



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1089945
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1089945

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chesapeake Operating, Inc.
Well Name	Danielson 25-34-8 1H
Doc ID	1089945

All Electric Logs Run

2" TVD
2" MD
5" TVD
5" MD
ML.HZ
ML.VT
ML
Array Compensated True Resistivity
Spectral Density Dual Spaced Neutron

Form	ACO1 - Well Completion
Operator	Chesapeake Operating, Inc.
Well Name	Danielson 25-34-8 1H
Doc ID	1089945

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	115	Class A	54	
Surface	12.25	9.6250	36	755	J-55	380	
Intermediate	8.75	7	26	4995	P-110	465	
Production Liner	6.1250	4.500	13.5000	9231	P-110	465	

TOPOGRAPHIC LAND SURVEYORS

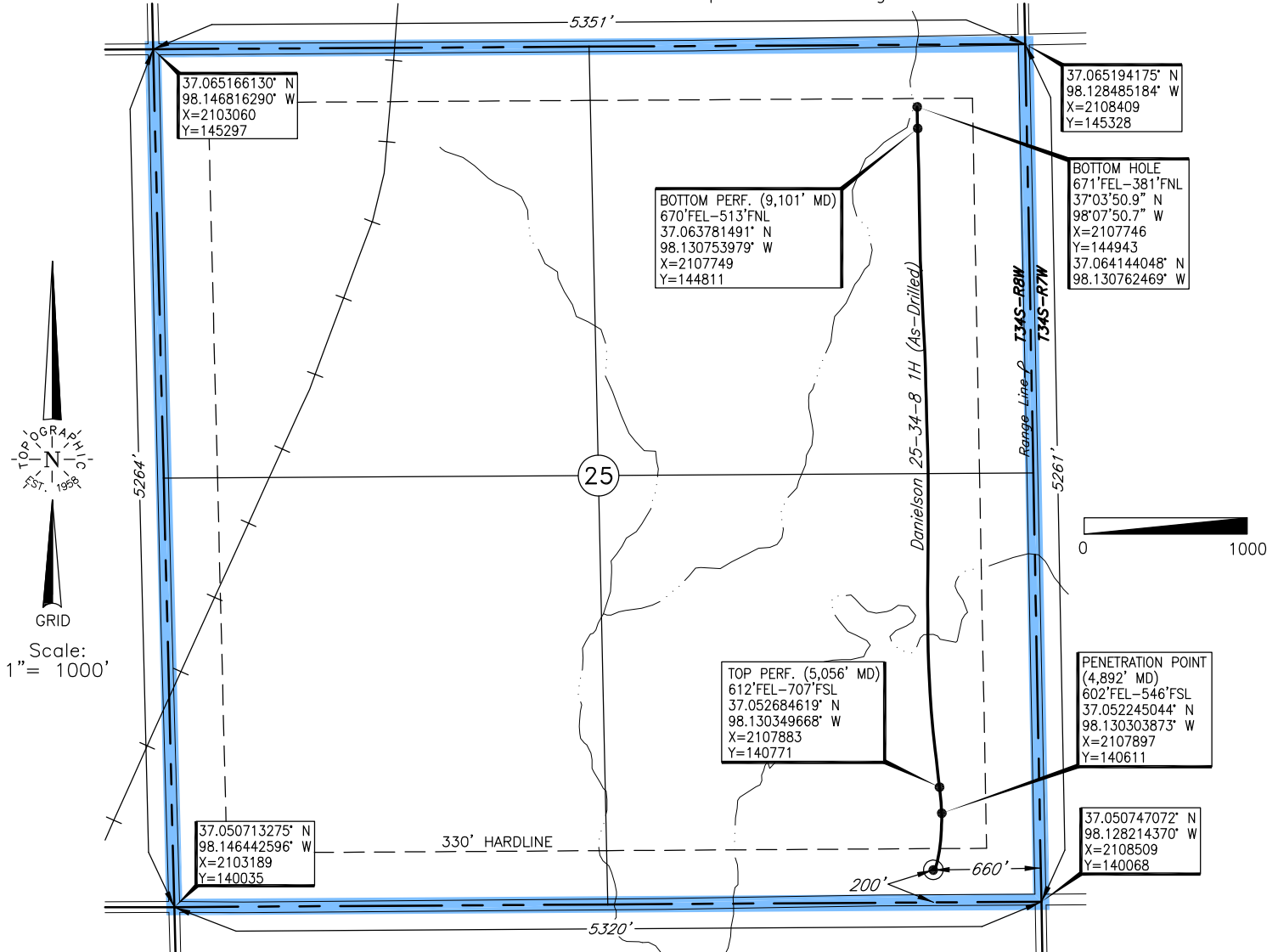
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

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

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

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
 FURNISHED BY CHESAPEAKE OPERATING

