

Type or print only
483-047

API No. 42-495-33257

7. RRC District No.
8

8. RRC Gas ID No.

Gas Well Back Pressure Test,
Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) HALEY (LWR. WOLFCAMP-PENN CONS.)		2. LEASE NAME University 20-33		9. Well No. 1		
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) Chesapeake OPERATING, INC.			RRC Operator No. 147715		10. County of well site Winkler	
4. ADDRESS 2010 Rankin Hwy. Midland, Texas 70701					11. Purpose of filing Initial Potential <input checked="" type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only <input type="checkbox"/> (Explain in remarks)	
5. Location (Section, Block, and Survey) SEC. 33, BLK. 20, UL SURVEY			5b. Distance and direction to nearest town in this county. 10.9 MILES SW FROM WINK			
6. If operator has changed within last 60 days, name former operator		12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no.				
13. Pipe Line Connection CHESAPEAKE ENERGY MARKETING, INC.		FIELD & RESERVOIR		Gas ID or Oil LEASE #	Oil - O Gas - G	Well #
14. Completion or recompletion date 03/25/2008			15. Any condensate on hand at time of workover or recompletion? <input type="checkbox"/> Yes <input type="checkbox"/> No		16. Type of Electric or other Log Run. SEE ATTACHED L-1	

Section I GAS MEASUREMENT DATA

Date of Test 4-01-2008		Gas Measurement Method (Check One) Orifice <input type="checkbox"/> Flange Taps <input checked="" type="checkbox"/> Positive <input type="checkbox"/> Orifice Vent <input type="checkbox"/> Pitot <input type="checkbox"/> Critical-flow <input type="checkbox"/> Meter <input checked="" type="checkbox"/> Pipe Taps <input type="checkbox"/> Choke <input type="checkbox"/> Meter <input type="checkbox"/> Tube <input type="checkbox"/> Prover <input type="checkbox"/>							Gas produced during test 10843 MCF	
Run No.	Line Size	Orif. or Choke Size	24 Hr. Coeff. Orif. or Choke	Static Pm or Choke Press.	Diff. hw	Flow Temp. deg. F.	Temp. Factor Ff	Grav. Factor Fg	Comp. Factor Fpv	Volume MCF/DAY
1	3.068	1.375	12246.49	1141	64.0	71	0.9896	1.0136	1.0888	3614
2										
3										
4										

Section II FIELD DATA AND PRESSURE CALCULATIONS

Gravity (Dry Gas) 0.584		Gravity Liquid Hydrocarbon N/A Deg. API		Gas-Liquid Hydro Ratio N/A CF/Bbl		Gravity of Mixture Gmix = 0.610		Avg. Shut-in Temp. 167 °F		Bottom Hole Temperature 260 °F @ 16520 (Depth)	
Deff 8/3 = 18.092		" Tf = " 807.50 = 28.42		" GL = " 10075.56 = 100.38		C = $\frac{1118 \times \text{Deff } 8/3}{\text{" Tf}} = \frac{20226.86}{807.50} = 25.05$		" GL = 100.38		C = $\frac{100.38}{711.80} = 0.1410$	
Run No.	Time of Run Min.	Choke Size	Wellhead Press. Pw PSIA	Wellhead Flow Temp. ° F	Pw ² (Thousands)	R	R ² (Thousands)	P ₁	P _w / P ₁		
Shut-In	24 Hours		7695	74	59213						
1	4320	14/64	5609	105	31461	509.70	259.79	5632.11	0.9959		
2											
3											
4											
Run No.	F	K	S = 1/Z	E ^{ks}	P _f and P _s	P _f ² and P _s ² (thousands)	P _f ² - P _s ² (thousands)	Angle of Slope			
Shut-In		0.3013	0.7702	1.26115	9705	94178		θ 45.0			
1	0.9979	0.2334	0.8219	1.21151	6795	46177	48001	n 1.000			
2								Absolute Open Flow			
3								7091 MCF/DAY			
4								RECEIVED			

WELL TESTER'S CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code that I conducted or supervised this test and that data and facts shown in Sections I and II above are true, correct, and complete, to the best of my knowledge. Bottomhole temperature and the diameter and length of flow string were furnished by the operator of the well.

