

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 21-Apr-2012

District: PERMIAN	Objective: Wolfcamp	Survey:	Rig: Canyon 8
Depth: 60	RKB/GL EL: 17 / 2922	Avg ROP: 0	Spud Date:
Last Casing: Conductor - 60	Hole Made: 0	Drig AFE \$: 1,316,900	Drill Hrs: 0
Next Casing: Planned Surface - 1800	AFE No: 158011	Daily Mud \$:	Total AFE \$: 2,447,900
BOP Tested:	Report No: 1	Cum Mud \$:	Daily Well Cost \$: 171,546
Projected TD: 11,130	Proj. Days: 13		Cum Well Cost \$: 171,546

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 SPUD TUE 4/24/12
18:00 05:00	11.00	60	Mob	Mob	Mob	WOD	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:Prog	Actual	Depth	Gas:Back	Max	Conn	Trip	Pres
Form Name			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:

Rig Release:

For 5:00 AM 22-Apr-2012

District: PERMIAN	Objective: Wolfcamp	Survey:	Rig: Canyon 8
Depth: 60	RKB/GL EL: 17 / 2922	Avg ROP: 0	Spud Date:
Last Casing: Conductor - 60	Hole Made: 0	Drig AFE \$: 1,316,900	Drill Hrs: 0
Next Casing: Planned Surface - 1800	AFE No: 158011	Daily AFE \$: 2,447,900	Total AFE \$: 2,447,900
BOP Tested:	Report No: 2	Daily Mud \$:	Daily Well Cost \$: 20,259
Projected TD: 11,130	Proj. Days: 13	Cum Mud \$:	Cum Well Cost \$: 191,805

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	RIGD	WAIT ON DAY LIGHT
07:00 19:00	12.00	60	Mob	Mob	Mob	RIGD	RIG DOWN MASK ELECT ON PITS & PUMPS.CHANGE OUT DRILLING LINE.CHANGE BEARING IN ROTARY CHAIN DRIVE.LOWER SUB & TOP DOG HOUSE.SCOPE DOWN MASK.F/ RIG DOWN & CLEAN DERRICK 48 HR'S SINCE RIG RELEASE,100% RIGGED DOWN, EST SPUD TUE 4/24/12
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
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MUD REPORTS

Date/Time	Dens	Vis	HTHP	Filtrate	Cake	PV	YP	pH	Solids	Water	Oil	Sand	LGS	Chloride	LCM	ES	OBM	Gels
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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
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BHA COMPONENTS

Str	Qty	O.D.	Item	Len
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FORMATION TOPS

MUD LOG

Pore

Target Form: MARTIN	Depth:Prog	Actual	Depth	Gas:Back	Max	Conn	Trip	Pres
Form Name			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:

Rig Release:

For 5:00 AM 23-Apr-2012

District: PERMIAN	Objective: Wolfcamp	Survey:	Rig: Canyon 8
Depth: 60	RKB/GL EL: 17 / 2922	Avg ROP: 0	Spud Date:
Last Casing: Conductor - 60	Hole Made: 0	Drig AFE \$: 1,316,900	Drill Hrs: 0
Next Casing: Planned Surface - 1800	AFE No: 158011	Daily AFE \$: 19,034	Total AFE \$: 2,447,900
BOP Tested:	Report No: 3	Cum Mud \$:	Daily Well Cost \$: 19,034
Projected TD: 11,130	Proj. Days: 13		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, SPUMPS, 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:Prog	Actual	Depth	Gas:Back	Max	Conn	Trip	Pres
Form Name			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: 1

Rig Release:

For 5:00 AM 24-Apr-2012

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

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, TESSCO, & 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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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: 2

Rig Release:

For 5:00 AM 25-Apr-2012

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

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 43JTS 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

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	HRS ROTATING	HRS SLIDING
								Daily	Cum
								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

No/Run	Make	Model	IADC	Diam	Nozzles	BIT RUN	REPORT	GRADING										
						Dist	Hrs	ROP	WOB	RPM	In	Out	Maj	Loc	Brg	Gge	Oth	Pull
1/1	SEC	FX65S		11	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

Form Name	Depth:Prog	Actual
RUSTLER	2,071	
TANSIL	2,928	
QUEEN	4,003	
SAN ANDRES	4,782	
CLEAR FORK	6,532	

