



CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32334
Name: Chesapeake Operating, Inc.
Address 1: 6200 N WESTERN AVE
Address 2: PO BOX 18496
City: OKLAHOMA CITY State: OK Zip: 73118 + 1046
Contact Person: Aletha Dewbre
Phone: (405) 935-4775
CONTRACTOR: License # 33784
Name: Trinidad Drilling Limited Partnership
Wellsite Geologist: Hayet Serradji
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

<u>5/3/2012</u>	<u>5/27/2012</u>	<u>5/31/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21749-01-00

Spot Description: _____
S2 S2 SE SE Sec. 25 Twp. 34 S. R. 8 East West
200 Feet from North / South Line of Section
660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Harper

Lease Name: Danielson 25-34-8 Well #: 1H

Field Name: _____

Producing Formation: Mississippi Lime

Elevation: Ground: 1312 Kelly Bushing: 1327

Total Depth: 9233 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 755 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 6500 ppm Fluid volume: 1828 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 08/30/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 08/31/2012

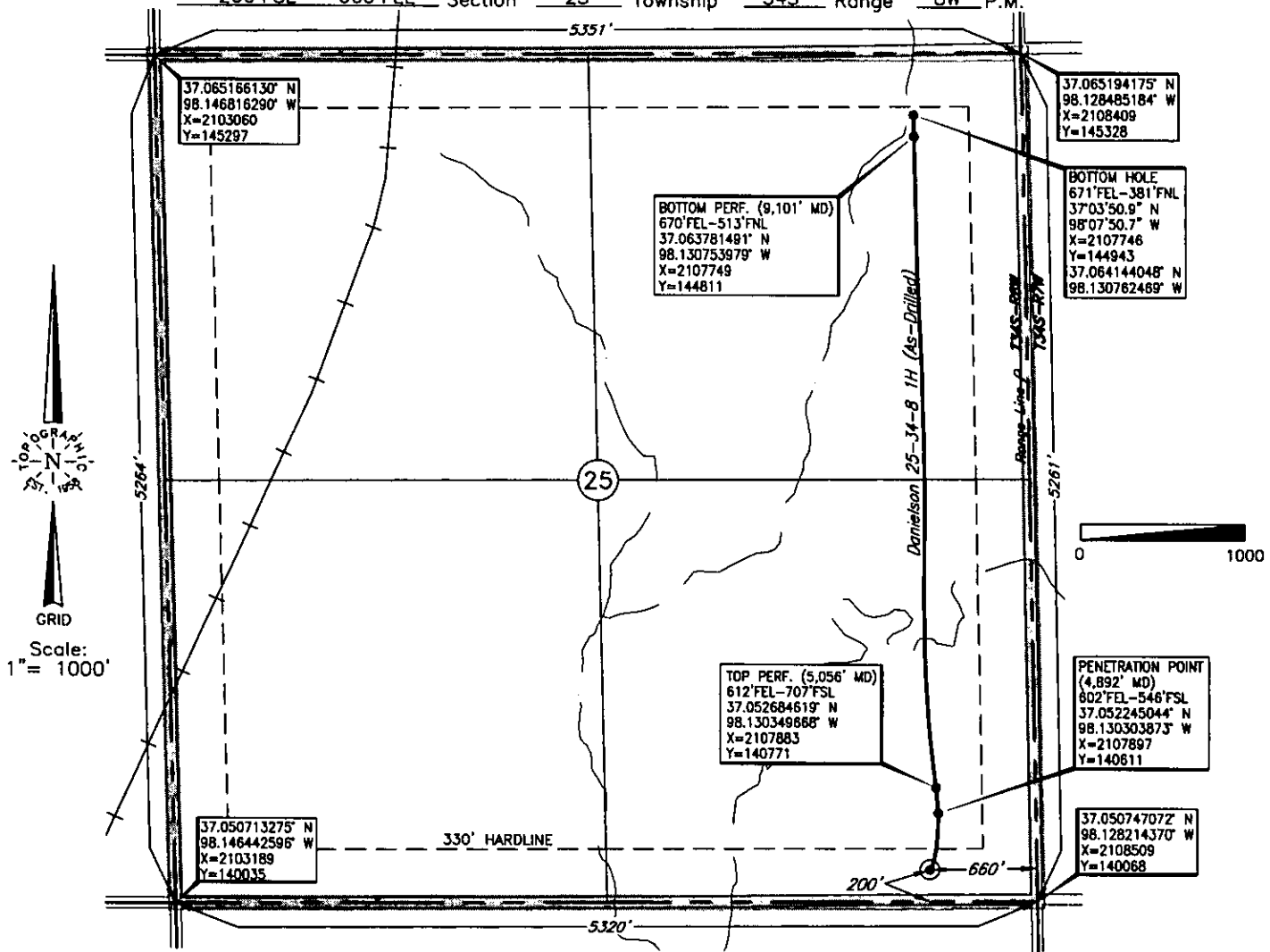
TOPOGRAPHIC LAND SURVEYORS

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73118 * LOCAL (405) 843-4847 * OUT OF STATE (800) 854-3219
 Certificate of Authorization No. LS-99, Exp. Dec 31, 2013

HARPER

County, Kansas

200'FSL - 660'FEL Section 25 Township 34S Range 8W P.M.



This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed. Review this plat and notify us immediately of any possible discrepancy.

Operator: CHESAPEAKE OPERATING, INC.
 Lease Name: DANIELSON 25-34-8

ELEVATION:
1312' Gr. at Stake

Topography & Vegetation Loc. fell in level sandy plowed field

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off county road
 Distance & Direction from Hwy Jct or Town From Anthony, Ks., go 4 miles West on St. Hwy. 14 & 2, then 7 miles South, then 1 mile West to the SE Cor. of 25-T34S-R8W

GPS
 DATUM: NAD-27
 LAT: 37°03'04.6"N
 LONG: 98°07'49.7"W
 LAT: 37.051292613
 LONG: 98.130486755
 STATE PLANE COORDINATES:
 ZONE: KS SOUTH
 X: 2107845
 Y: 140264

187608 Date of Drawing: Aug. 07, 2012
 Invoice # 170634 Date Staked: Jul. 28, 2011 JP

FINAL AS-DRILLED PLAT