Paul J. Smith
Signature: Well Tester

Testra Production
Name of Company

RRC Representative

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OPERATOR'S CERTIFICATION: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that I prepared or supervised and directed this report, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Dorothy Lopez
Signature: Operator's representative

SR. REGULATORY COMPLI. SPEC.

Title

04/03/2008

Date

Tel: 432-687-2992

A/C

Number

SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

17. Type of Completion: New Well Deepening Plug Back Other

18. Permit to Drill, Plug Back or Deepen: DATE 06/22/2007 PERMIT NO. 640680

19. Notice of Intention to Drill this well was filed in Name of: CHESAPEAKE OPERATING, INC.

20. Number of producing wells on this lease in this field (reservoir) including this well: 1

21. Total number of acres in this lease: 640

22. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 10/01/2007 Completed 02/03/2008

23. Distance to nearest well, Same Lease & Reservoir: N/A

24. Location of well, relative to nearest lease boundaries of lease on which this well is located: 1320 Feet From NW Line and 1320 Feet from SW Line of the UNIVERSITY 20-33 Lease

25. Elevation (DF, RKB, RT, GR, ETC.): 2774' GR

26. Was directional survey made other than inclination (Form W-12)? Yes No

27. Top of Pay: 15,511

28. Total Depth: 17,800

29. P.B. Depth: 17,640

30. Surface Casing Determined by: Field Recommendation of T.D.W.R. Rules Railroad Commission (Special)

31. Is well multiple completion? Yes No

32. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR

33. Intervals Drilled by: Rotatory Tools Cable Tools

34. Name of Drilling Contractor: LATSHAW DRILLING

35. Cementing Affidavit Attached? Yes No

36. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
13-3/8	68	5,145	1485	2238/1978 C	17-1/2	SURF	4516/3191
9-5/8	53.5	12,535		1571 50/50H	12-1/4	3,000	3594.5
5, 5-1/2	23.2, 26	17,746		480 H	6-1/2	12,140	614.2

37. LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen
7-5/8, 39#	12,250	16,052	478 DNSCRT	-

38. TUBING RECORD

Size	Depth Set	Packer Set	From	To
-	-	-	15,511	17,529

39. Producing Interval (this completion) Indicate depth of perforation or open hole

40. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

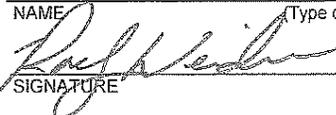
Depth Interval	Amount and Kind of Material Used
17,336 - 17,529	5,198 G. 15% HCL, 29,978 G. 30# LGEL, 220,616 G. XL GEL, 287,926# 20/40 SD, BRN FLUSH
15,885 - 16,522 (SEE BELOW)	5193 G. 15% HCL, 29,966 G. 30# LGEL, 222,221 G. XL GEL, 307,156# 100 MESH & 20/40

41. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
MORROW 1	17,030		
BSPG3	10,723		
STRAWN A	14,535		

REMARKS: PERF @ 15,511 - 15,526', FRAC/W 5,261 G. 15% HCL, 29,975 G. 30# LGEL, 229,748 G. XL GEL, 9567# 100 MESH & 335,862# 20/40 SD. FLUSHED W/3053 G. BRINE WTR.