MUD LOG

Depth	Gas:Back	Max	Conn	Trip	Pore Pres
Shows and Lithology:					

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

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	CMTF	SAFETY MEETING, R/UP CEMENTER'S, TEST LINES TO 3000 PSI, PUMP 20 BBL'S SPACER, CMT. W/ 675-SX + ADDITIVES. LEAD SLURRY, DISPLACE W/ 114-BBL'S OF F/W BUMP PLUG W/1284-PSI, PLUG HELD BLEAD BACK 1 BBL, CIR. 30 BBL'S 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 250 LOW & 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/ O' 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	
1/1	SEC	FX6SS		11		16/16/16/16/16/16		1760	11	160	30	130	1	1	CT	S	1	0	TD

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

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

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 AFE \$: 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 6' 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

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	HRS ROTATING	HRS SLIDING		
								Daily	Cum	Daily	Cum
817-917-								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

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

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

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

CHESAPEAKE OPERATING, INC.
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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: 5

Rig Release:

For 5:00 AM 28-Apr-2012

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

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

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	HRS ROTATING	HRS SLIDING
								Daily	Cum
817-917-					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

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				TD

SURVEYS

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

Target Form:	Depth:Prog	Actual	MUD LOG	Pore
Form Name	Depth:Prog	Actual	Depth	Gas:Back
			Max	Conn
			Trip	Pres
MARTIN				
RUSTLER	2,071		Shows and Lithology:	
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: 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
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:	Depth:Prog	Actual	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

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

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

Drilling Days: 7

Rig Release:

For 5:00 AM 30-Apr-2012

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

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	
10:00 19:30	9.50	7,170	Prod	Vert	Drill	DRIL	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
19:30 20:00	0.50	7,170	Prod	Vert	Drill	CIRC	
20:00 05:00	9.00	7,700	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'.

MISCELLANEOUS DRILLING INFORMATION

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

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	FX65S		11	16/16/16/16/16/16	1760	11	160	30	130	1	1	CT	S	1	0		TD

SURVEYS

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

Target Form:	Depth:Prog	Actual	Depth	Gas:Back	Max	Conn	Trip	Pres
MARTIN								
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: 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	Cum Mud \$: 37,255	Daily Well Cost \$: 33,567
Projected TD: 11,130	Proj. Days: 13		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

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	Daily	Cum	Daily	Cum
817-917-					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

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	FX6SS		11	16/16/16/16/16/16	1760	11	160	30	130	1	1	CT	S	1	0		TD

SURVEYS

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

Form Name	Depth:Prog	Actual	MUD LOG	Pore
Target Form: MARTIN			Depth	Gas:Back
			Max	Conn
			Trip	Pres
			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

Chesapeake Operating, Inc.

Well ID: 641383

Well Name: UNIVERSITY 7-28 7

Field: MARTIN

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
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						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:	Depth:Prog	Actual	Depth	Gas:Back	Max	Conn	Trip	Pres
MARTIN			Shows and Lithology:					
RUSTLER	2,071							
TANSIL	2,928							
QUEEN	4,003							
SAN ANDRES	4,782							
CLEAR FORK	6,532							

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: 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
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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: 11

Rig Release:

For 5:00 AM 04-May-2012

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

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

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	HRS ROTATING	HRS SLIDING
								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

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

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										

BHA COMPONENTS

FORMATION TOPS			MUD LOG					Pore
Form Name	Depth:Prog	Actual	Depth	Gas:Back	Max	Conn	Trip	Pres
RUSTLER	2,071		Shows and Lithology:					
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: 12

Rig Release:

For 5:00 AM 05-May-2012

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

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	WOC	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	CMTP	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

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	HRS ROTATING	HRS SLIDING
								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

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	FX65S		11	16/16/16/16/16/16	1760	11	160	30	130	1	1	CT	S	1	0		TD

SURVEYS

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

Target Form: MARTIN	Depth:Prog	Actual	MUD LOG	Pore
Form Name	Depth:Prog	Actual	Depth	Gas:Back
Form Name	Depth:Prog	Actual	Max	Conn
Form Name	Depth:Prog	Actual	Trip	Pres
RUSTLER	2,071		Shows and Lithology:	
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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405.848.8000
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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: 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
	Avg ROP: 0	
	Drig AFE \$: 1,316,900	
	Daily Mud \$: 512	
	Cum Mud \$: 73,305	

