



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1068960
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: _____

1068960

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

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	Schmidt 3-34-4 1H
Doc ID	1068960

All Electric Logs Run

Cement Bond Gamma Ray CCL Log
Spectral Density Dual Spaced Neutron Gamma Ray Memory Log
Array Induction Gamma Ray Memory Log
1" TVD Log
1" MD Log
5" TVD Log
5" MD Log
Horizon Mud Log - 4450 - 8670'
Horizon Mud Log - 2800 - 4962'

Form	ACO1 - Well Completion
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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	120		168	
surface	12.25	9.6250	36	500		270	
intermediate	8.75	7	26	4732		400	
production	6.1250	4.5	13.5	8670		400	

TOPOGRAPHIC LAND SURVEYORS

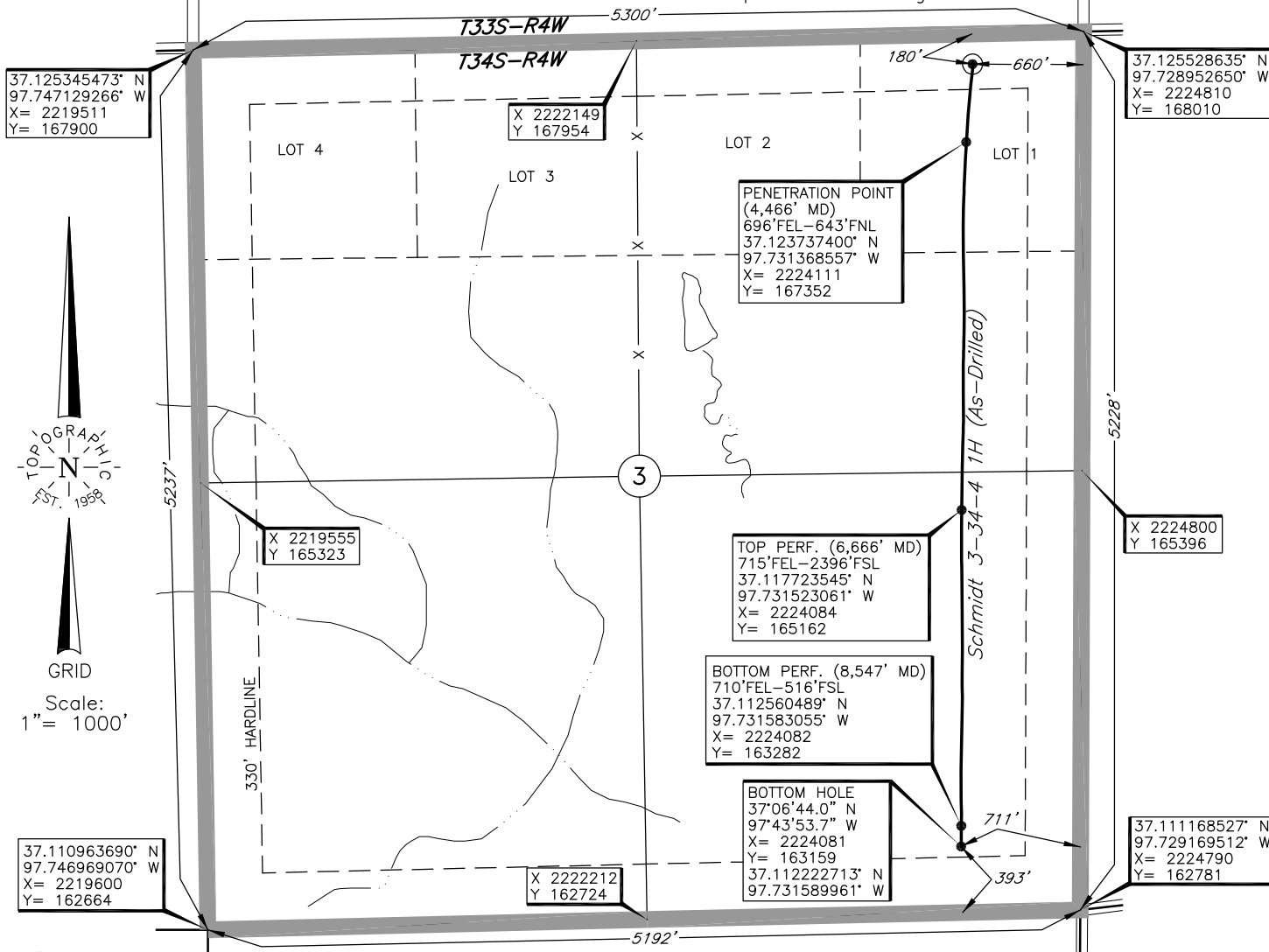
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. LS-99, Exp. Dec 31, 2011