READ INSTRUCTIONS ON BACK

1. OPERATOR NAME (Exactly as shown on Form P-5 Organization Report) Chesapeake OPERATING, INC.		3. RRC DISTRICT NO. 8	4. OIL LEASE NO. OR GAS WELL ID NO.																												
2. MAILING ADDRESS 2010 Rankin Hwy. Midland, Texas 70701		5. WELL NO. 1	6. API NO. 42- 495-33257																												
		7. COUNTY OF WELL SITE Winkler																													
8. FIELD NAME (as per RRC Records) HALEY (LWR. WOLFCAMP--PENN CONS.)		9. LEASE NAME University 20-33																													
10. LOCATION (Section, Block, and Survey) SEC. 33, BLK. 20, UL SURVEY		11. PIPELINE CONNECTION OR USE OF GAS CHESAPEAKE ENERGY MARKETING, INC.																													
I. PRODUCTION TEST AT RATE ELECTED BY OPERATOR (data on 24-hour basis)		II. A.S.T.M. DISTILLATION OF LIQUID SAMPLE. Distillation test is required for gas wells ONLY if the producing gas-liquid hydrocarbon ratio is less than 100,000 CF/barrel.																													
A. Date of Test 4-01-2008 B. Gas Volume 3614 (Mcf) C. Oil or Condensate Volume 22.00 (Bbl) D. Water Volume 213.00 (Bbl) E. Gas/Liquid Hydrocarbon Ratio N/A (Cf/Bbl) F. Flowing Tubing Pressure 5609 (psia) G. Choke Size 14/64 (in.) H. Casing Pressure 5609 (psia) I. Shut-in Wellhead Pressure-- Tubing 7695 (psia) J. Separator Operating Pressure 1141 (psia) K. Color of Stock Tank Liquid N/A L. Gravity of Separator Liquid N/A °API M. Gravity of Stock Tank Liquid ---- °API N. Specific Gravity of the Gas (Air = 1) 0.584		Date Liquid Sample Obtained Not Applicable Where Obtained <input type="checkbox"/> Separator <input type="checkbox"/> Stock Tank <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">% Over</th> <th style="width:15%;">Temp. (deg.F)</th> <th style="width:15%;">% Over</th> <th style="width:15%;">Temp. (deg.F)</th> </tr> </thead> <tbody> <tr> <td>I.B.P.</td> <td></td> <td>60</td> <td></td> </tr> <tr> <td>10</td> <td></td> <td>70</td> <td></td> </tr> <tr> <td>20</td> <td></td> <td>80</td> <td></td> </tr> <tr> <td>30</td> <td></td> <td>90</td> <td></td> </tr> <tr> <td>40</td> <td></td> <td>95</td> <td></td> </tr> <tr> <td>50</td> <td></td> <td>End Point</td> <td></td> </tr> </tbody> </table> Total Recovery _____ percent Residue _____ percent Loss _____ percent		% Over	Temp. (deg.F)	% Over	Temp. (deg.F)	I.B.P.		60		10		70		20		80		30		90		40		95		50		End Point	
% Over	Temp. (deg.F)	% Over	Temp. (deg.F)																												
I.B.P.		60																													
10		70																													
20		80																													
30		90																													
40		95																													
50		End Point																													
I declare under penalties prescribed in Sec.91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete to the best of my knowledge.		RRC USE ONLY																													
				Rocky Weidner NAME (Type or Print)																											
				 SIGNATURE																											
Tetra Production TITLE																															
4-01-2008 DATE		Contact Person CONTACT PERSON																													
		Contact Phone No. PHONE NUMBER																													

INSTRUCTIONS

Form G-5: Gas Well Classification Report

This report shall be filed in duplicate in the appropriate Railroad Commission District Office:

- (a) Upon completion of a gas well,
- (b) Upon reclassification of any well from oil to gas,
- (c) Upon reclassification from oil to gas if the gas-oil ratio is more than 12,000 cubic feet per barrel and the oil gravity is more than 50 degrees API,
- (d) And upon subsequent requests by the Railroad Commission.

Production Test: The production test data required on this form must reflect representative operating conditions if the well is connected to a sales line. If the well is not connected, the test must be at a stabilized rate. The volumes reported must be on a 24-hour basis.

Liquid Sample: The liquid hydrocarbon sample must be a fresh sample of stock tank liquid or a separator sample which has been flashed to atmospheric pressure and allowed to stabilize at the ambient temperature. If a separator sample is transported to the laboratory in a pressurized container, the sample must be flashed to atmospheric pressure and allowed to stabilize at 60 degrees Fahrenheit before measuring the API Gravity or commencing the distillation test.

NOTICE: NO CONDENSATE OR CRUDE PETROLEUM WILL BE CLEARED FROM A GAS WELL PRIOR TO THE ASSIGNMENT OF AN ALLOWABLE UNTIL THIS REPORT HAS BEEN PROPERLY PREPARED, EXECUTED, AND FILED ALONG WITH A FORM P-4 NAMING THE GATHERER OF THE CONDENSATE AND A REQUEST FOR CLEARANCE (FORM P-8) STATING THE AMOUNT OF CONDENSATE TO BE MOVED.