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 CMTF	SAFETY MEETING & CMT 2ND STAGE.PUMP 50 BBL 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 @15:00PM 5/5/12)

MISCELLANEOUS DRILLING INFORMATION

Flare:	Dur	An P	Ht	Hk Loads:	Rot	PU	SO	HRS ROTATING	HRS SLIDING
								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

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	FX65S		11	16/16/16/16/16/16	1760	11	160	30	130	1	1	CT	S	1	0		TD

SURVEYS

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										

BHA COMPONENTS

FORMATION TOPS

Target Form: MARTIN	Depth:Prog	Actual	Shows and Lithology:
RUSTLER	2,071		
TANSIL	2,928		
QUEEN	4,003		
SAN ANDRES	4,782		
CLEAR FORK	6,532		

MUD LOG

Depth	Gas:Back	Max	Conn	Trip	Pres

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:

CHESAPEAKE OPERATING, INC.

P.O. Box 18496
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405.848.8000
405.879.7917 FAX

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:

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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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

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
7/23/2012	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:	

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 & 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 Frac Grad:	Post Job Frac Grad: 0.70	Prop Designed: 131000
Breakdown Rate: 10	Breakdown Pres: 2665	Min Treat Pres: 1075
Final Shut-in Pres:	Delta P Net:	Treatment Fluid Temp:
Tech Rslt Dtl:	Tech Rslt Notes:	Tagged with RA: Yes

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

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	

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

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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

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 UPRR SPRABERRY FROM 8,654' TO 8,796' O.A. 8' WITH 48 HOLES.

FRAC STAGE 6 UPRR 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 UPRR SPRABERRY FROM 8,325' TO 8,602' O.A. 12' WITH 48 HOLES.

FRAC STAGE 7 UPRR 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
Proppant Total		271,381
Max Concentration		4.00
Fluid Summary		
15# Linear Gel		204.0
15# X-Link Gel		3,332.0
15% HCl		96.0
Fluid Total		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

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 ISIP: 486	Avg Treat Rate: 75.00	Post Job ISIP: 562
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 126000	Prop In Formation: 126891	Min Treat Rate: 6.00	Max Treat Rate: 87.00
Breakdown Rate: 6	Breakdown Pres: 568	Min Treat Pres: 486	Max Treat Pres: 3527	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	105,891
Proppant Total		126,891
Max Concentration		3.00
Fluid Summary		
15# Linear Gel		200.0
15# X-Link Gel		1,726.0
15% HCl		48.0
Fluid Total		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 ISIP: 334	Avg Treat Rate: 75.00	Post Job ISIP: 747
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 221000	Prop In Formation: 221675	Min Treat Rate: 6.00	Max Treat Rate: 88.00
Breakdown Rate: 6	Breakdown Pres: 483	Min Treat Pres: 334	Max Treat Pres: 3257	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	19,904
30/50	White Sand	201,771
Proppant Total		221,675
Max Concentration		4.00
Fluid Summary		
15# Linear Gel		192.0
15# X-Link Gel		2,565.0
15% HCl		48.0
Fluid Total		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 ISIP: 408	Avg Treat Rate: 77.00	Post Job ISIP: 944
Pre Job Frac Grad:	Post Job Frac Grad:	Prop Designed: 216000	Prop In Formation: 216253	Min Treat Rate: 6.00	Max Treat Rate: 87.00
Breakdown Rate: 6	Breakdown Pres: 920	Min Treat Pres: 408	Max Treat Pres: 3904	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	195,253
Proppant Total		216,253
Max Concentration		3.00
Fluid Summary		
15# Linear Gel		188.0
15# X-Link Gel		3,025.0
15% HCl		32.0
Fluid Total		3,245.0

CHESAPEAKE OPERATING, INC.
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405.848.8000
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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
7/31/2012	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

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
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

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: WOLFERRY SAND/SHALE	Spud Date: 4/24/2012
Job Type: Initial Completion	Proposed Total Depth: 11,130	Rig Release Date: 5/5/2012	First Gas Sales Date:
Project Description: Wolfberry Completion			

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

Present Operation:

RUPU. 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

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 80BBL. 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	

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
8/6/2012	26	10,265	\$77,800	\$2,201,047

Present Operation:

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

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 & RECOVER SAND SCREEN. RUN TBG & RODS & 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: Fiberglass: 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

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	