SUMNER

County, Kansas

180'FNL - 660'FEL Section 3 Township 34S Range 4W 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: SCHMIDT 3-34-4

ELEVATION:
1224' Gr. at Stake

Topography & Vegetation Loc. fell in terraced plowed wheat field

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

Best Accessibility to Location From North

Distance & Direction
from Hwy Jct or Town From Caldwell, KS, go ±6.5 mi. North, then ±7.0 mi. West to NE Cor. of Sec. 3-T34S-R4W

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

GPS
DATUM: NAD-27
LAT: 37°07'30.0"N
LONG: 97°43'52.4"W
LAT: 37.125010838
LONG: 97.731225113

Invoice # 175449 Date of Drawing: Nov. 07, 2011
169026 Date Staked: Jun. 27, 2011 JP

FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION
FURNISHED BY CHESAPEAKE OPERATING

STATE PLANE
COORDINATES:
ZONE: KS-SOUTH
X: 222419
Y: 167816

Notice of Conductor Pipe Installation

Installation Company Information

Firm Name	<u>Elite Drilling, LLC.</u>
Mailing Address	<u>3105 Bent Creek Drive</u>
City	<u>Woodward</u>
State	<u>OK</u>
Zip	<u>73801</u>

Well Operator Information

Operator name	<u>Chesapeake Operating, Inc.</u>
Mailing Address	<u>Rt. 1 Box 5-A</u>
City	<u>Waynoka</u>
State	<u>OK</u>
Zip	<u>73860</u>

