIGH,TEST POWER CHOKE,HCR VALVE,& KILL LINE VALVES,& CHOKE VALVES TO 250 LOW & 5K HIGH (TEST OK) , TEST FLOOR VALVES,KELLY VALVES TO 250LOW & 5K HIGH,STD PIPE & LINES BACK TO PUMPS TO 250 LOW & 3K HI		
01:30 02:30	1.00	1,820	Surf	Vert	Csg	BOPO	INSTALL WEAR BUSHING & RECENTER BOP		
02:30 05:00	2.50	1,820	Surf	Vert	Csg	PUBHA	MU BIT PU BHA,F/ 0' TO 200/TEST MOTOR ( OK)		

MISCELLANEOUS DRILLING INFORMATION										HRS ROTATING		HRS SLIDING	
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO		Daily	Cum	Daily	Cum
											11.0		0.0

MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
BIT INFORMATION									BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles				Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
1/1	SEC	FX6SS		11	16/16/16/16/16/16				1760	11	160	30	130	1	1	CT	S	1	0		TD

										BHA COMPONENTS				
										Str	Qty	O.D.	Item	Len
										1	12	6.500	Drill Collar	359.25
										1		8.000	XO Sub	2.50
										1		8.000	Drill Collar	29.44
										1		8.000	Stabilizer - Integral Blade	7.88
										1		8.000	Drill Collar	27.64
										1		8.000	Stabilizer - Integral Blade	7.87
										1		8.000	Drill Collar	30.03
										1		8.000	Bit Sub	2.56

FORMATION TOPS			MUD LOG						Pore
Target Form: MARTIN			Depth	Gas:Back	Max	Conn	Trip	Pres	
Form Name	Depth:Prog	Actual	Shows and Lithology:						
RUSTLER	2,071								
TANSIL	2,928								
QUEEN	4,003								
SAN ANDRES	4,782								
CLEAR FORK	6,532								

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## Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 4

Rig Release:

For 5:00 AM 27-Apr-2012

District: PERMIAN	Objective: Wolfcamp	Survey:	Rig: Canyon 8
Depth: 3,600	RKB/GL EL: 17 / 2922	Avg ROP: 114.8	Spud Date: 24-Apr-12
Last Casing: Surface - 1820	Hole Made: 1780	Drig AFE \$: 1,316,900	Drill Hrs: 15.50
Next Casing: Planned Production - 10250	AFE No: 158011	Daily Mud \$: 5,881	Total AFE \$: 2,447,900
BOP Tested: 04/25/2012	Report No: 7	Cum Mud \$: 13,840	Daily Well Cost \$: 35,863
Projected TD: 11,130	Proj. Days: 13		Cum Well Cost \$: 503,846

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 07:30	2.50	1,820	Surf	Vert	Csg	PUBHA	MU BIT PU BHA.F 0' TO 200 TIH W DCS/TEST MOTOR ( OK) SURVEY TOOL OK		
07:30 10:30	3.00	1,820	Surf	Vert	Csg	TIH	TIH F 647' TO 1779 TO TEST CASING,PUMPING OUT SURVEYS EVERY 500 FT, TAG @ 1779		
10:30 11:00	0.50	1,820	Surf	Vert	Csg	TOOH	LD 7 JTS OF DP		
11:00 11:30	0.50	1,820	Surf	Vert	Csg	CTEST	FILL PIPE AND CIR. TEST CSG. TO 1500PSI AND HOLD FOR 30 MIN. ( OK )		
11:30 12:00	0.50	1,820	Surf	Vert	Csg	CIRC	INSTALL ROT HEAD RUBBER		
12:00 13:00	1.00	1,820	Surf	Vert	Csg	CMTD	DRILL CMT & FLOAT EQUIPMENT F/ 1750'-1810		
13:00 18:00	5.00	2,434	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 1820' -2434' = 614' @ 122.8FPH, WOB 20/ GPM-500,RPM @ MTR.=85, & ROT 70= TOT. RPM 155, PSI ON BTM1650 PSI OFF BTM 1350DIFF.= 300 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'		
18:00 18:30	0.50	2,434	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
18:30 05:00	10.50	3,600	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 2434' -3600' = 1166' @ 111FPH, WOB 20/ GPM-500,RPM @ MTR.=85, & ROT 70= TOT. RPM 155, PSI ON BTM1650 PSI OFF BTM 1350DIFF.= 300 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING			HRS SLIDING			
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO					Daily	Cum	Daily	Cum			
817-917-1000													15.5	26.5					
MUD REPORTS																			
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels	
26-Apr-2012 19:00	9.9	29				0	0	11	10.3	89.7		0	0.6	156000			2/1	0/0/	
BIT INFORMATION									BIT RUN		REPORT			GRADING					
No/Run	Make	Model	IADC	Diam	Nozzles		Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16		1780	15.5	115	15	65								
1/1	SEC	FX65S		11	16/16/16/16/16/16		1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS												BHA COMPONENTS							
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item			Len				
Incl	498	0.8	0.0	498	3	0	3	0.2	2	3	6.250	Drill Collar			88.42				
Incl	998	0.6	0.0	998	10	0	10	0.0	2	1	6.125	Drilling Jars - Hydraulic			32.38				
Incl	1,495	0.6	0.0	1,495	15	0	15	0.0	2	15	6.500	Drill Collar			447.35				
Incl	1,989	0.3	0.0	1,989	19	0	19	0.1	2	1	6.500	Stabilizer - Integral Blade			7.30				
Incl	2,457	1.0	0.0	2,457	24	0	24	0.2	2	1	6.500	Drill Collar			29.01				
Incl	2,941	1.0	0.0	2,941	32	0	32	0.0	2	1	6.500	Stabilizer - Integral Blade			7.31				
Incl	3,413	2.0	0.0	3,413	45	0	45	0.2	2	1	6.500	Flow Drift			4.28				
									2	1	6.500	Mud Motor			30.28				
FORMATION TOPS				MUD LOG							Pore								
Target Form: MARTIN				Depth	Gas:Back	Max	Conn	Trip	Pres										
Form Name	Depth:Prog	Actual	Shows and Lithology:																
RUSTLER	2,071																		
TANSIL	2,928																		
QUEEN	4,003																		
SAN ANDRES	4,782																		
CLEAR FORK	6,532																		

CHESAPEAKE OPERATING, INC.  
P.O. Box 18496  
Oklahoma City, Oklahoma 73154-0496  
405.848.8000  
405.879.7917 FAX

## Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 5

Rig Release:

For 5:00 AM 28-Apr-2012

District: PERMIAN	Objective: Wolfcamp	Rig: Canyon 8
Depth: 5,000	RKB/GL EL: 17 / 2922	Spud Date: 24-Apr-12
Last Casing: Surface - 1820	Hole Made: 1400	Drill Hrs: 22.50
Next Casing: Planned Production - 10250	AFE No: 158011	Total AFE \$: 2,447,900
BOP Tested: 04/25/2012	Report No: 8	Daily Well Cost \$: 33,552
Projected TD: 11,130	Proj. Days: 13	Cum Well Cost \$: 567,258
Avg ROP: 62.2	Drig AFE \$: 1,316,900	
Daily AFE \$: 7,490	Daily Mud \$: 7,490	
Cum Mud \$: 21,330		

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 12:30	7.50	4,147	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 3600 -4147' = 547' @ 72FPH, WOB 20/ GPM-500,RPM @ MTR.=85, & ROT 70= TOT. RPM 155, PSI ON BTM1650 PSI OFF BTM 1350DIFF.= 300 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'		
12:30 13:00	0.50	4,147	Prod	Vert	Drill	RIG SERV	SERVICE RIG/CHANGE OUT RT HEAD		
13:00 13:30	0.50	4,147	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
13:30 20:00	6.50	4,442	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 4147 -4442' = 295' @ 46FPH, WOB 20/ GPM-500,RPM @ MTR.=85, & ROT 70= TOT. RPM 155, PSI ON BTM1650 PSI OFF BTM 1350DIFF.= 300 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'		
20:00 20:30	0.50	4,442	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
20:30 05:00	8.50	5,000	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 4442 -5000' =558' @ 65 FPH, WOB 20/ GPM-388,RPM @ MTR.=65, & ROT 70= TOT. RPM 135, PSI ON BTM1650 PSI OFF BTM 1350DIFF.= 300 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90' DRILLING WITH #2 PUMP DUE TO CHANGING OUT BELT ON # 1 PUMP BREAKING. CHANGING OUT BELT PUT ON WRONG BELT TWICE..		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING			HRS SLIDING						
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO					Daily	Cum	Daily	Cum						
817-917-1000													105		105		90		22.5		49.0	
MUD REPORTS																						
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels				
27-Apr-2012 19:00	9.9	28				0	0	10	10.3	89.7	0	0	0.3	161000			2/1	0/0/				
BIT INFORMATION									BIT RUN		REPORT			GRADING								
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull		
2/	HTC	Q605FX		7.88	16/16/16/16/16			3180	38	84	15	65										
1/1	SEC	FX65S		11	16/16/16/16/16/16			1760	11	160	30	130	1	1	CT	S	1	0		TD		
SURVEYS													BHA COMPONENTS									
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item			Len							
Incl	498	0.8	0.0						2	3	6.250	Drill Collar			88.42							
Incl	998	0.6	0.0						2	1	6.125	Drilling Jars - Hydraulic			32.38							
Incl	1,495	0.6	0.0						2	15	6.500	Drill Collar			447.35							
Incl	1,989	0.3	0.0						2	1	6.500	Stabilizer - Integral Blade			7.30							
Incl	2,457	1.0	0.0						2	1	6.500	Drill Collar			29.01							
Incl	2,941	1.0	0.0						2	1	6.500	Stabilizer - Integral Blade			7.31							
Incl	3,413	2.0	0.0						2	1	6.500	Flow Drift			4.28							
Incl	3,910	1.7	0.0						2	1	6.500	Mud Motor			30.28							
Incl	4,442	1.6	0.0																			
Incl	4,870	1.6	0.0																			
FORMATION TOPS				MUD LOG						Pore												
Target Form: MARTIN				Depth	Gas:Back		Max	Conn	Trip	Pres												
Form Name	Depth:Prog		Actual	Shows and Lithology:																		
RUSTLER	2,071																					
TANSIL	2,928																					
QUEEN	4,003																					
SAN ANDRES	4,782																					
CLEAR FORK	6,532																					