NOTE:
 THIS DRAWING HAS BEEN ADJUSTED
 TO CURRENT COORDINATE SYSTEM

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

STATE PLANE
 COORDINATES:
 ZONE: KS SOUTH
 X: 2107845
 Y: 140264



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



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	ST1 (Wellbore #1)	MWD-Chesapeake	MWD-Chesapeake	

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)	
4,200.0	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	

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

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	



Company:	Chesapeake Operating	Local Co-ordinate Reference:	Well Danielson 25-34-8 1H
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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

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)	
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	3,453.6	-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	-2,267.4	0.64	0.63	-0.11	
Last MWD Survey										

Survey Annotations					
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: _____

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659		Ship To #: 2925053		Quote #:		Sales Order #: 9523858							
Customer: CHESAPEAKE OPERATING INC EBUSINESS				Customer Rep: Prater, Josh									
Well Name: Danielson 25-34-8			Well #: 1H		API/UWI #:								
Field:		City (SAP): ANTHONY		County/Parish: Harper		State: Kansas							
Legal Description: Section 25 Township 34S Range 8W													
Contractor: Trinidad			Rig/Platform Name/Num: Trinidad 205										
Job Purpose: Cement Intermediate Casing													
Well Type: Development Well				Job Type: Cement Intermediate Casing									
Sales Person: CRAWFORD, ROBERT			Srcv Supervisor: GILREATH, JAMES		MBU ID Emp #: 493907								
Job Personnel													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #						
DAVIS, TROY Robert		5.5	498798	GILREATH, JAMES P		5.5	493907						
Equipment													
HES Unit #	Distance-1 way		HES Unit #	Distance-1 way		HES Unit #	Distance-1 way						
Job Hours													
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours					
TOTAL	Total is the sum of each column separately												
Job				Job Times									
Formation Name				Date	Time	Time Zone							
Formation Depth (MD) Top		Bottom	Called Out	18 - May - 2012	19:30	CST							
Form Type		BHST	On Location	19 - May - 2012	00:00	CST							
Job depth MD		4995. ft	Job Depth TVD	4995. ft	Job Started	19 - May - 2012	02:40	CST					
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	19 - May - 2012	03:33	CST						
Perforation Depth (MD) From		To	Departed Loc	19 - May - 2012	05:30	CST							
Well Data													
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft		
Intermediate Open Hole				8.75				750.	5033.	750.	4814.		
Intermediate Casing	Unknow n		7.	6.276	26.		P-110	.	5033.	.	4814.		
Surface Casing	Unknow n		9.625	8.921	36.		J-55	.	750.				
Sales/Rental/3rd Party (HES)													
Description				Qty	Qty uom	Depth	Supplier						
SHOE,GID,7 AB HDL 26,P/Q,TPRD OFFST				1	EA								
CLR,FLT,7 AB HDL 26,P/Q,4-1/4				1	EA								
KIT,HALL WELD-A				2	EA								
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	HES
Stage Tool										Centralizers			
Miscellaneous Materials													
Gelling Agt		Conc	Surfactant	Conc	Acid Type	Qty	Conc	%					
Treatment Fid		Conc	Inhibitor	Conc	Sand Type	Size	Qty						
Fluid Data													

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water		20.00	bbl	8.33	.0	.0	.0		
2	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	230.0	sacks	13.8	1.5	6.78		6.78	
	2 %	BENTONITE, BULK (100003682)								
	0.5 %	HALAD(R)-9, 50 LB (100001617)								
	5 lbm	KOL-SEAL, BULK (100064233)								
	6.779 Gal	FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement	189	Shut In: Instant		Lost Returns		Cement Slurry	61	Pad		
Top Of Cement	3273	5 Min		Cement Returns	0	Actual Displacement	189	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe	Amount	43.56 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature <i>Cliff Boland</i> <i>Cliff Boland</i>						

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2925053	Quote #:	Sales Order #: 9545108
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Prater, Josh	
Well Name: Danielson 25-34-8	Well #: 1H	API/UWI #:	
Field:	City (SAP): ANTHONY	County/Parish: Harper	State: Kansas
Legal Description: Section 25 Township 34S Range 8W			
Contractor: Trinidad		Rig/Platform Name/Num: Trinidad205	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: CRAWFORD, ROBERT		Srv Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
TURNER, DANIEL J	9	461812	WALTON, SCOTTY Dwayne	9	478229			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10714264C	60 mile	10994449	60 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5-29-12	9	1.5	5-30-12	2	1			
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out	29 - May - 2012	13:00 CST
Form Type BHST	On Location	29 - May - 2012	17:00 CST
Job depth MD 9233. ft Job Depth TVD 4963. ft	Job Started	29 - May - 2012	22:28 CST
Water Depth Wk Ht Above Floor 4. ft	Job Completed	30 - May - 2012	00:57 CST
Perforation Depth (MD) From To	Departed Loc	30 - May - 2012	02:00 CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Liner Open Hole				6.125				5033.	9322.	4814.	4963.
Intermediate Casing	Unknown		7.	6.276	26.		P-110	.	5033.	.	4814.
Production Liner	New		4.5	3.92	13.5	LTC	P-110	4395.	9322.	4395.	4963.
Drill Pipe	New		4.	3.34	14.	XT-39		.	4395.	.	5376.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh wAter		10.00	bbl	8.33	.0	.0	.0	
2	50/50 POZ STANDARD (w/ 2% extra gel)	ECONOCEM (TM) SYSTEM (452992)	465.0	sacks	13.8	1.47	7.03		7.03
	2 %	BENTONITE, BULK (100003682)							
	0.5 %	HALAD(R)-9, 50 LB (100001617)							
	7.029 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	84 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 29, 2012