Reference: Statewide Rule 53

OPERATOR NAME AND ADDRESS, including city, state and zip
Chesapeake OPERATING, INC.
 2010 Rankin Hwy.
 Midland, Texas
 70701

GAS WELL
STATUS REPORT
 RAILROAD COMMISSION OF TEXAS
 Oil and Gas Division
 P.O. Box 12967
 Austin, Texas 78711-2967

Operator P-5 Organization No. 147715
 RRC Dist. No. 8
 G-10
 rev. 7/95

Reason for Filing
 Survey
 Relest
 Initial Test
 Correction

Test Period:
 Due Date:
 Effective Date:

FIELD NAME * LEASE NAME	RRC IDENT NO.	DATE TESTED MO/DAY/YR	MARK X FOR SHUT-IN WELL	GAS PRODUCED MCF/DAY**	GAS SPEC. GRAVITY	CONDENSATE PRODUCED	WATER PROD BBL/DAY	CONDENSATE GRAVITY (API)	X BOTTOMHOLE PRESSURE PSIA	*** SIWH PRESSURE PSIA	*** FLOWING PRESSURE PSIA
HALEY (LWR. WOLF CAMP - PENN CONS.) University 20-33	1			0.584			6810				5609
				MCF		BBL	BBL				
				MCF		BBL	BBL				
				MCF		BBL	BBL				
				MCF		BBL	BBL				
				MCF		BBL	BBL				
				MCF		BBL	BBL				
				MCF		BBL	BBL				

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CERTIFICATION: I declare under penalties prescribed in Texas Natural Resources Code, Sec. 91.143, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated herein are true, correct, and complete to the best of my knowledge.

Signature: *Tetra Production* Title: *Tetra Production* Phone: _____ Date: 4-02-2008

*AN ASTERISK ON A SURVEY IDENTIFIES WELL SUBJECT TO COMMINGLING TEST REQUIREMENT
 ** GAS PRODUCTION RATE. IN MCF. IS TO BE REPORTED FULL-WELL STREAM, INCLUDING CONDENSATE
 *** PREPRINTED ON A SURVEY IN THE BOTTOMHOLE PRESSURE BOX INDICATES A BOTTOMHOLE PRESSURE MUST BE REPORTED FOR THE WELL

Cementor: Fill in shaded areas.
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Chesapeake Operating Inc.	2. RRC Operator No. 147715	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or exactly as shown on RRC records) HALEY (LWR. WOLFCAMP-PENN CONS.)		6. API No. 42- 495-33257	7. Drilling Permit No. 640680
8. Lease Name University 20-33	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				1/31/2008			
13. ●Drilling hole size				6-1/2			
●Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				5, 5-1/2			
15. Top of liner (ft.)							
16. Setting depth (ft.)				17,746			
17. Number of centralizers used				125			
18. Hrs. waiting on cement before drill-out				--			
1st Slurry	19. API cement used: No. of sacks ▼			260			
	Class ▼			H			
	Additives ▼			REMARKS			
2nd Slurry	No. of sacks ▼			220			
	Class ▼			H			
	Additives ▼			REMARKS			
3rd Slurry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
1st	20. Slurry pumped: Volume (cu. ft.) ▼			403.0			
	Height (ft.) ▼			6157.4			
2nd	Volume (cu. ft.) ▼			211			
	Height (ft.) ▼			3226.9			
3rd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
Total	Volume (cu. ft.) ▼	0	0	614.2		0	0
	Height (ft.) ▼	0	0	9384.3		0	0
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?				No			
1st	H + 35% D30 + .2% D167 + .6% D65 + .7% D198 + .2% D46 + 25% D31 + 0.2% D153 + 0.125 pps D130						
2nd	DenseCRETE + 0.3% D198 + 0.2% D46 + 0.4% D400 + 0.3% D202						
3rd	0						
4th	0						

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Cementor: Fill in shaded areas.
Operator: Fill in other items