CHESAPEAKE OPERATING, INC.  
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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 6			Rig Release:			For 5:00 AM 29-Apr-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 6,600			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Surface - 1820			Hole Made: 1600			Drill Hrs: 20.50		
Next Casing: Planned Production - 10250			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 9			Daily Well Cost \$: 36,862		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 604,119		
Survey:			Avg ROP: 78.0					
			Drig AFE \$: 1,316,900					
			Daily Mud \$: 3,225					
			Cum Mud \$: 24,555					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 10:00	5.00	5,407	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 5000'-5407' =407' @ 81 FPH, WOB 20/ GPM-388,RPM @ MTR.=65, & ROT 70= TOT. RPM 135, PSI ON BTM1650 PSI OFF BTM 1350DIFF.= 300 PSI. FULL RETURNS NO LOSSES/ PUMP. 20 BBL HI-VIS SWEEPS EVERY 90' DRILLING WITH #2 PUMP DUE TO CHANGING OUT BELT ON # 1 PUMP BREAKING. CHANGING OUT BELT PUT ON WRONG BELT TWICE..		
10:00 10:30	0.50	5,407	Prod	Vert	Drill	RIG SERV	SERVIVE RIG		
10:30 11:00	0.50	5,407	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
11:00 14:30	3.50	5,693	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 5407'-5693' = 286' @ 81 FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP. 20 BBL HI-VIS SWEEPS EVERY 90'.		
14:30 16:30	2.00	5,693	Prod	Vert	Drill	REPR	WORK ON MUD PUMPS /WEAR PLATE WASHED ON 2 PUMP #1 PUMP HAD PLASTIC CAP UNDER VALVE		
16:30 19:30	3.00	5,946	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 5693'-5946' = 253' @ 84 FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP. 20 BBL HI-VIS SWEEPS EVERY 90'.		
19:30 20:00	0.50	5,946	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
20:00 05:00	9.00	6,600	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 5946'-6600' = 654' @72 FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP. 20 BBL HI-VIS SWEEPS EVERY 90'.		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING			HRS SLIDING					
Flare:	Dur	An P	Ht	Hk Loads:			Rot	PU	SO				Daily	Cum	Daily	Cum					
817-917-							155	155	140				20.5	92.0							
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
28-Apr-2012 13:00	9.1	41		38	2	5	24	10	5.3	94.7		0	3.1	36000			34/29	24/32/			
BIT INFORMATION									BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles				Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16				5880	81	73	15	65								
1/1	SEC	FX6SS		11	16/16/16/16/16/16				1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS													BHA COMPONENTS								
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item				Len					
Incl	1,989	0.3	0.0						2	3	6.250	Drill Collar				88.42					
Incl	2,457	1.0	0.0						2	1	6.125	Drilling Jars - Hydraulic				32.38					
Incl	2,941	1.0	0.0						2	15	6.500	Drill Collar				447.35					
Incl	3,413	2.0	0.0						2	1	6.500	Stabilizer - Integral Blade				7.30					
Incl	3,910	1.7	0.0						2	1	6.500	Drill Collar				29.01					
Incl	4,442	1.6	0.0						2	1	6.500	Stabilizer - Integral Blade				7.31					
Incl	4,870	1.6	0.0						2	1	6.500	Flow Drift				4.28					
Incl	5,346	1.7	0.0						2	1	6.500	Mud Motor				30.28					
Incl	5,820	0.6	0.0																		
Incl	6,295	0.1	0.0																		
FORMATION TOPS				MUD LOG								Pore									
Target Form: MARTIN				Depth	Gas:Back			Max	Conn	Trip	Pres										
Form Name		Depth:Prog	Actual	Shows and Lithology:																	
RUSTLER		2,071																			
TANSIL		2,928																			
QUEEN		4,003																			
SAN ANDRES		4,782																			
CLEAR FORK		6,532																			

CHESAPEAKE OPERATING, INC.  
P.O. Box 18496  
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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 7			Rig Release:			For 5:00 AM 30-Apr-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 7,700			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Surface - 1820			Hole Made: 1100			Drill Hrs: 22.50		
Next Casing: Planned Production - 10250			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 10			Daily Well Cost \$: 39,978		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 644,097		
Survey:			Avg ROP: 48.9					
Drig AFE \$: 1,316,900			Daily Mud \$: 5,889					
Cum Mud \$: 30,444								

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 09:00	4.00	6,771	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 6600'-6771' = 171' @ 42' FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'. SLOW PUMP RATES		
09:00 09:30	0.50	6,771	Prod	Vert	Drill	CIRC	SERVICE RIG		
09:30 10:00	0.50	6,771	Prod	Vert	Drill	RIG SERV	ROT. DRLG F/ 6771' -7170' = 399' @ 42' FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'. GET SLOW PUMP RATES		
10:00 19:30	9.50	7,170	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 7170' -7700' = 530' @ 59' FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'.		
19:30 20:00	0.50	7,170	Prod	Vert	Drill	CIRC			
20:00 05:00	9.00	7,700	Prod	Vert	Drill	DRIL			

MISCELLANEOUS DRILLING INFORMATION														HRS ROTATING			HRS SLIDING			
Flare:	Dur	An P	Ht	Hk Loads:			Rot	PU	SO				Daily	Cum	Daily	Cum				
817-917-							168	175	160				22.5	92.0						
MUD REPORTS																				
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels		
29-Apr-2012 18:00	9.3	40		38	2	5	20	10	6.7	93.3	0	0	3.9	46000			30/25	20/25/		
BIT INFORMATION								BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16			5880	81	73	15	65								
1/1	SEC	FX6SS		11	16/16/16/16/16/16			1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS												BHA COMPONENTS								
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item				Len				
Incl	2,941	1.0	0.0						2	3	6.250	Drill Collar				88.42				
Incl	3,413	2.0	0.0						2	1	6.125	Drilling Jars - Hydraulic				32.38				
Incl	3,910	1.7	0.0						2	15	6.500	Drill Collar				447.35				
Incl	4,442	1.6	0.0						2	1	6.500	Stabilizer - Integral Blade				7.30				
Incl	4,870	1.6	0.0						2	1	6.500	Drill Collar				29.01				
Incl	5,346	1.7	0.0						2	1	6.500	Stabilizer - Integral Blade				7.31				
Incl	5,820	0.6	0.0						2	1	6.500	Flow Drift				4.28				
Incl	6,295	0.1	0.0						2	1	6.500	Mud Motor				30.28				
Incl	6,764	0.4	0.0																	
Incl	7,247	0.8	0.0																	
FORMATION TOPS				MUD LOG						Pore										
Target Form: MARTIN				Depth	Gas:Back		Max	Conn	Trip	Pres										
Form Name	Depth:Prog	Actual	Shows and Lithology:																	
RUSTLER	2,071																			
TANSIL	2,928																			
QUEEN	4,003																			
SAN ANDRES	4,782																			
CLEAR FORK	6,532																			

CHESAPEAKE OPERATING, INC.  
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## Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 8

Rig Release:

For 5:00 AM 01-May-2012

District: PERMIAN	Objective: Wolfcamp	Survey:	Rig: Canyon 8
Depth: 8,725	RKB/GL EL: 17 / 2922	Avg ROP: 45.6	Spud Date: 24-Apr-12
Last Casing: Surface - 1820	Hole Made: 1025	Drig AFE \$: 1,316,900	Drill Hrs: 22.50
Next Casing:	AFE No: 158011	Daily AFE \$: 6,811	Total AFE \$: 2,447,900
BOP Tested: 04/25/2012	Report No: 11	Daily Mud \$: 37,255	Daily Well Cost \$: 33,567
Projected TD: 11,130	Proj. Days: 13	Cum Mud \$: 37,255	Cum Well Cost \$: 677,664

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 09:00	4.00	7,912	Prod	Vert	Drill	DRIL	ROT. DRLG F/7700' -7912' = ' @ 59' FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. FULL RETURNS NO LOSSES/ PUMP .20 BBL HI-VIS SWEEPS EVERY 90'.		
09:00 09:30	0.50	7,912	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
09:30 10:00	0.50	7,912	Prod	Vert	Drill	RIG SERV	SERVICE RIG		
10:00 20:30	10.50	8,451	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 7912' -8451' = 539' @ 51' FPH, WOB 20 GPM-500,RPM @ MTR.85, & ROT 70= TOT. RPM 155, PSI ON BTM 2250 PSI OFF BTM 1900DIFF.= 350 PSI. LOST RETURNS TOTAL RETURNS / PUMP 2 100BLS HI VIS PILLS W 8 PPB LCM		
20:30 21:00	0.50	8,451	Prod	Vert	Drill	CIRC	WORK PIPE ,TRY TO GAIN CIRCULATION ,PUMP LCM PILLS , GOT 80% RETURNS		
21:00 05:00	8.00	8,725	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 8451' -8725' = 274' @ 34 ' FPH, WOB 20 GPM-380,RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1650 PSI OFF BTM 1400 DIFF.= 250 PSI. 95 % RETURNS TOTAL RETURNS / PUMP 40 BBLs HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING				HRS SLIDING				
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO						Daily	Cum	Daily	Cum				
817-917-1000						183	190	175						22.5	114.5						
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
01-May-2012 05:00	9.1	39			2			10													
30-Apr-2012 18:00	9.3	40		38	2	5	20	10	6.7	93.3	0	0.3	3.2	59000			30/25	20/25/			
BIT INFORMATION									BIT RUN			REPORT			GRADING						
No/Run	Make	Model	IADC	Diam	Nozzles				Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16				6905	103.5	67	17	65								
1/1	SEC	FX6S5		11	16/16/16/16/16/16				1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS													BHA COMPONENTS								
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item			Len						
Incl	4,442	1.6	0.0	4,441	76	0	76	0.0	2	3	6.250	Drill Collar			88.42						
Incl	4,870	1.6	0.0	4,869	88	0	88	0.0	2	1	6.125	Drilling Jars - Hydraulic			32.38						
Incl	5,346	1.7	0.0	5,345	102	0	102	0.0	2	15	6.500	Drill Collar			447.35						
Incl	5,820	0.6	0.0	5,819	111	0	111	0.2	2	1	6.500	Stabilizer - Integral Blade			7.30						
Incl	6,295	0.1	0.0	6,294	114	0	114	0.1	2	1	6.500	Drill Collar			29.01						
Incl	6,764	0.4	0.0	6,763	116	0	116	0.1	2	1	6.500	Stabilizer - Integral Blade			7.31						
Incl	7,247	0.8	0.0	7,246	121	0	121	0.1	2	1	6.500	Flow Drift			4.28						
Incl	7,721	0.8	0.0	7,720	128	0	128	0.0	2	1	6.500	Mud Motor			30.28						
Incl	8,197	0.8	0.0	8,196	135	0	135	0.0													
Incl	8,632	1.8	0.0	8,630	144	0	144	0.2													
FORMATION TOPS					MUD LOG							Pore									
Target Form: MARTIN					Depth	Gas:Back	Max	Conn	Trip	Pres											
Form Name	Depth:Prog	Actual	Shows and Lithology:																		
RUSTLER	2,071																				
TANSIL	2,928																				
QUEEN	4,003																				
SAN ANDRES	4,782																				
CLEAR FORK	6,532																				