NOTE: AS-DRILLED INFORMATION FURNISHED BY CHESAPEAKE OPERATING
 THIS DRAWING HAS BEEN ADJUSTED TO CURRENT COORDINATE SYSTEM

The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.



Chesapeake Operating

Harper County (KA27S)

Sec 25-T34S-R8W

Danielson 25-34-8 1H

Wellbore #1

Survey: ST1

Standard Survey Report

27 May, 2012

Archer
The well company



Great White Directional Services
Survey Report



Company:	Chesapeake Operating	Local Co-ordinate Reference:	Well Danielson 25-34-8 1H
Project:	Harper County (KA27S)	TVD Reference:	KB @ 1327.0usft
Site:	Sec 25-T34S-R8W	MD Reference:	KB @ 1327.0usft
Well:	Danielson 25-34-8 1H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Harper County (KA27S)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site	Sec 25-T34S-R8W				
Site Position:	Northing:	140,264.00 usft	Latitude:	37° 3' 4.653 N	
From:	Map	Easting:	2,107,845.00 usft	Longitude:	98° 7' 49.752 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.23 °

Well	Danielson 25-34-8 1H					
Well Position	+N/-S	0.0 usft	Northing:	140,264.00 usft	Latitude:	37° 3' 4.653 N
	+E/-W	0.0 usft	Easting:	2,107,845.00 usft	Longitude:	98° 7' 49.752 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	1,312.0 usft	

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2012/05/02	4.68	65.20	51,832

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	119.02	

Survey Program	Date	2012/05/27			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	4,200.0	Gyro/MWD Survey (Wellbore #1)	MWD-Chesapeake	MWD-Chesapeake	
4,339.0	9,057.0	ST 1 (Wellbore #1)	MWD-Chesapeake	MWD-Chesapeake	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,200.0	0.07	186.04	4,199.9	1.8	11.8	9.5	0.00	0.00	0.00
4,339.0	8.50	12.60	4,338.4	11.7	14.0	6.6	6.17	6.06	-124.78
4,371.0	10.00	15.60	4,370.0	16.7	15.3	5.3	4.92	4.69	9.38
4,403.0	13.80	17.70	4,401.3	23.0	17.2	3.9	11.95	11.88	6.56
4,435.0	18.10	16.90	4,432.0	31.4	19.8	2.1	13.45	13.44	-2.50
4,466.0	22.40	15.70	4,461.1	41.7	22.8	-0.3	13.93	13.87	-3.87
4,498.0	27.00	13.60	4,490.2	54.7	26.2	-3.6	14.63	14.38	-6.56
4,530.0	31.10	12.40	4,518.1	69.8	29.7	-7.9	12.94	12.81	-3.75
4,562.0	35.30	10.80	4,544.9	87.0	33.2	-13.2	13.41	13.13	-5.00
4,593.0	39.20	9.30	4,569.6	105.4	36.4	-19.3	12.92	12.58	-4.84