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Chesapeake Operating, Inc.	2. RRC Operator No. 147715	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or exactly as shown on RRC records) HALEY (LWR. WOLFCAMP--PENN CONS.)	6. API No. 42-495-33257	7. Drilling Permit No. 640680	
8. Lease Name University 20-33	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date			12/14/2007			
13. ●Drilling hole size			8-1/2			
●Est. % wash or hole enlargement						
14. Size of casing (in. O.D.)			7-5/8			
15. Top of liner (ft.)			12,250			
16. Setting depth (ft.)			16,052			
17. Number of centralizers used			44			
18. Hrs. waiting on cement before drill-out			24			
1st Slurry	19. API cement used: No. of sacks		478			
	Class		DenseCRETE			
	Additives		Remarks			
2nd Slurry	No. of sacks					
	Class					
	Additives					
3rd Slurry	No. of sacks					
	Class					
	Additives					
1st	20. Slurry pumped: Volume (cu. ft.)		454			
	Height (ft.)		5901			
2nd	Volume (cu. ft.)					
	Height (ft.)					
3rd	Volume (cu. ft.)					
	Height (ft.)					
Total	Volume (cu. ft.)		454.1			
	Height (ft.)		5901			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			No			
1st	DensCRETE + 0.2% D198 + 0.2% D46 + 0.40% D400 + 0.25%D202 + 0.02gps D197					
2nd	0					
3rd	0					
4th						

Cementer: Fill in shaded areas
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Chesapeake Operating INC.	2. RRC Operator No. 147715	3. RRC District No. 8	4. County of Well Site Winkler, TX
5. Field Name (Wildcat or exactly as shown on RRC records) HALEY (LWR. WOLFCAMP-PENN CONS.)	6. API No. 42-495-33257	7. Drilling Permit No. 640680	
8. Lease Name University 20-33	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		11/8/2007				
13. Drilling hole size		12-1/4				
Est. % wash or hole enlargement						
14. Size of casing (in. O.D.)		9-5/8				
15. Top of liner (ft.)						
16. Setting depth (ft.)		12,535				
17. Number of centralizers used		30				
18. Hrs. waiting on cement before drill-out		24				
1st Slurry	19. API cement used: No. of sacks	1208				
	Class	50:50:Poz:H				
	Additives	REMARKS				
2nd Slurry	No. of sacks	363				
	Class	50:50:Poz:H				
	Additives	REMARKS				
3rd Slurry	No. of sacks					
	Class					
	Additives					
1st	20. Slurry pumped: Volume (cu. ft.)	3,140.80				
	Height (ft.)	10,028.10				
2nd	Volume (cu. ft.)	453.75				
	Height (ft.)	1,448.75				
3rd	Volume (cu. ft.)					
	Height (ft.)					
Total	Volume (cu. ft.)	3,594.55				
	Height (ft.)	11,476.85				
21. Was cement circulated to ground surface (or bottom of collar) outside casing?		NO				

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1st 10%D20+5ppsD42+0.6%D800+0.2%D046+0.125ppsD130+0.5%D065+0.3%D112
2nd 2%D20+1%D174+0.2%D167+0.4%D065+0.30%D201
3rd

Cementer: Fill in shaded areas.
Operator: Fill in other items

Form W-15
Cementing Report
Rev. 4/1/83
483-045

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) Chesapeake Operating, Inc.		2. RRC Operator No. 147715	3. RRC District No. 8	4. County of Well Site Winkler
5. Field Name (Wildcat or exactly as shown on RRC records) HALEY (LWR. WOLFCAMP-PENN CONS.)			6. API No. 42-495-33257	7. Drilling Permit No. 640680
8. Lease Name University 20-33		9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1

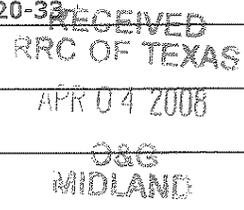
CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Shoe	Tool
12. Cementing Date						10/15/2007	10/15/2007
13. ●Drilling hole size						17-1/2	17-1/2
●Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)						13-3/8	13-3/8
15. Top of liner (ft.)							
16. Setting depth (ft.)						1485	5145
17. Number of centralizers used							37
18. Hrs. waiting on cement before drill-out							24
1st Slurry	19. API cement used: No. of sacks ▶					1350	1460
	Class ▶					50:50 POZ/C	Class C
	Additives ▶					Remarks	Remarks
2nd Slurry	No. of sacks ▶					888	518
	Class ▶					Class C	Class C
	Additives ▶					Remarks	Remarks
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶					3335	2497
	Height (ft.) ▶					4800	3594
2nd	Volume (cu. ft.) ▶					1181.04	694
	Height (ft.) ▶					1700	999
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶					4516	3191
	Height (ft.) ▶					6501	4593
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?						*Yes	**Yes
1st	10% D20 + 0.2%D65+ 0.2%D46 + 0.1%D112+ 3ppsD42+1.5%D44+ .125ppsD130+.04gpsD801						
2nd	0.2%D201						
3rd	2% D20 + 2% S001						
4th	2% S001						
Circulated to surface:		*160 BBLS / 364 SKS(after opening tool)		**275.5 BBLS / 904 SKS			