CHESAPEAKE OPERATING, INC.  
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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 9			Rig Release:			For 5:00 AM 02-May-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 9,400			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Surface - 1820			Hole Made: 675			Drill Hrs: 22.50		
Next Casing:			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 12			Daily Well Cost \$: 45,915		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 723,579		
Survey:			Avg ROP: 30.0					
Drig AFE \$: 1,316,900			Daily Mud \$: 18,962					
Cum Mud \$: 56,217								

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 11:30	6.50	8,929	Prod	Vert	Drill	DRIL	ROT. DRLG F / 8725' - 8929'= 204' @ 31.3 FPH, WOB 20 GPM-380.RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1350 PSI OFF BTM 1100 DIFF.= 250 PSI. 95 % RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		
11:30 12:00	0.50	8,929	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
12:00 12:30	0.50	8,929	Prod	Vert	Drill	RIG SERV	SERVICE RIG		
12:30 18:00	5.50	9,094	Prod	Vert	Drill	DRIL	ROT. DRLG F / 8929' - 9094'=165' @ 30 FPH, WOB 20 GPM-380.RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1350 PSI OFF BTM 1100 DIFF.= 250 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		
18:00 18:30	0.50	9,094	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
18:30 05:00	10.50	9,400	Prod	Vert	Drill	DRIL	ROT. DRLG F / 9094' - 9400'=306 @ 29 FPH, WOB 20 GPM-380.RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1800 PSI OFF BTM 1500 DIFF.= 3000 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		

MISCELLANEOUS DRILLING INFORMATION														HRS ROTATING				HRS SLIDING			
Flare:	Dur	An	P	Ht	HK Loads:			Rot	PU	SO					Daily	Cum	Daily	Cum			
817-917-								200	210	185					22.5	137.0					
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
02-May-2012 05:00	9.1	38						10													
01-May-2012 05:00	9.1	39			2			10													
01-May-2012 23:00	9.2	36		38	2	5	10	10	6	94		0.3	3.6	38000	4		20/15	10/15/			
BIT INFORMATION									BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull	
2/	HTC	Q605FX		7.88	16/16/16/16/16			7580	126	60	18	65									
1/1	SEC	FX65S		11	16/16/16/16/16/16			1760	11	160	30	130	1	1	CT	S	1	0		TD	
SURVEYS													BHA COMPONENTS								
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item		Len							
Incl	4,870	1.6	0.0	4,869	88	0	88	0.0	2	3	6.250	Drill Collar		88.42							
Incl	5,346	1.7	0.0	5,345	102	0	102	0.0	2	1	6.125	Drilling Jars - Hydraulic		32.38							
Incl	5,820	0.6	0.0	5,819	111	0	111	0.2	2	15	6.500	Drill Collar		447.35							
Incl	6,295	0.1	0.0	6,294	114	0	114	0.1	2	1	6.500	Stabilizer - Integral Blade		7.30							
Incl	6,764	0.4	0.0	6,763	116	0	116	0.1	2	1	6.500	Drill Collar		29.01							
Incl	7,247	0.8	0.0	7,246	121	0	121	0.1	2	1	6.500	Stabilizer - Integral Blade		7.31							
Incl	7,721	0.8	0.0	7,720	128	0	128	0.0	2	1	6.500	Flow Drift		4.28							
Incl	8,197	0.8	0.0	8,196	135	0	135	0.0	2	1	6.500	Mud Motor		30.28							
Incl	8,632	1.8	0.0	8,630	144	0	144	0.2													
Incl	9,117	1.5	0.0	9,115	158	0	158	0.1													
FORMATION TOPS				MUD LOG						Pore											
Target Form: MARTIN				Depth	Gas:Back	Max	Conn	Trip	Pres												
Form Name		Depth:Prog	Actual	Shows and Lithology:																	
RUSTLER		2,071																			
TANSIL		2,928																			
QUEEN		4,003																			
SAN ANDRES		4,782																			
CLEAR FORK		6,532																			

CHESAPEAKE OPERATING, INC.  
P.O. Box 18496  
Oklahoma City, Oklahoma 73154-0496  
405.848.8000  
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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 10			Rig Release:			For 5:00 AM 03-May-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 10,230			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Surface - 1820			Hole Made: 830			Drill Hrs: 22.50		
Next Casing:			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 13			Daily Well Cost \$: 35,047		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 758,926		
Avg ROP: 36.9			Drig AFE \$: 1,316,900					
Daily Mud \$: 8,615			Cum Mud \$: 64,832					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 07:00	2.00	9,497	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 9400' - 9497'=97 @ 48.5 FPH, WOB 20 GPM-380,RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1800 PSI OFF BTM 1500 DIFF.= 3000 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		
07:00 07:30	0.50	9,497	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
07:30 12:00	4.50	9,614	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 9497' - 9614'=117 @ 26 FPH, WOB 20 GPM-380,RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1800 PSI OFF BTM 1500 DIFF.= 3000 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		
12:00 12:30	0.50	9,614	Prod	Vert	Drill	RIG SERV	SERVICE RIG		
12:30 01:30	13.00	10,099	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 9497' - 10099'= 602@ 46.3FPH, WOB 20 GPM-380,RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1900 PSI OFF BTM 1600 DIFF.= 3000 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		
01:30 02:00	0.50	10,099	Prod	Vert	Drill	CIRC	GET SLOW PUMP RATES		
02:00 05:00	3.00	10,230	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 10099' - 10230'= 131@ 43FPH, WOB 20 GPM-380,RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1900 PSI OFF BTM 1600 DIFF.= 3000 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLS HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING				HRS SLIDING			
Flare:	Dur	An P	Ht	HK Loads:			Rot	PU	SO					Daily	Cum	Daily	Cum			
817-917-							213	221	204					22.5	159.5					
MUD REPORTS																				
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels		
02-May-2012 05:00	9.1	38						10												
03-May-2012 05:00	9.2	45						10.5												
02-May-2012 19:00	9.3	37		38	2	5	8	10	6.7	93.3		0.3	3.9	45000	4		18/13	8/16/		
BIT INFORMATION									BIT RUN		REPORT			GRADING						
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16			8410	148.5	57	19	65								
1/1	SEC	FX65S		11	16/16/16/16/16/16			1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS													BHA COMPONENTS							
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item			Len					
Incl	5,820	0.6	0.0	5,819	111	0	111	0.2	2	3	6.250	Drill Collar			88.42					
Incl	6,295	0.1	0.0	6,294	114	0	114	0.1	2	1	6.125	Drilling Jars - Hydraulic			32.38					
Incl	6,764	0.4	0.0	6,763	116	0	116	0.1	2	15	6.500	Drill Collar			447.35					
Incl	7,247	0.8	0.0	7,246	121	0	121	0.1	2	1	6.500	Stabilizer - Integral Blade			7.30					
Incl	7,721	0.8	0.0	7,720	128	0	128	0.0	2	1	6.500	Drill Collar			29.01					
Incl	8,197	0.8	0.0	8,196	135	0	135	0.0	2	1	6.500	Stabilizer - Integral Blade			7.31					
Incl	8,632	1.8	0.0	8,630	144	0	144	0.2	2	1	6.500	Flow Drift			4.28					
Incl	9,117	1.5	0.0	9,115	158	0	158	0.1	2	1	6.500	Mud Motor			30.28					
Incl	9,614	0.6	0.0	9,612	168	0	168	0.2												
Incl	10,100	0.9	0.0	10,098	174	0	174	0.1												
FORMATION TOPS				MUD LOG						Pore										
Target Form: MARTIN				Depth	Gas:Back	Max	Conn	Trip	Pres											
Form Name		Depth:Prog	Actual	Shows and Lithology:																
RUSTLER		2,071																		
TANSIL		2,928																		
QUEEN		4,003																		
SAN ANDRES		4,782																		
CLEAR FORK		6,532																		

CHESAPEAKE OPERATING, INC.  
P.O. Box 18496  
Oklahoma City, Oklahoma 73154-0496  
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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 11			Rig Release:			For 5:00 AM 04-May-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 10,265			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Production - 10265			Hole Made: 35			Drill Hrs: 1.50		
Next Casing:			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 14			Daily Well Cost \$: 64,348		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 823,274		
Survey:			Avg ROP: 23.3					
			Drig AFE \$: 1,316,900					
			Daily Mud \$: 7,961					
			Cum Mud \$: 72,793					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 06:30	1.50	10,265	Prod	Vert	Drill	DRIL	ROT. DRLG F/ 10230' - 10265'=35@ 23FPH, WOB 20 GPM-380,RPM @ MTR.65, & ROT 70= TOT. RPM 135, PSI ON BTM 1900 PSI OFF BTM 1600 DIFF.= 3000 PSI. 100% RETURNS TOTAL RETURNS / PUMP 40 BBLs HI VIS PILLS W 6 PPB LCM EVERY CONNECTION, HAVE 6 PPB LCM TRHU SYSTEM SHAKER BYPASSED.		
06:30 10:00	3.50	10,265	Comp	Comp	Csg	CIRC	PUMP 3 80 BBL HI-VIS SWEEP'S & CIRC OUT (HOLE IS CLEAN)		
10:00 14:30	4.50	10,265	Comp	Comp	Csg	WIPE	MAKE 30 STD WIPER TRIP F/10265' TO 8347' ( TIGHT F/ 8743'-8443' 40K MAX OVERPULL )		
14:30 18:30	4.00	10,265	Comp	Comp	Csg	CIRC	PUMP 3- 80 BBL HI-VIS SWEEP & CIRC OUT.SPOT 150 BBL OF 20PPB LCM PILL ON BTM, SLUG DP,SAFETY MEETING & RIG UP L/DOWN MACHINE & SERVICE RIG		
18:30 05:30	11.00	10,265	Comp	Comp	Csg	LDDS	LAY DOWN DRILL PIPE F/ 10265' -644'		