Great White Directional Services
Survey Report



Company: Chesapeake Operating
Project: Harper County (KA27S)
Site: Sec 25-T34S-R8W
Well: Danielson 25-34-8 1H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Danielson 25-34-8 1H
TVD Reference: KB @ 1327.0usft
MD Reference: KB @ 1327.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,625.0	42.90	7.70	4,593.7	126.2	39.5	-26.7	12.02	11.56	-5.00
4,657.0	46.10	6.60	4,616.5	148.5	42.3	-35.0	10.29	10.00	-3.44
4,689.0	49.10	5.20	4,638.1	172.0	44.7	-44.3	9.92	9.38	-4.38
4,720.0	52.30	4.40	4,657.7	195.9	46.7	-54.2	10.51	10.32	-2.58
4,752.0	55.80	3.70	4,676.5	221.7	48.6	-65.1	11.08	10.94	-2.19
4,784.0	59.60	2.90	4,693.6	248.7	50.1	-76.8	12.06	11.88	-2.50
4,815.0	63.10	2.00	4,708.5	275.9	51.3	-89.0	11.57	11.29	-2.90
4,847.0	66.30	1.00	4,722.1	304.8	52.0	-102.4	10.39	10.00	-3.13
4,878.0	69.70	359.20	4,733.8	333.5	52.1	-116.3	12.22	10.97	-5.81
4,910.0	72.90	357.10	4,744.0	363.8	51.1	-131.8	11.77	10.00	-6.56
4,940.0	76.00	355.80	4,752.1	392.7	49.3	-147.4	11.14	10.33	-4.33
5,008.0	83.70	354.00	4,764.0	459.3	43.3	-184.9	11.62	11.32	-2.65
5,039.0	87.90	353.20	4,766.3	490.0	39.9	-202.8	13.79	13.55	-2.58
5,071.0	90.20	353.60	4,766.8	521.8	36.2	-221.4	7.30	7.19	1.25
5,103.0	90.60	354.00	4,766.6	553.6	32.8	-239.9	1.77	1.25	1.25
5,134.0	90.60	354.00	4,766.3	584.4	29.5	-257.7	0.00	0.00	0.00
5,229.0	90.70	353.40	4,765.2	678.9	19.1	-312.6	0.64	0.11	-0.63
5,324.0	91.20	353.20	4,763.6	773.2	8.0	-368.1	0.57	0.53	-0.21
5,420.0	90.10	353.90	4,762.5	868.6	-2.8	-423.8	1.36	-1.15	0.73
5,515.0	90.50	355.40	4,762.0	963.2	-11.6	-477.4	1.63	0.42	1.58
5,608.0	88.70	357.10	4,762.7	1,055.9	-17.7	-527.7	2.66	-1.94	1.83
5,703.0	89.80	356.70	4,763.9	1,150.8	-22.8	-578.2	1.23	1.16	-0.42
5,798.0	90.00	357.70	4,764.1	1,245.7	-27.5	-628.3	1.07	0.21	1.05
5,893.0	90.40	358.60	4,763.8	1,340.6	-30.6	-677.0	1.04	0.42	0.95
5,989.0	90.10	359.30	4,763.4	1,436.6	-32.3	-725.1	0.79	-0.31	0.73
6,084.0	89.80	359.60	4,763.4	1,531.6	-33.2	-772.0	0.45	-0.32	0.32
6,179.0	89.40	359.90	4,764.1	1,626.6	-33.6	-818.5	0.53	-0.42	0.32
6,274.0	89.30	0.10	4,765.2	1,721.6	-33.6	-864.5	0.24	-0.11	0.21
6,370.0	87.50	0.40	4,767.9	1,817.6	-33.2	-910.7	1.90	-1.88	0.31
6,465.0	88.60	0.60	4,771.1	1,912.5	-32.4	-956.1	1.18	1.16	0.21
6,561.0	88.70	0.10	4,773.4	2,008.5	-31.8	-1,002.1	0.53	0.10	-0.52
6,656.0	89.20	0.30	4,775.1	2,103.5	-31.5	-1,047.9	0.57	0.53	0.21
6,751.0	89.90	0.10	4,775.8	2,198.5	-31.1	-1,093.7	0.77	0.74	-0.21
6,847.0	90.40	359.90	4,775.6	2,294.4	-31.1	-1,140.2	0.56	0.52	-0.21
6,942.0	89.80	359.60	4,775.4	2,389.4	-31.6	-1,186.7	0.71	-0.63	-0.32
7,055.0	89.80	358.80	4,775.8	2,502.4	-33.1	-1,242.9	0.71	0.00	-0.71
7,150.0	89.60	358.90	4,776.3	2,597.4	-35.0	-1,290.6	0.24	-0.21	0.11
7,245.0	91.30	358.20	4,775.6	2,692.4	-37.4	-1,338.8	1.94	1.79	-0.74
7,340.0	91.60	358.20	4,773.2	2,787.3	-40.4	-1,387.4	0.32	0.32	0.00
7,435.0	91.80	358.60	4,770.3	2,882.2	-43.1	-1,435.8	0.47	0.21	0.42
7,531.0	91.90	358.40	4,767.2	2,978.1	-45.6	-1,484.5	0.23	0.10	-0.21
7,626.0	92.10	358.20	4,763.9	3,073.0	-48.4	-1,533.0	0.30	0.21	-0.21
7,721.0	90.50	357.70	4,761.8	3,167.9	-51.8	-1,582.0	1.76	-1.68	-0.53