OVER →

**Railroad Commission Of Texas
Oil And Gas Division**

Form W-12

PAGE 1 OF 2

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. RRC District 8
		7. RRC Lease Number (Oil Completions Only)
1. FIELD NAME (as per RRC Records or Wildcat) HALEY (LWR. WOLFCAMP--PENN CONS.)	2. LEASE NAME University 20-33	8. Well Number 1
3. OPERATOR Chesapeake Operating Inc.		9. RRC Identification Number (Gas Completions Only)
4. ADDRESS 2010 Rankin Highway, Midland, TX 79701		10. County Loving
5. LOCATION (Section, Block, and Survey) Sec 33, Blk 20, Univ Lds		

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per 100 feet (Sine of Angle x 100)	15. Course Displacement (Feet)	Accumulative Displacement (Feet)
282	282	0.10	0.17	0.49	0.49
960	678	0.40	0.70	4.73	5.23
1,544	584	0.30	0.52	3.06	8.28
2,484	940	1.10	1.92	18.05	26.33
3,465	981	0.60	1.05	10.27	36.60
4,303	838	1.80	3.14	26.32	62.92
5,085	782	1.30	2.27	17.74	80.67
5,876	791	0.30	0.52	4.14	84.81
6,480	604	0.60	1.05	6.32	91.13
7,021	541	0.60	1.05	5.67	96.80
7,856	835	0.40	0.70	5.83	102.63
8,429	573	0.60	1.05	6.00	108.63
9,166	737	1.50	2.62	19.29	127.92
9,809	643	0.75	1.31	8.42	136.34
10,300	491	0.50	0.87	4.28	140.62
11,450	1,150	1.50	2.62	30.10	170.72

17. Is any information shown on the reverse side of this form? Yes No
18. Accumulative total displacement of well bore at total depth of 16,869 feet = 291.98 feet
- *19. Inclination measurements were made in Tubing Casing Open Hole Drill Pipe
20. Distance from surface location of well to the nearest lease line..... 1320 Feet
21. Minimum distance to lease line as prescribed by field rules..... 1320 Feet
22. Was the subject well at any time intentionally deviated from vertical in any matter whatsoever?
(if the answer to the above question is "yes" attach written explanation of the circumstances.) SEE ATTACHED PAGE 2

<p>Inclination Data Certification I declare under penalties prescribed in Sec. 91.143, Texas National Resource Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks(*) by the item numbers on this form.</p> <p><i>Mark Cochran</i> <u>2-22-08</u> Signature of Authorized Representative Date</p> <p><u>Mark Cochran, CFO</u> Name of Person and Title</p> <p><u>Latshaw Drilling Company, LLC</u> Name of Company</p> <p>Telephone: 918-355-4380</p>	<p>Inclination Data Certification I declare under penalties prescribed in Sec. 91.143, Texas National Resource Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks(*) by the item numbers on this form.</p> <p><i>Dorothea Logan</i> <u>04/03/2008</u> Signature of Authorized Representative Date</p> <p><u>Dorothea Logan Sr. Reg. Comp. Spec.</u> Name of Person and Title</p> <p><u>Chesapeake Operating Inc.</u> Operator</p> <p>Telephone: 432-687-2992</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

*Designates items certified by the company that conducted the inclination surveys.

RECORD OF INCLINATION - (Cont.)