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING			HRS SLIDING				
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO			Daily	Cum	Daily	Cum						
817-917-						205	215	185			1.5	161.0								
MUD REPORTS																				
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels		
03-May-2012 19:00	9.3	37		38	2	5	8	10	6.7	93.3	0	0.3	3.7	49000	4		18/13	8/16/		
03-May-2012 05:00	9.2	45						10.5												
BIT INFORMATION								BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles			Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16			8445	150	56	19	65								
1/1	SEC	FX65S		11	16/16/16/16/16/16			1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS												BHA COMPONENTS								
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item		Len						
Incl	5,820	0.6	0.0						2	3	6.250	Drill Collar		88.42						
Incl	6,295	0.1	0.0						2	1	6.125	Drilling Jars - Hydraulic		32.38						
Incl	6,764	0.4	0.0						2	15	6.500	Drill Collar		447.35						
Incl	7,247	0.8	0.0						2	1	6.500	Stabilizer - Integral Blade		7.30						
Incl	7,721	0.8	0.0						2	1	6.500	Drill Collar		29.01						
Incl	8,197	0.8	0.0						2	1	6.500	Stabilizer - Integral Blade		7.31						
Incl	8,632	1.8	0.0						2	1	6.500	Flow Drift		4.28						
Incl	9,117	1.5	0.0						2	1	6.500	Mud Motor		30.28						
Incl	9,614	0.6	0.0																	
Incl	10,100	0.9	0.0																	
FORMATION TOPS				MUD LOG						Pore										
Target Form: MARTIN				Depth	Gas:Back	Max	Conn	Trip	Pres											
Form Name	Depth:Prog	Actual	Shows and Lithology:																	
RUSTLER	2,071																			
TANSIL	2,928																			
QUEEN	4,003																			
SAN ANDRES	4,782																			
CLEAR FORK	6,532																			

CHESAPEAKE OPERATING, INC.  
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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 12			Rig Release:			For 5:00 AM 05-May-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 10,265			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Production - 10265			Hole Made: 0			Drill Hrs: 0		
Next Casing:			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 15			Daily Well Cost \$: 238,383		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 1,078,430		
Survey:			Avg ROP: 0					
			Drig AFE \$: 1,316,900					
			Daily Mud \$:					
			Cum Mud \$: 72,793					

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 08:00	3.00	10,265	Comp	Comp	Csg	LDBHA	BREAK KELLY & LAY DOWN BHA F/644'-0'		
08:00 09:30	1.50	10,265	Comp	Comp	Csg	BOPO	CLEAR FLOOR & REMOVE WEAR BUSHING		
09:30 11:00	1.50	10,265	Comp	Comp	Csg	RURD	SAFETY MTG. W/ CANYON,LD MACHINE,CSG,TORQUE TURN CREWS, & WEATHERFORD HAND, R/UP & RUN CASING		
11:00 20:00	9.00	10,265	Comp	Comp	Csg	CASE	M/UP 2 JT SHOE TRACK & RUN 243 JTS OF 5.5 # 17 L80 SET @ 10265' FILL UP EVERY 30 JTS		
20:00 21:30	1.50	10,265	Comp	Comp	Csg	CIRCULATE	CIRCULATE 1.5 BOTTOMS UP / FULL RETURNS & R/DOWN CSG,LD,& TORQUE CREWS		
21:30 00:00	2.50	10,265	Comp	Comp	Csg	WOE	CIRC W/RIG & WAIT ON O-TEX CMT TRUCKS & CMT		
00:00 01:00	1.00	10,265	Comp	Comp	Csg	RURD	SAFETY MEETING & R/UP CEMENTERS & SPOT 150BBL'S OF 20PPB LCM ON BTM		
01:00 03:00	2.00	10,265	Comp	Comp	Csg	CMTF	CMT 1rth STAGE W/ 50 BBL'S SPACER,CMT W/100 SX + ADDITIVES LEAD,500SX + ADDITIVES, TAIL DISPLACE W/237 BBL'S, BUMP PLUG W/ 500 OVER, BLEED BACK 1.5 BBL FLOATS HOLDING,FULL RETURNS THRU JOB DROP OPENING BOMB AND OPEN DV TOOL WITH 982 PSI, CIRCULATE WITH RIG PUMP @ 6 BBL'S/MIN W/ FULL RETURNS		
03:00 05:00	2.00	10,265	Comp	Comp	Csg	WOC			

MISCELLANEOUS DRILLING INFORMATION													HRS ROTATING				HRS SLIDING				
Flare:	Dur	An P	Ht	Hk Loads:			Rot	PU	SO					Daily	Cum	Daily	Cum				
817-917-													161.0								
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
04-May-2012 05:00	9.3	37						10													
BIT INFORMATION									BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles				Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16				8445	150	56	19	65	0	1	NO	A	0	1		TD
1/1	SEC	FX6SS		11	16/16/16/16/16/16				1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS													BHA COMPONENTS								
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str	Qty	O.D.	Item				Len					
Incl	5,820	0.6	0.0						2	3	6.250	Drill Collar				88.42					
Incl	6,295	0.1	0.0						2	1	6.125	Drilling Jars - Hydraulic				32.38					
Incl	6,764	0.4	0.0						2	15	6.500	Drill Collar				447.35					
Incl	7,247	0.8	0.0						2	1	6.500	Stabilizer - Integral Blade				7.30					
Incl	7,721	0.8	0.0						2	1	6.500	Drill Collar				29.01					
Incl	8,197	0.8	0.0						2	1	6.500	Stabilizer - Integral Blade				7.31					
Incl	8,632	1.8	0.0						2	1	6.500	Flow Drift				4.28					
Incl	9,117	1.5	0.0						2	1	6.500	Mud Motor				30.28					
Incl	9,614	0.6	0.0																		
Incl	10,100	0.9	0.0																		
FORMATION TOPS				MUD LOG								Pore									
Target Form: MARTIN				Depth	Gas:Back		Max	Conn	Trip	Pres											
Form Name	Depth:Prog	Actual	Shows and Lithology:																		
RUSTLER	2,071																				
TANSIL	2,928																				
QUEEN	4,003																				
SAN ANDRES	4,782																				
CLEAR FORK	6,532																				

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Daily Drilling Report

Well ID: 641383

Field: MARTIN

Chesapeake Operating, Inc.

Well Name: UNIVERSITY 7-28 7

Sect: 0 Town: Rng: County: MARTIN State: TX

Drilling Days: 13			Rig Release:			For 5:00 AM 06-May-2012		
District: PERMIAN			Objective: Wolfcamp			Rig: Canyon 8		
Depth: 10,265			RKB/GL EL: 17 / 2922			Spud Date: 24-Apr-12		
Last Casing: Production - 10265			Hole Made: 0			Drill Hrs: 0		
Next Casing:			AFE No: 158011			Total AFE \$: 2,447,900		
BOP Tested: 04/25/2012			Report No: 16			Daily Well Cost \$: 90,451		
Projected TD: 11,130			Proj. Days: 13			Cum Well Cost \$: 1,168,881		

OPERATIONS SUMMARY									
From To	Dur	End MD	Hole Section	Interval	Activity	Code	Operations Description (From - To, Footage, ROP, % Returns, TFO)		
05:00 07:00	2.00	10,265	Comp	Comp	Csg	WOC	CIRCULATE WITH RIG PUMP @ 6 BPM W/ FULL RETURNS,CIRC 60BBL CMT TO RESERVE PIT		
07:00 09:30	2.50	10,265	Comp	Comp	Csg	CMTPT	SAFETY MEETING & CMT 2ND STAGE,PUMP 50 BBLs SPACER,CMT W/850 SX + ADDITIVES LEAD, 200 SX + ADDITIVES, TAIL,DISPLACE W/186 BBL,BUMP PLUG W/2721 PSI [1500 PSI OVER] BLEED BACK 1.5 BBL TOOL CLOSED,NO RETURNS THRU JOB		
09:30 10:30	1.00	10,265	Comp	Comp	Csg	RURD	RIG DOWN O-TEX ( CEMENTERS SHOWED UP @ 00:00AM 5/5/12 & LEFT @ 10:30 AM 5/5/12		
10:30 12:30	2.00	10,265	Comp	Comp	Csg	BOPND	SAFETY MEETING,NIPPLE DOWN BOP, SET SLIPS WITH 170,000		
12:30 14:00	1.50	10,265	Comp	Comp	Csg	BOPND	CUT OFF 5 1/2 CASING AND SET OUT BOP		
14:00 15:00	1.00	10,265	Comp	Comp	Csg	BOPO	MAKE FINAL CUT ON 5 1/2" CASING INSTALL 11" 5K X 7 1/16" 10K TBG SPOOL, TEST PACK OFFS TO 3500 (RELEASED CANYON 8@15:00PM 5/5/12 )		

MISCELLANEOUS DRILLING INFORMATION												HRS ROTATING			HRS SLIDING						
Flare:	Dur	An P	Ht	Hk Loads:		Rot	PU	SO				Daily	Cum	Daily	Cum						
817-917- ----												161.0									
MUD REPORTS																					
Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels			
05-May-2012 19:00	9.3	37		38	2	5	8	10	6.7	93.3	0	0.3	3.7	49000	4		18/13	8/16/			
BIT INFORMATION									BIT RUN		REPORT			GRADING							
No/Run	Make	Model	IADC	Diam	Nozzles				Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
2/	HTC	Q605FX		7.88	16/16/16/16/16				8445	150	56	19	65	0	1	NO	A	0	1		TD
1/1	SEC	FX6SS		11	16/16/16/16/16/16				1760	11	160	30	130	1	1	CT	S	1	0		TD
SURVEYS												BHA COMPONENTS									
TYPE	MD	INC	AZM	TVD	NS	EW	VS	DLS	Str			Qty	O.D.	Item			Len				
Incl	5,820	0.6	0.0						2			3	6.250	Drill Collar			88.42				
Incl	6,295	0.1	0.0						2			1	6.125	Drilling Jars - Hydraulic			32.38				
Incl	6,764	0.4	0.0						2			15	6.500	Drill Collar			447.35				
Incl	7,247	0.8	0.0						2			1	6.500	Stabilizer - Integral Blade			7.30				
Incl	7,721	0.8	0.0						2			1	6.500	Drill Collar			29.01				
Incl	8,197	0.8	0.0						2			1	6.500	Stabilizer - Integral Blade			7.31				
Incl	8,632	1.8	0.0						2			1	6.500	Flow Drift			4.28				
Incl	9,117	1.5	0.0						2			1	6.500	Mud Motor			30.28				
Incl	9,614	0.6	0.0																		
Incl	10,100	0.9	0.0																		
FORMATION TOPS				MUD LOG								Pore									
Target Form: MARTIN				Depth	Gas:Back		Max	Conn	Trip	Pres											
Form Name		Depth:Prog	Actual	Shows and Lithology:																	
RUSTLER		2,071																			
TANSIL		2,928																			
QUEEN		4,003																			
SAN ANDRES		4,782																			
CLEAR FORK		6,532																			