Great White Directional Services
Survey Report



Company: Chesapeake Operating
Project: Harper County (KA27S)
Site: Sec 25-T34S-R8W
Well: Danielson 25-34-8 1H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Danielson 25-34-8 1H
TVD Reference: KB @ 1327.0usft
MD Reference: KB @ 1327.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,816.0	90.90	357.20	4,760.6	3,262.8	-56.0	-1,631.8	0.67	0.42	-0.53
7,911.0	90.70	357.20	4,759.3	3,357.7	-60.7	-1,681.8	0.21	-0.21	0.00
8,007.0	90.10	357.20	4,758.6	3,453.8	-65.4	-1,732.5	0.63	-0.63	0.00
8,102.0	90.80	357.20	4,757.9	3,548.5	-70.0	-1,782.5	0.74	0.74	0.00
8,198.0	91.10	357.10	4,756.3	3,644.4	-74.8	-1,833.2	0.33	0.31	-0.10
8,293.0	89.50	358.30	4,755.8	3,739.3	-78.6	-1,882.6	2.11	-1.68	1.26
8,388.0	89.80	359.00	4,756.4	3,834.2	-80.8	-1,930.6	0.80	0.32	0.74
8,484.0	89.70	358.90	4,756.8	3,930.2	-82.6	-1,978.7	0.15	-0.10	-0.10
8,579.0	90.10	358.90	4,757.0	4,025.2	-84.4	-2,026.4	0.42	0.42	0.00
8,675.0	90.00	358.80	4,756.9	4,121.2	-86.3	-2,074.6	0.15	-0.10	-0.10
8,770.0	89.90	359.00	4,757.0	4,216.2	-88.2	-2,122.3	0.24	-0.11	0.21
8,866.0	90.20	358.60	4,756.9	4,312.2	-90.2	-2,170.6	0.52	0.31	-0.42
8,962.0	90.40	358.60	4,756.4	4,408.1	-92.5	-2,219.2	0.21	0.21	0.00
9,057.0	91.00	358.50	4,755.2	4,503.1	-94.9	-2,287.4	0.64	0.63	-0.11
Last MWD Survey									

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,057.0	4,755.2	4,503.1	-94.9	Last MWD Survey

Checked By: _____ Approved By: _____ Date: _____