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per 100 feet (Sine of Angle x 100)	15. Course Displacement (Feet)	Accumulative Displacement (Feet)
12,385	935	0.30	0.52	4.90	175.62
13,166	781	2.80	4.88	38.15	213.77
14,069	903	2.20	3.84	34.66	248.44
14,663	594	0.75	1.31	7.78	256.21
15,519	856	0.75	1.31	11.20	267.42
15,960	441	0.10	0.17	0.77	268.19
16,869	909	1.50	2.62	23.79	291.98

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APR 04 2008

O&G
MIDLAND

Subject: FW: Survey Readings for University 20-33-1

There was trouble with the Teledrift MWD tool and we were unable to get a good reading at the appropriate depth. The tool failed 5 times. Consequently, the drilling assembly was pulled out of hole (POOH) and the MWD tool was changed out. Prior to POOH with the drill string, TOTCO was dropped and took the survey at 11,450 ft.

I hope this is sufficient to back up your report. Please, let me know if you need further clarification.

Dorothea Logan

Sr. Regulatory Compliance Specialist
Chesapeake Operating, Inc.
Midland Field Office
Phone: 432-687-2992, Ext. 6031
Fax 432-687-4112
dlogan@chkenergy.com

CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY

P-4
 5/02
 DBC0702

READ INSTRUCTIONS ON BACK

1. Field name exactly as shown on proration schedule HALEY (LWR. WOLFCAMP-PENN CONS.)		2. Lease name as shown on proration schedule UNIVERSITY 20-33		
3. Current operator name exactly as shown on P-5 Organization Report CHESAPEAKE OPERATING, INC.		4. Operator P-5 no. 147715	5. Oil Lse/Gas ID no.	6. County WINKLER
8. Operator address including city, state, and zip code 2010 RANKIN HWY. MIDLAND, TX 79701		7. RRC district 08		
9. Well no(s) (see instruction E) 1		10. Classification <input type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)		11. Effective Date 03/25/2008

12. Purpose of Filing. (Complete section a or b below.) (See instruction B and G)

a. Change of: operator oil or condensate gatherer gas gatherer gas purchaser gas purchaser system code

field name from: _____
 lease name from: _____

OR

b. New RRC Number for: oil lease gas well other well (specify) _____

Due to: new completion or recompletion reclass oil to gas reclass gas to oil
 consolidation, unitization, or subdivision (oil lease only)

13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherers and/or Purchaser(s). (See instruction G).

Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	CHESAPEAKE ENERGY MARKETING, INC.	0001	100	

14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G)

Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)	Percent of Take	RRC USE ONLY
TEPPCO CRUDE OIL, L.P.	100	Reviewer's initials: _____ Approval date: _____

15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.

Name of Previous Operator	Signature
Name (print)	<input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G)
Title	Date _____ Phone with area code _____

16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.

DOROTHEA LOGAN	
Name (print)	Signature
SR. REG. COMPLIANCE SPEC.	<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G)
Title	Date _____ Phone with area code _____
dlogan@chkenegy.com	04/04/2008 (432)687-2992
E-mail Address (optional)	Date _____ Phone with area code _____

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O&G
MIDLAND

Form P-15
(5-5-71)
DBC0697

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the CHESAPEAKE OPERATING, INC. OPERATOR, UNIVERSITY 20-33 LEASE, No. 1 WELL; that such well is completed in the HALEY (LWR. WOLFCAMP-PENN CONS.) WINKLER County, Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces _____ 640 acres which can reasonably be considered to be productive of hydrocarbons.

- CERTIFICATE -

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Date 04/04/2008 Signature *Danitha Lopez*