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Workover and Completion Report			Chesapeake Operating, Inc.		
Well ID: 641383			Well Name: UNIVERSITY 7-28 7		
Status: W/O COMPLETION			Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX		

AFE#	158011	API: 4231737219	Target Formation: WOLFBERRY SAND/SHALE	Spud Date:	4/24/2012
Job Type:	Initial Completion		Proposed Total Depth: 11,130	Rig Release Date:	5/5/2012
Project Description:	Wolfberry Completion			First Gas Sales Date:	

Date	Day	Total Depth	Daily Cost	Cum Cost
5/14/2012	1	10,265	\$96,400	\$1,278,970

Present Operation:  
SET RIG MATS & RUPU. NU & TEST BOP. UNLOAD TBG & RIH W/ BHA

Work Details:  
SAFETY MTG. BLADE LOCATION & SET ANCHORS. SET RIG MATS & RU LIBERTY PUMP COMPLETION RIG. ND 10K CAP FLANGE & NU XO SPOOL & 5K HYDRAULIC BOP & TEST/CHART BOP PIPE & BLIND RAMS TO 250/5,000 PSI. SET REV DRLG EQUIP, CATWALK & PIPE RACKS & RACK/TALLY 318 JTS 2 7/8" 6.5# L-80 EUE 8RD TBG. RIH W/ 4-3/4" SKIRTED BIT + 6 - 3-1/2" DC'S + XO ON 25 JTS TBG W/ BIT SWINGING @ 1000'. SWI & SDON.

Planned Activity:  
RIH W/ BHA & DRILL OUT DV TOOL & FC + 50' OF RATHOLE

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: W/O COMPLETION

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX

AFE#158011

API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date:4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date:5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
5/15/2012	2	10,265	\$11,250	\$1,290,220

Present Operation:

DRILL DV TOOL & TEST. DRILL FC + 50' OF RATHOLE & CIRC WELL W/ 2% KCL

Work Details:

SAFETY MTG. RIH W/ BHA & TAG DV TOOL @ 8011'. PU SWIVEL, NU STRIPPER, EST REV CIRC & DRILL OUT DV TOOL & CIRC CLEAN. PRESS CSG/DV TOOL TO 1000 PSI F/ 10" OK. RIH W/ BHA & DRILL OUT FC @ 10,195' + 50' OF RATHOLE TO 10,245' PBTD TBG TALLY & CIRC CLEAN. DISPLACE WELL 240 BBLS 2% KCL WATER & POH & LD 22 JTS TBG W/ BIT SWINGING @ 9569'. SIW & SDON.

Planned Activity:

LD TBG & BHA. ND BOP & NU CAP FLANGE & RDPU.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: W/O COMPLETION

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX

AFE#158011

API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date:4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date:5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
5/16/2012	3	10,265	\$7,850	\$1,298,070

Present Operation:  
LD TBG & BHA. ND BOP, NU CAP FLANGE & RDPU.

Work Details:  
SAFETY MTG. POH & LD TBG & BHA. LOAD CSG W/ 2% KCL WATER. ND BOP & XO SPOOL & NU 10K CAP FLANGE & RDPU. SUSPEND WELL PENDING LOG & FRAC.

Planned Activity:  
SUSPEND WELL PENDING LOGGING & FRAC.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: W/O COMPLETION

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX

AFE#158011

API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date:4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date:5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
5/29/2012	4	10,265	\$9,430	\$1,317,561

Present Operation:  
RUN CNL/CBL LOGS.

Work Details:  
SAFETY MEETING. MIRU CHS WIRELINE. RIH WITH CNL/CBL/GR/CCL LOGGING TOOLS. TAG AT 10,245'. LOG CNL TO 6,000'. LOG CBL TO 4,000' WITH 1,000 PSI ON WELL. TOC @ 4,250'. LOG GR TO SURFACE. RDMO CHS WIRELINE. SUSPEND WELL WAITING ON FRAC.

Planned Activity:  
SUSPEND WELL WAITING ON FRAC.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: W/O COMPLETION

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX

AFE#158011

API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date:4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date:5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
6/29/2012	5	10,265	\$13,550	\$1,440,316

Present Operation:  
NU & TEST FRAC STACK

Work Details:  
SAFETY MTG. ND 7-1/16" 10K CAP FLANGE & NU 7-1/16" 10K MASTER VALVE. SET TEST PLUG & TEST MASTER VALVE TO 250/10,000 PSI OK & PULL TEST PLUG. NU 7-1/16" 10K FRAC STACK & FRAC HEAD & TEST TO 250/10,000 PSI OK. SWI & SDON.

Planned Activity:  
PERF STAGE 1 WOLFCAMP SHALE

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: W/O COMPLETION

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX

AFE#158011

API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date:4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date:5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
7/2/2012	6	10,265	\$10,183	\$1,450,499

Present Operation:  
PERF STAGE 1 WOLFCAMP SHALE

Work Details:  
SAFETY MTG. RU CASEDHOLE SOLUTIONS WIRELINE & RIH W/ CCL & 3 1/8" SLICKGUNS LOADED W/ 6 SPF, 60 DEG PHASING, .420 EHD, 22.7 GR CHARGES. CORRELATE TO CHS CNL/GR/CCL LOG DATED 5/29/12 & PERF STAGE 1, WOLFCAMP SHALE, (10023' - 10025'), (10,059' - 10,061'), (10,100' - 10,102') & (10,148' - 10,150'), 8', 48 TOTAL SHOTS. POOH & VERIFY ALL SHOTS FIRED & RD CHS WIRELINE TRUCK. SWI & SDON

Planned Activity:  
SUSPEND W/O FRAC

Perforations Stage 1			
WOLFCAMP SHALE	10023 - 10025	6 SPF	12 Shots
WOLFCAMP SHALE	10059 - 10061	6 SPF	12 Shots
WOLFCAMP SHALE	10100 - 10102	6 SPF	12 Shots
WOLFCAMP SHALE	10148 - 10150	6 SPF	12 Shots

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Workover and Completion Report			Chesapeake Operating, Inc.		
Well ID: 641383			Well Name: UNIVERSITY 7-28 7		
Status: COMPLETING			Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX		

AFE#	158011	API: 4231737219	Target Formation: WOLFBERRY SAND/SHALE	Spud Date:	4/24/2012
Job Type:	Initial Completion		Proposed Total Depth: 11,130	Rig Release Date:	5/5/2012
Project Description:	Wolfberry Completion			First Gas Sales Date:	

Date	Day	Total Depth	Daily Cost	Cum Cost
7/18/2012	7	10,265	\$5,300	\$1,379,287

**Present Operation:**  
SPOT TRICAN FRAC EQUIPMENT.

**Work Details:**  
SAFETY MEETING. SPOT IN TRICAN FRAC EQUIPMENT, CHS WIRELINE, AND MULTICHEM. PREP TO FRAC.

**Planned Activity:**  
RU TRICAN FRAC EQUIPMENT. PREP FOR FRAC ON 7/20/2012.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

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Page: 3 of 3

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date: 4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
7/19/2012	8	10,265	\$5,300	\$1,384,587

### Present Operation:

RU TRICAN. LOAD AND TEST PUMP AND LINES.

### Work Details:

SAFETY MEETING. RU TRICAN FRAC EQUIPMENT. LOAD AND TEST LINES TO 7,200 PSI-OK. SET POP-OFF TO RELEASE PRESSURE @ 6,700 PSI. CWI AND SDFN.

### Planned Activity:

START STAGE FRAC.

### Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:		Water Prod:
			Cum Water Recovered:
			Water Left To Recover:



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Page: 3 of 3

**Workover and Completion Report****Chesapeake Operating, Inc.****Well ID: 641383****Well Name: UNIVERSITY 7-28 7****Status: COMPLETING****Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX****AFE# 158011 API: 4231737219****Target Formation: WOLFBERRY SAND/SHALE****Spud Date: 4/24/2012****Job Type: Initial Completion****Proposed Total Depth: 11,130****Rig Release Date: 5/5/2012****Project Description: Wolfberry Completion****First Gas Sales Date:**

Date	Day	Total Depth	Daily Cost	Cum Cost
7/20/2012	9	10,265	\$5,300	\$1,389,887

**Present Operation:**

FRAC STAGE 1 WOLFCAMP SHALE.

**Work Details:**

SICP: 490 PSI

SAFETY MEETING. OPEN WELL AND FRAC STAGE 1 WOLFCAMP SHALE FROM 10,023' TO 10,150' AS DESIGNED.

RIH WITH 5 1/2" 10K CBP AND 3 1/8" SLICKGUNS LOADED WITH 3 SPF, 120 DEG PHASING, AND 22.7 GR CHARGES. SET CBP @ 9,994' AND PERF STAGE 2 WOLFCAMP 9,816' TO 9,964' O.A. 14' WITH 42 HOLES.

ATTEMPT TO FRAC STAGE 2 WOLFCAMP FROM 9,816' TO 9,964'. GEL STARTING SHEARING AND BREAKING DOWN OVER 30 BPM. CHECK PH ON ALL TANKS. BUCKET TEST ALL CHEMICAL PUMPS-OK. GEL TEST EACH INDIVIDUAL FRAC TANK. (10- TANKS). RULE OUT ANY POSSIBLE DAMAGE TO FRAC FLUID. STILL COULD NOT GET FLUID TO HOLD UP PAST 30 BPM. TRICAN FLUID TECH/CHEMIST EN-ROUTE FROM CORPUS CHRISTI TO CHECK FLUID SYSTEM. CWI AND SDFN.

**Planned Activity:**

CHECK FLUID SYSTEM. ATTEMPT TO CONTINUE STAGE FRAC.