Aletha Dewbre
Chesapeake Operating, Inc.
6200 N WESTERN AVE
PO BOX 18496
OKLAHOMA CITY, OK 73118-1046

Re: ACO1
API 15-077-21749-01-00
Danielson 25-34-8 1H
SE/4 Sec.25-34S-08W
Harper County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Aletha Dewbre

ALLIED OIL & GAS SERVICES, LLC 053408

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal K.S.

DATE <u>05-04-12</u>	SEC. <u>24</u>	TWP. <u>34s</u>	RANGE <u>8w</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30</u>	JOB FINISH <u>6:30</u>
LEASE <u>Donielson</u> WELL # <u>1H</u>		LOCATION <u>Vec. Manchester OK ge 5.4</u>		COUNTY <u>Harper</u>	STATE <u>K.S.</u>		
OLD OR <u>NEW</u> (Circle one)		to CR SW-60 5 west to CR SW-50					

CONTRACTOR Trinidad #205 OWNER _____

TYPE OF JOB <u>Surface</u>		CEMENT	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>755'</u>	AMOUNT ORDERED <u>Lead = 230^{SK} 65/35/16%</u>	
CASING SIZE <u>9 5/8" 36 1/2'</u>		gel <u>2% CC</u>	
TUBING SIZE	DEPTH	Tail Class A <u>2% CC 150^{SK}</u>	
DRILL PIPE	DEPTH		
TOOL	DEPTH		
PRES. MAX	MINIMUM	COMMON <u>150</u>	@ _____
MEAS. LINE	SHOE JOINT <u>47.15</u>	POZMIX	@ _____
CEMENT LEFT IN CSG.		GEL	@ _____
PERFS.		CHLORIDE <u>9</u>	@ _____
DISPLACEMENT <u>55.3 BBL of H₂O</u>		ASC	@ _____

EQUIPMENT

David F. Lio
PUMP TRUCK CEMENTER Ruben Chavez
#531-541 HELPER Kenny Baza / Jose G.
BULK TRUCK
#421-252 DRIVER Garret
BULK TRUCK
#364 DRIVER Derek

<u>Waiting Time 7hr @ 300.00 NO CHARGE</u>	
HANDLING <u>5</u>	
MILEAGE ! <u>2</u>	
TOTAL	

REMARKS:

_____ Thank You!!!

CHARGE TO: Chesapeake Energy Corp.
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>755 feet</u>	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE <u>450 @ .95</u>	
MILEAGE <u>50 @ 7.00</u>	
MANIFOLD <u>1 @ 200.00</u>	
light vehicle mi <u>50 @ 4.00</u>	
TOTAL	

PLUG & FLOAT EQUIPMENT

<u>9 5/8"</u>	
Rubber Plug <u>1 @ 1</u>	
	@ _____
	@ _____
	@ _____
TOTAL	

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
TOTAL CHARGES \$ _____
DISCOUNT \$ _____ IF PAID IN 30 DAYS

PRINTED NAME HARRY Kirkman
SIGNATURE HARRY Kirkman

Elite Drilling, LLC.

3105 Bent Creek Drive
 Woodward, OK 73801
 Phone: 580-571-5602
 Fax: 580-256-1868



INVOICE

Bill To

Chesapeake Energy Corporation
 P.O. Box 548806
 Oklahoma City, OK 73154-8806

Date	Invoice #
4/27/2012	4464

Ordered By	Terms	Due Date	Lease	Legals & County Info
Ed	Net 30	5/27/2012	Danielson 25-34-8-1H	Sec. 25-34S-8W
Description				Amount
Drilled rathole, mousehole, and conductor hole on the Danielson 25-34-8-1H - Trinidad Rig #205 on 04/27/2012 Materials (including discount) Drilled 120' of 32" Conductor Hole Furnished 120' of 20" Conductor Pipe Furnished 30' Shuck Drilled 78' of 22" mouse hole Furnished 78' of 16" pipe Dirt Removal Furnished Welder & Materials Furnished Water Truck Furnished 18 yds of grout Furnished mud truck Cattle panels to fence off holes AFE- 156854 PN- 639215				
THANK YOU FOR YOUR BUSINESS!!!			Total	