Telephone _____ (432) 687-2992 Title SR. REG. COMPLIANCE SPEC.
AREA CODE

TOPOGRAPHIC LAND SURVEYORS OF TEXAS

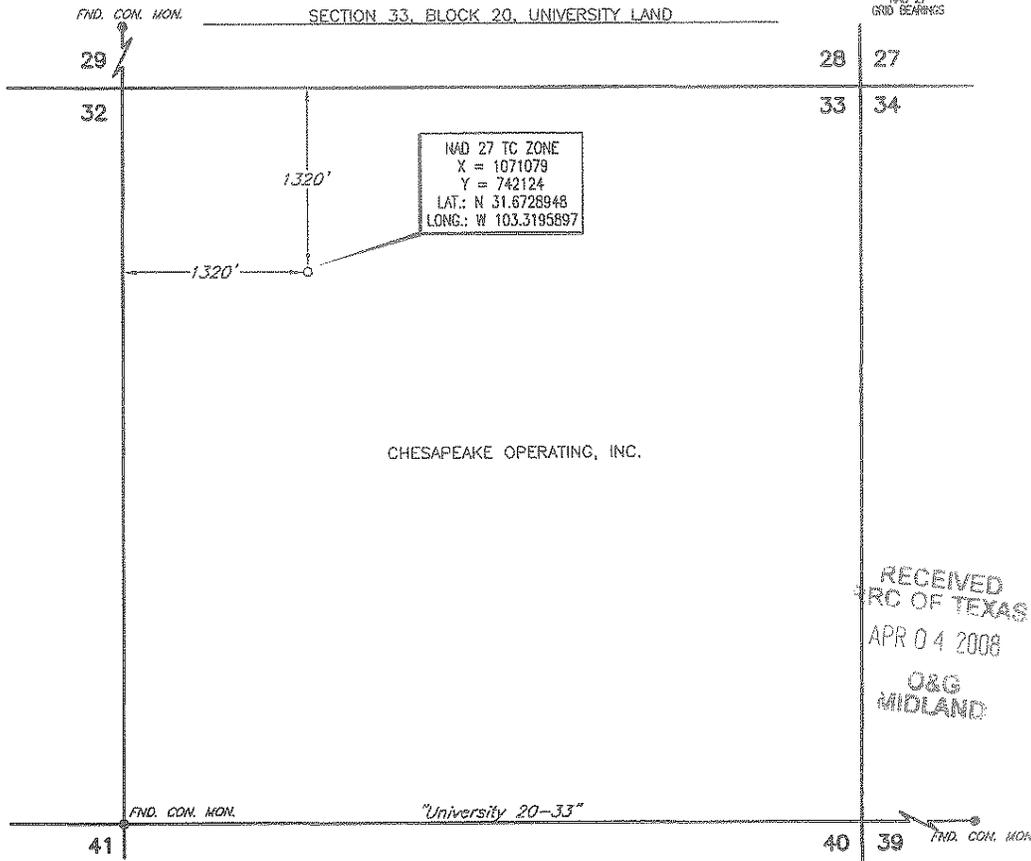
Surveying and Mapping for the Energy Industry

2903 N. BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONES: (432) 682-1653 • (800) 767-1653 • FAX: (432) 682-1743

WINKLER County, Texas

Description 1320' FNL & 1320' FWL

SECTION 33, BLOCK 20, UNIVERSITY LAND



This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us. This plat does not in any way represent a "Boundary Survey", and does not comply with correct T.B.P.L.S. Minimum Standards of Procedures for Boundary Surveys.

Date Staked MAY 23, 2007

SCALE: 1" = 1000'
 0' 500' 1000'

Operator CHESAPEAKE OPERATING, INC.

Lease Name & Well No. UNIVERSITY 20-33 #1

Ground Elev. 2774' Reference Stakes or 150' LINE UP N, S, E, W
 Alternate Location

Good Drill Site? YES Stakes Set ±10.9 MILES SOUTHWEST OF WINK, TEXAS

Topography & Vegetation NATURAL MESQUITE PASTURE

Best Accessibility to Location FROM EXISTING WELL ±2640' WEST OF LOCATION.

Distance & Direction from Hwy Jct. or Town FROM PYOTE GO NORTHWEST 9.4 MI. ON HWY. 2355 THENCE SOUTHWEST 2.0 MI. ON

HWY. 2355, THENCE NORTH 1.8 MI. ON LSE. RD., THENCE WEST 1.0 MI. THENCE NORTH 1.4 MI., THENCE

NORTHWEST 0.5 MI., THENCE NORTH 0.8 MI., THENCE SOUTHEAST 0.3 MI., THENCE NORTHEAST 0.2 MI., THENCE

NORTH 1.9 MI., THENCE NORTHEAST 0.8 MI. TO EXISTING WELL 32-20 #1 ±2640' WEST OF LOCATION.



CERTIFICATION:

I, William J. Keating, a Registered Professional Land Surveyor, and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

William J. Keating
 Texas Reg. No. 5041

Invoice # 124087/627NE
 L.A.S.