Stimulations Stage 1					
Type: Crosslink Frac		Zone: WOLFCAMP SHALE		Stim/Treat Company: Trican	
Pre-Treat SIP:	Pre-Treat SICP:	Pre Job ISIP: 492	Pre Job ISIP: 492	Avg Treat Rate: 60.00	Post Job ISIP: 2687
Pre Job Frac Grad:	Post Job Frac Grad: 0.69	Prop Designed: 86000	Prop In Formation: 86760	Min Treat Rate: 11.00	Max Treat Rate: 83.00
Breakdown Rate: 11	Breakdown Pres: 5389	Min Treat Pres: 492	Max Treat Pres: 5497	5 Min SIP:	10 Min SIP:
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:	Avg Gas Rate:	Min Gas Rate:	Max Gas Rate:
Tech Rslt Dtl:	Tech Rslt Notes:		Tagged with RA: Yes		RA Type:
Comment:					

Proppant Summary		
20/40	Super LC	21,460
30/50	White Sand	65,300
<b>Proppant Total</b>		86,760
<b>Max Concentration</b>		3.00
Fluid Summary		
15# Linear Gel	231.0	
15# X-Link Gel	1,718.0	
15% HCl	95.0	
<b>Fluid Total</b>	2,044.0	

Perforations Stage 2			
WOLFCAMP	9816 - 9818	3 SPF	6 Shots
WOLFCAMP	9868 - 9870	3 SPF	6 Shots
WOLFCAMP	9892 - 9894	3 SPF	6 Shots
WOLFCAMP	9907 - 9909	3 SPF	6 Shots
WOLFCAMP	9935 - 9937	3 SPF	6 Shots
WOLFCAMP	9948 - 9950	3 SPF	6 Shots
WOLFCAMP	9962 - 9964	3 SPF	6 Shots

Liquids, Pressures, and Volumes			
<b>Hrs Prod:</b>	<b>Choke:</b>	<b>SITP:</b>	<b>SICP:</b>
<b>LP:</b>	<b>FTP:</b>	<b>FCP:</b>	<b>FL:</b>
<b>Gas Prod (mcf):</b>	<b>Oil Prod:</b>	<b>Water Prod:</b>	
		<b>Cum Water Recovered:</b>	
		<b>Water Left To Recover:</b>	

Print Date: 07/21/2012

Print Time: 9:15:43 AM

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Page: 3 of 3

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219 Target Formation: WOLFBERRY SAND/SHALE Spud Date: 4/24/2012

Job Type: Initial Completion Proposed Total Depth: 11,130 Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
7/21/2012	10	10,265	\$5,300	\$1,395,187

### Present Operation:

NO ACTIVITY

### Work Details:

NO ACTIVITY-TRICAN FLUID TECH/CHEMIST DID NOT ARRIVE IN MIDLAND UNTIL 6 P.M.

### Planned Activity:

ATTEMPT TO CONTINUE STAGE FRAC

## Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:		Water Prod:
			Cum Water Recovered:
			Water Left To Recover:



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Workover and Completion Report			Chesapeake Operating, Inc.		
Well ID: 641383			Well Name: UNIVERSITY 7-28 7		
Status: COMPLETING			Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX		

<b>AFE#</b>	158011	<b>API: 4231737219</b>	<b>Target Formation:</b> WOLFBERRY SAND/SHALE	<b>Spud Date:</b>	4/24/2012
<b>Job Type:</b>	Initial Completion		<b>Proposed Total Depth:</b> 11,130	<b>Rig Release Date:</b>	5/5/2012
<b>Project Description:</b>	Wolfberry Completion			<b>First Gas Sales Date:</b>	

Date	Day	Total Depth	Daily Cost	Cum Cost
7/23/2012	12	10,265	\$5,300	\$1,405,787

Present Operation:  
FISH WL TOOLS. ATTEMPT TO FRAC.

Work Details:  
CONTINUE OUT OF HOLE WITH 4 3/8" OVERSHOT WITH 3 1/8" GRAPPLE. RIH WITH 4 3/8' OVERSHOT WITH 3 3/32" SPIRAL GRAPPLE, 4 3/8" EXTENSION, AND FESCO BHA ON 7/32" BRAIDED LINE. LATCH ONTO FISH AT 9,743'. JAR ON FISH 8-TIMES AND JAR FISH FREE. POOH WITH FESCO BHA. 100% RECOVERY OF WL TOOLS.

ATTEMPT TO FRAC STAGE 3 DEAN FROM 9,603' TO 9,740'. MAX OBTAINABLE RATE WAS 50 BPM. TRICAN CLAIMS BAD HYDRATION UNIT. MIRU REPLACEMENT HYDRATION UNIT. ATTEMPT TO FRAC STAGE 3 DEAN WITH SAME RESULTS. 50 BPM MAX RATE. TRICAN RECONFIGURED HOSES ON FRAC TANKS. ATTEMPT THIRD TIME TO FRAC STAGE 3 DEAN FROM 9,603' TO 9,740. OBTAINED TREATING RATE OF 79 BPM. STARTED LOSING WATER TO HYDRATION UNIT ON 2 PPG SAND. CUT SAND AND GO TO FLUSH.(30,670 LBS 30/50 WHITE SAND PUMPED.) CWI AND SDFN. (WAITING ON ADDITIONAL PERSONEL FROM TRICAN WHO POSSIBLY KNOW HOW TO RUN HYDRATION UNIT.)

Planned Activity:  
ATTEMPT TO CONTINUE FRAC.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	

**CHESAPEAKE OPERATING, INC.**

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Page: 4 of 4

**Workover and Completion Report****Chesapeake Operating, Inc.****Well ID: 641383****Well Name: UNIVERSITY 7-28 7****Status: COMPLETING****Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX**
**AFE#** 158011    **API: 4231737219**    **Target Formation:** WOLFBERRY SAND/SHALE    **Spud Date:** 4/24/2012

**Job Type:** Initial Completion    **Proposed Total Depth:** 11,130    **Rig Release Date:** 5/5/2012

**Project Description:** Wolfberry Completion    **First Gas Sales Date:**

Date	Day	Total Depth	Daily Cost	Cum Cost
7/24/2012	13	10,265	\$272,287	\$1,678,074

**Present Operation:**

FRAC STAGE 3.

**Work Details:**

SICP: 1,468 PSI

SAFETY MEETING. FRAC STAGE 3 DEAN FROM 9,603' TO 9,740' AS DESIGNED.

RIH WITH 5 1/2" 10K CBP &amp; 3 1/8" SLICKGUNS LOADED WITH 6 SPF, 60 DEG PHASING, AND 22.7 GR CHARGES. SET CBP @ 9,573' AND PERF STAGE 4 LWR SPRABERRY FROM 9,320' TO 9,543' O.A. 8' WITH 48 HOLES.

START FRAC ON STAGE 4 LWR SPRABERRY FROM 9,320' TO 9,543'. RAN LONG ON PAD DUE TO X-LINKER PUMP NOT WORKING. CUT SAND AND GO TO FLUSH WITH 16,000 LBS 30/50 WHITE PUMPED DUE TO LOSING X-LINK. ADJUST PH IN LAB SAMPLE'S. START BACK ON PAD. GEL STILL WOULD NOT X-LINK. RD TRICAN. RDMO CHS WIRELINE AND MULTICHEM. CWI AND SDFN.

**Planned Activity:**

NO ACTIVITY-PREP FOR 7/30/12 FRAC.

**Stimulations Stage 3**

Type: Crosslink Frac	Zone: DEAN		Stim/Treat Company: Trican		
Pre-Treat SIP:	Pre-Treat SICP:	Pre Job ISIP: 1075	Pre Job ISIP: 1075	Avg Treat Rate: 71.00	Post Job ISIP: 2776
Pre Job Frac Grad:	Post Job Frac Grad: 0.70	Prop Designed: 131000	Prop In Formation: 131000	Min Treat Rate: 10.00	Max Treat Rate: 81.00
Breakdown Rate: 10	Breakdown Pres: 2665	Min Treat Pres: 1075	Max Treat Pres: 6036	5 Min SIP:	10 Min SIP:
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:	Avg Gas Rate:	Min Gas Rate:	Max Gas Rate:
Tech Rslt Dtl:	Tech Rslt Notes:			Tagged with RA: Yes	RA Type:

Comment:

Proppant Summary		
20/40	Super LC	21,000
30/50	White Sand	110,000
<b>Proppant Total</b>		131,000
<b>Max Concentration</b>		3.00
Fluid Summary		
15% HCl		48.0
20# Linear Gel		221.0
20# X Link Gel		2,114.0
<b>Fluid Total</b>		2,383.0

**Perforations Stage 4**

SPRABERRY LWR	9320 - 9322	6 SPF	12 Shots
SPRABERRY LWR	9426 - 9428	6 SPF	12 Shots
SPRABERRY LWR	9484 - 9486	6 SPF	12 Shots
SPRABERRY LWR	9541 - 9543	6 SPF	12 Shots

**Liquids, Pressures, and Volumes**

<b>Hrs Prod:</b>	<b>Choke:</b>	<b>SITP:</b>	<b>SICP:</b>
<b>LP:</b>	<b>FTP:</b>	<b>FCP:</b>	<b>FL:</b>
<b>Gas Prod (mcf):</b>	<b>Oil Prod:</b>	<b>Water Prod:</b>	
		<b>Cum Water Recovered:</b>	
		<b>Water Left To Recover: 9,869</b>	

Print Date: 07/25/2012

Print Time: 9:13:51 AM

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Page: 5 of 5

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date: 4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
7/25/2012	14	10,265	\$5,300	\$1,683,374

### Present Operation:

MOVE OUT TRICAN

### Work Details:

SAFETY MEETING. MOVE OUT TRICAN FRAC EQUIPMENT.

### Planned Activity:

NO ACTIVITY-PREP FOR 7/30/12 FRAC

## Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:		Water Prod:
			Cum Water Recovered:
			Water Left To Recover: 9,869

CHESAPEAKE OPERATING, INC.  
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Workover and Completion Report			Chesapeake Operating, Inc.		
Well ID: 641383			Well Name: UNIVERSITY 7-28 7		
Status: COMPLETING			Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN,TX		

AFE#	158011	API: 4231737219	Target Formation: WOLFBERRY SAND/SHALE	Spud Date:	4/24/2012
Job Type:	Initial Completion		Proposed Total Depth: 11,130	Rig Release Date:	5/5/2012
Project Description:	Wolfberry Completion			First Gas Sales Date:	

Date	Day	Total Depth	Daily Cost	Cum Cost
7/29/2012	18	10,265	\$5,300	\$1,704,574

**Present Operation:**  
MIRU SANJEL FRAC EQUIPMENT

**Work Details:**  
SAFETY MEETING. MIRU SANJEL FRAC EQUIPMENT. PREP TO FINISH STAGE FRAC.

**Planned Activity:**  
FRAC STAGES 4 TO 8.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover: 9,869	

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Page: 3 of 5

**Workover and Completion Report****Chesapeake Operating, Inc.****Well ID: 641383****Well Name: UNIVERSITY 7-28 7****Status: COMPLETING****Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX**
**AFE#** 158011 **API: 4231737219** **Target Formation:** WOLFBERRY SAND/SHALE **Spud Date:** 4/24/2012

**Job Type:** Initial Completion **Proposed Total Depth:** 11,130 **Rig Release Date:** 5/5/2012

**Project Description:** Wolfberry Completion **First Gas Sales Date:**

Date	Day	Total Depth	Daily Cost	Cum Cost
7/30/2012	19	10,265	\$369,823	\$2,074,397

**Present Operation:**

FRAC STAGES 5 TO 8.

**Work Details:**

SICP: 469 PSI

SAFETY MEETING. TEST LINES TO 6,700 PSI. SET POP-OFF FOR 6,300 PSI. ATTEMPT TO FRAC STAGE 4 LWR SPRABERRY FROM 9,320' TO 9,543'. STARTED OUT AT 15 BPM @ 5,984 PSI DOWN TO 3 BPM @ 6,000 PSI. FLOWBACK 20 BBLs AND ATTEMPT TO PUMP INTO STAGE 4 PERFS. PUMP 7 BBLs AND PRESSURE INCREASED TO 6,000 PSI AT 1 BPM.

RIH WITH 3 1/8" SLICKGUNS LOADED WITH 3 SPF, 120 DEG PHASING, AND 22.7 GR CHARGES. PERF STAGE 5 LWR SPRABERRY FROM 8,863' TO 9,182' O.A. 14' WITH 42 HOLES.

FRAC STAGE 5 LWR SPRABERRY FROM 8,863' TO 9,182' AS DESIGNED.

RIH WITH 5 1/2" 10K CBP AND 3 1/8" SLICKGUNS LOADED WITH 6 SPF, 60 DEG PHASING, AND 22.7 GR CHARGES. SET CBP @ 8,830' AND PERF STAGE 6 UPR SPRABERRY FROM 8,654' TO 8,796' O.A. 8' WITH 48 HOLES.

FRAC STAGE 6 UPR SPRABERRY FROM 8,654' TO 8,796' AS DESIGNED.

RIH WITH 5 1/2" 10K CBP AND 3 1/8" SLICKGUNS LOADED WITH 4 SPF, 90 DEG PHASING, AND 22.7 GR CHARGES. SET CBP @ 8,628' AND PERF STAGE 7 UPR SPRABERRY FROM 8,325' TO 8,602' O.A. 12' WITH 48 HOLES.

FRAC STAGE 7 UPR SPRABERRY FROM 8,325' TO 8,602' AS DESIGNED.

RIH WITH 5 1/2" 10K CBP AND 3 1/8" SLICKGUNS LOADED WITH 6 SPF 60 DEG PHASING, 4 SPF 90 DEG PHASING, AND 22.7 GR CHARGES. SET CBP @ 8,292' AND PERF STAGE 8 CLEARFORK FROM 7,996' TO 8,258' O.A. 10' WITH 48 HOLES.

FRAC STAGE 8 CLEARFORK FROM 7,996' TO 8,258' AS DESIGNED.

SET 5 1/2" 10K CAP-PLUG @ 7,950' AND BLEED WELL TO 0 PSI. RDMO CHS WIRELINE AND MULTICHEM. RD SANJEL FRAC EQUIPMENT. CWI AND SDFN.

**Planned Activity:**

ND FRAC STACK. C/O WELLHEAD. NU BOPE.

Perforations Stage 5			
SPRABERRY LWR	8863 - 8865	3 SPF	6 Shots
SPRABERRY LWR	8962 - 8964	3 SPF	6 Shots
SPRABERRY LWR	9032 - 9034	3 SPF	6 Shots
SPRABERRY LWR	9082 - 9084	3 SPF	6 Shots
SPRABERRY LWR	9096 - 9100	3 SPF	12 Shots
SPRABERRY LWR	9180 - 9182	3 SPF	6 Shots

Stimulations Stage 5					
Type: Crosslink Frac		Zone: SPRABERRY LWR		Stim/Treat Company: Sanjel	
Pre-Treat SIP:	Pre-Treat SICP:	Pre Job ISIP: 469	Pre Job ISIP: 469	Avg Treat Rate: 78.00	Post Job ISIP: 896
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 270000	Prop In Formation: 271381	Min Treat Rate: 11.00	Max Treat Rate: 85.00
Breakdown Rate: 11	Breakdown Pres: 984	Min Treat Pres: 469	Max Treat Pres: 3924	5 Min SIP:	10 Min SIP:
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:	Avg Gas Rate:	Min Gas Rate:	Max Gas Rate:
Tech Rslt Dtl:	Tech Rslt Notes:		Tagged with RA: Yes		RA Type:
Comment:					

Proppant Summary		
20/40	Super LC	20,000
30/50	White Sand	251,381
<b>Proppant Total</b>		271,381
<b>Max Concentration</b>		4.00
Fluid Summary		
15# Linear Gel		204.0
15# X-Link Gel		3,332.0
15% HCl		96.0
<b>Fluid Total</b>		3,632.0

Perforations Stage 6			
SPRABERRY UPR	8654 - 8656	6 SPF	12 Shots
SPRABERRY UPR	8698 - 8700	6 SPF	12 Shots
SPRABERRY UPR	8736 - 8738	6 SPF	12 Shots
SPRABERRY UPR	8794 - 8796	6 SPF	12 Shots

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**Stimulations Stage 6**

Type: Crosslink Frac	Zone: SPRABERRY UPR	Stim/Treat Company: Sanjel
Pre-Treat SIP:	Pre-Treat SICP:	Pre Job ISIP: 486
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 126000
Breakdown Rate: 6	Breakdown Pres: 568	Min Treat Pres: 486
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:
Tech Rslt Dtl:	Tech Rslt Notes:	Tagged with RA: Yes
Comment:		

Proppant Summary		
20/40	Super LC	21,000
30/50	White Sand	105,891
<b>Proppant Total</b>		126,891
<b>Max Concentration</b>		3.00
Fluid Summary		
15# Linear Gel		200.0
15# X-Link Gel		1,726.0
15% HCl		48.0
<b>Fluid Total</b>		1,974.0

**Perforations Stage 7**

SPRABERRY UPR	8325 - 8327	4 SPF	8 Shots
SPRABERRY UPR	8396 - 8398	4 SPF	8 Shots
SPRABERRY UPR	8432 - 8434	4 SPF	8 Shots
SPRABERRY UPR	8483 - 8485	4 SPF	8 Shots
SPRABERRY UPR	8554 - 8556	4 SPF	8 Shots
SPRABERRY UPR	8600 - 8602	4 SPF	8 Shots

**Stimulations Stage 7**

Type: Crosslink Frac	Zone: SPRABERRY UPR	Stim/Treat Company: Sanjel
Pre-Treat SIP:	Pre-Treat SICP:	Pre Job ISIP: 334
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 221000
Breakdown Rate: 6	Breakdown Pres: 483	Min Treat Pres: 334
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:
Tech Rslt Dtl:	Tech Rslt Notes:	Tagged with RA: Yes
Comment:		

Proppant Summary		
20/40	Super LC	19,904
30/50	White Sand	201,771
<b>Proppant Total</b>		221,675
<b>Max Concentration</b>		4.00
Fluid Summary		
15# Linear Gel		192.0
15# X-Link Gel		2,565.0
15% HCl		48.0
<b>Fluid Total</b>		2,805.0

**Perforations Stage 8**

CLEAR FORK	7996 - 7998	4 SPF	8 Shots
CLEAR FORK	8110 - 8112	4 SPF	8 Shots
CLEAR FORK	8166 - 8168	4 SPF	8 Shots
CLEAR FORK	8200 - 8202	6 SPF	12 Shots
CLEAR FORK	8256 - 8258	6 SPF	12 Shots

**Stimulations Stage 8**

Type: Crosslink Frac	Zone: CLEAR FORK	Stim/Treat Company: Sanjel
Pre-Treat SIP:	Pre-Treat SICP:	Pre Job ISIP: 408
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 216000
Breakdown Rate: 6	Breakdown Pres: 920	Min Treat Pres: 408
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:
Tech Rslt Dtl:	Tech Rslt Notes:	Tagged with RA: Yes
Comment:		

Proppant Summary		
20/40	Super LC	21,000
30/50	White Sand	195,253
<b>Proppant Total</b>		216,253
<b>Max Concentration</b>		3.00
Fluid Summary		
15# Linear Gel		188.0
15# X-Link Gel		3,025.0
15% HCl		32.0
<b>Fluid Total</b>		3,245.0

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Page: 3 of 3

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date: 4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
7/31/2012	20	10,265	\$16,450	\$2,090,847

### Present Operation:

ND FRAC STACK. C/O WELLHEAD. NU BOPE.

### Work Details:

SICP: 0 PSI

SAFETY MEETING. ND 7 1/16" 10K FRAC-STACK, FRAC-HEAD, AND 7 1/16" 10K WELLHEAD. NU 7 1/16" 5K WELLHEAD. TEST WELLHEAD TO 4,500 PSI-OK. NU 7 1/16" 5K BOP AND FLOW-CROSS. TEST AND CHART BOP PIPE/BLIND RAMS TO 250 PSI/5,000 PSI-OK. CWI AND SDFN.

### Planned Activity:

WAITING ON COMPLETION RIG.

### Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:		Water Prod:
			Cum Water Recovered:
			Water Left To Recover: 21,525

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Page: 4 of 4

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219 Target Formation: WOLFBERRY SAND/SHALE Spud Date: 4/24/2012

Job Type: Initial Completion Proposed Total Depth: 11,130 Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
8/1/2012	21	10,265	\$4,800	\$2,095,647

### Present Operation:

NO ACTIVITY

### Work Details:

NO ACTIVITY

### Planned Activity:

MIRU COMPLETION RIG. RIH WITH 4 3/4" BIT.

## Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover:	21,525

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Page: 3 of 3

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date: 4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
8/2/2012	22	10,265	\$13,300	\$2,108,947

### Present Operation:

RUPI. DRILL 1ST PLUG & TAG 2ND PLUG

### Work Details:

SAFETY MTG. SET RIG MATS & RU BASIC ENERGY SVCS COMPLETION UNIT. SET REV DRLG EQUIP, CATWALK & PIPE RACKS & RACK/TALLY 318 JTS 2-7/8" L-80 8RD TBG. SET FLOW BACK EQUIP & RU FLOW TESTER. RIH W/ 4-3/4" BIT + FLOAT SUB + 6 - 3-1/2" DC'S + XO ON 2-7/8" TBG & TAG CAP PLUG @ 7950' WL DEPTH (TBG TALLY = 7933'). PU SWIVEL, NU STRIPPER, LOAD TBG, EST CONV CIRC & DRILL OUT 1ST PLUG. RIH & WASH DOWN TO 2ND PLUG @ 8292' WL DEPTH (TBG TALLY = 8279') & CIRC CLEAN. LD SWIVEL & POH W/ BIT ABOVE PERFS @ 7833'. SIW & SDON

### Planned Activity:

CHECK F/ FILL & RUN PROD TBG

### Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:		Water Prod:
			Cum Water Recovered:
			Water Left To Recover: 21,525

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Page: 2 of 2

## Workover and Completion Report

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219

Target Formation: WOLFBERRY SAND/SHALE

Spud Date: 4/24/2012

Job Type: Initial Completion

Proposed Total Depth: 11,130

Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion

First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
8/3/2012	23	10,265	\$12,100	\$2,121,047

### Present Operation:

RIH & CHECK FOR FILL. LD GRACO BHA. RIH WITH PROD TBG.

### Work Details:

HELD SAFETY MEETING. RIH & TAGGED 2ND PLUG @ 8,279' TBG TALLY WITH NO FILL. POH ABOVE PERFS & KILLED WELL. CONTINUE OUT OF HOLE & LD GRACO BHA. DROPPED 6 BIOCIDES STICKS & FLUSHED WITH 80BBLs. RIH WITH 2-7/8" PURGE VALVE, 2---2-7/8" MUD ANCHORS, 3-1/2" DESANDER, 4' 2-7/8" SUB, 2-7/8" SN, 7 JTS 2-7/8" TBG, 2-7/8" X 5-1/2" TAC & 243 JTS OF 2-7/8" TBG. ND BOP & SET TAC WITH 15K IN TENSION. NU WELL HEAD & CONNECTIONS. REPLACED TBG LINE ON RIG. SWI & SDOW.

### Planned Activity:

NO ACTIVITY.

Tubing - Production	Top	Bottom
Tubing: 2.875 6.5 L-80 noThrd 243 Joints 7901.19	17'	7918.2'
Anchor/catcher: 5.5 noThrd 1 Joints 2.75	7918.2'	7920.9'
Tubing: 2.875 6.5 L-80 noThrd 7 Joints 228.02	7920.9'	8149'
Seat Nipple: Cup Type: 2.875 noThrd 1 Joints 1.1	8149'	8150.1'
Tubing Sub: 2.875 noThrd 1 Joints 4	8150.1'	8154.1'
Desander: 3.5 SPIRIT noThrd 1 Joints 19.71	8154.1'	8173.8'
Mud Anchor: 2.875 noThrd 2 Joints 65.11	8173.8'	8238.9'
Purge Valve: 2.875 noThrd 1 Joints 0.71	8238.9'	8239.6'

### Liquids, Pressures, and Volumes

Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:		Water Prod:
			Cum Water Recovered:
			Water Left To Recover: 21,525

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Page: 5 of 5

**Workover and Completion Report****Chesapeake Operating, Inc.**

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Status: COMPLETING

Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL &amp; 1980 FEL County: MARTIN, TX

AFE# 158011 API: 4231737219 Target Formation: WOLFBERRY SAND/SHALE Spud Date: 4/24/2012

Job Type: Initial Completion Proposed Total Depth: 11,130 Rig Release Date: 5/5/2012

Project Description: Wolfberry Completion First Gas Sales Date:

Date	Day	Total Depth	Daily Cost	Cum Cost
8/6/2012	26	10,265	\$77,800	\$2,201,047

**Present Operation:**

RUN PUMP &amp; RODS. UNABLE TO SEAT PUMP. POH W/ PUMP &amp; RODS.

**Work Details:**

SAFETY MTG. POUR 5 GALS CORROSION INHIBITOR DOWN TBG & RIH W/ PUMP & RODS AS FOLLOWS: 2-1/2" X 1-1/2" X 28' RHBC PUMP W/ 1-1/2" X 6' SAND SCREEN + 7/8" X 3' LIFT SUB W/ 3 MRG'S + 1 - 1-1/2" K-BAR + 3/4" X 26K SHEAR TOOL + 12 - 1-1/2" K-BARS + 53 - 7/8" KD RODS + 65 - 1" KD RODS + 127 - 1-1/4" FG RODS + 1 EA - 1-1/4" X 18' & 3' FG ROD SUBS + 1-1/2 X 26' PR W/ 1-3/4" X 16' PRL. PUMPED 50 BBW & ATTEMPTED TO LOAD TBG W/ NO SUCCESS. RE-SPACED PUMP & ATTEMPTED TO LOAD TBG AGAIN W/ NO SUCCESS. POH W/ RODS & PUMPED & FOUND SAND SCREEN BROKE OFF BTM OF PUMP. SIW & SDON. PREPARE TO PULL TBG TO RECOVER 6' SAND SCREEN & RUN PUMP OPEN ENDED.

**Planned Activity:**

PULL TBG TO RECOVER BROKEN SAND SCREEN IN SN. RE-RUN TBG &amp; RODS.

Liquids, Pressures, and Volumes			
Hrs Prod:	Choke:	SITP:	SICP:
LP:	FTP:	FCP:	FL:
Gas Prod (mcf):	Oil Prod:	Water Prod:	
		Cum Water Recovered:	
		Water Left To Recover: 21,525	

**CHESAPEAKE OPERATING, INC.**

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 Oklahoma City, Oklahoma 73154-0496  
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Page: 5 of 5

**Workover and Completion Report****Chesapeake Operating, Inc.****Well ID: 641383****Well Name: UNIVERSITY 7-28 7****Status: COMPLETING****Location: SEC 28, BLK 7, UNIVERSITY LANDS, 660 FNL & 1980 FEL County: MARTIN, TX**
**AFE#** 158011 **API: 4231737219** **Target Formation:** WOLFBERRY SAND/SHALE **Spud Date:** 4/24/2012

**Job Type:** Initial Completion **Proposed Total Depth:** 11,130 **Rig Release Date:** 5/5/2012

**Project Description:** Wolfberry Completion **First Gas Sales Date:**

Date	Day	Total Depth	Daily Cost	Cum Cost
8/7/2012	26	10,265	\$8,700	\$2,208,647

**Present Operation:**

PULL TBG &amp; RECOVER SAND SCREEN. RUN TBG &amp; RODS &amp; RDP. U.

**Work Details:**

SAFETY MTG. NDWH & RELEASED TAC. NU XO SPOOL & 5K BOP. POH W/ TBG & RECOVERED 6' BROKEN SAND SCREEN F/ SN. RIH W/ SAME BHA & TBG AS RAN ON 8/3/12 W/ EXCHANGE TAC. ND BOP & SET TAC WITH 15K TENSION & NUWH. RIH W/ EXCHANGE PUMP OPEN ENDED & RODS AS FOLLOWS: 2-1/2" X 1-1/2" X 28' RHBC PUMP + 7/8" X 3' LIFT SUB W/ 3 MRG'S + 1 - 1-1/2" K-BAR + 3/4" X 26K SHEAR TOOL + 12 - 1-1/2" K-BARS + 53 - 7/8" KD RODS + 65 - 1" KD RODS + 127 - 1-1/4" FG RODS + 1 EA - 1-1/4" X 18' & 3' FG ROD SUBS + 1-1/2 X 26' PR W/ 1-3/4" X 16' PRL. LOADED TBG W/ 4 BW & PRESS TO 500 PSI OK & RELEASED PRESS. STROKED PUMP TO 500 PSI IN 4 STROKES & RELEASED PRESS. SPACED PUMP 57" OFF TAG & CLAMPED OFF RODS & RDP. U.

TAC @ 7918'  
 SN @ 8149'  
 EOT @ 8240'

SURPLUR MAT'L ON LOCATION AS FOLLOWS W/ EMAIL TO GEORGE RUSSELL:

TBG: 318 JTS TOTAL - 252 JTS RIH = 66 JTS SURPLUS HAULED TO PERMIAN ENT - ODESSA VIA TREY TRCKG

RODS & K-BARS: 3 - 1-1/2" K-BARS  
 29 - 1" KD  
 35 - 1-1/4" FG RODS  
 1 EA - 1-1/4" X 6' & 9' FG ROD SUBS

**Planned Activity:**

TURN WELL OVER TO PROD DEPT TO SET PMPG UNIT

Rod - Fiberglass	Top	Bottom
Polished Rod: 1.5 1 26'	17'	43'
Rod Sub: 1.25 1 3'	43'	46'
Rod Sub: 1.25 1 18'	46'	64'
Sucker Rod: Friberglass: 1.25 127 4762.5'	64'	4826.5'
Sucker Rod: 1 KD 65 1625'	4826.5'	6451.5'
Sucker Rod: 0.875 KD 53 1325'	6451.5'	7776.5'
Sinker Bar: 1.5 12 300'	7776.5'	8076.5'
Shear Coupling: 1.625 1 1'	8076.5'	8077.5'
Sinker Bar: 1.5 1 25'	8077.5'	8102.5'
Rod Sub: 0.875 1 3'	8102.5'	8105.5'
Rod Pump: 1.5 1 28'	8105.5'	8133.5'

**Liquids, Pressures, and Volumes**

<b>Hrs Prod:</b>	<b>Choke:</b>	<b>SITP:</b>	<b>SICP:</b>
<b>LP:</b>	<b>FTP:</b>	<b>FCP:</b>	<b>FL:</b>
<b>Gas Prod (mcf):</b>	<b>Oil Prod:</b>		<b>Water Prod:</b>
			<b>Cum Water Recovered:</b>
			<b>Water Left To Recover: 21,525</b>

Print Date: 08/08/2012

Print Time: 9:14:23 AM

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