Well Information

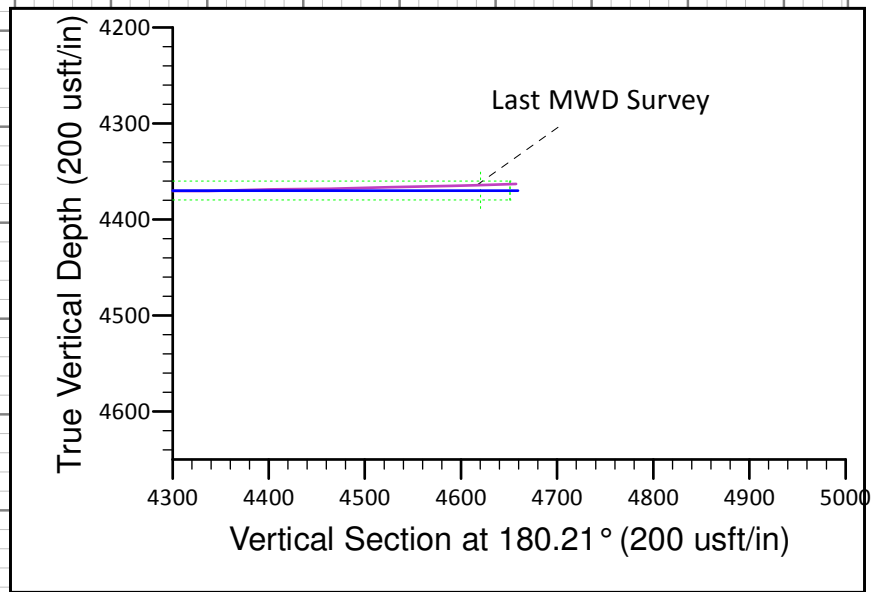
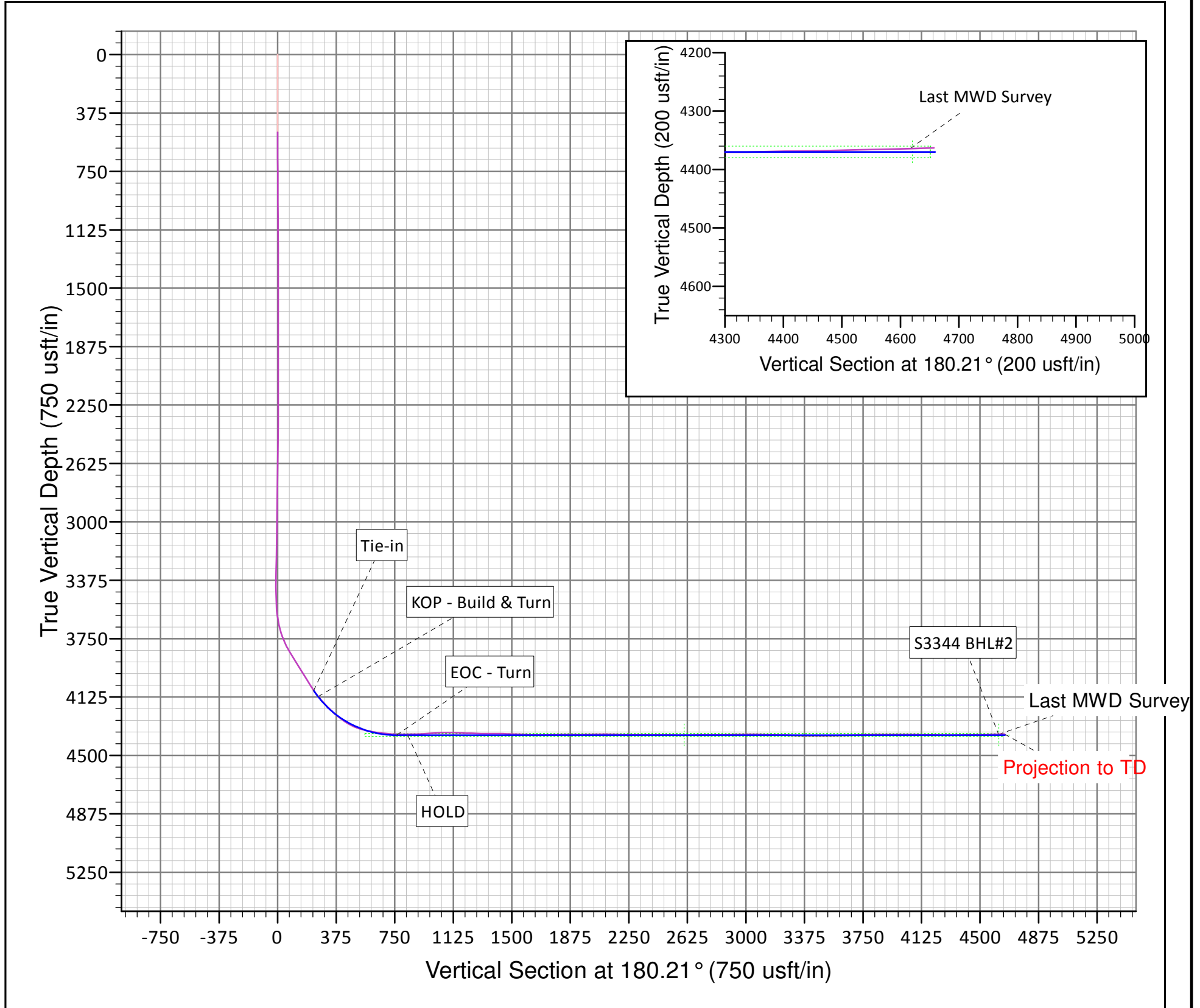
Well Name	<u>Schmidt 3-34-4-1H</u>
Legal location	<u>Sec. 3-34S-4W</u>
Footage	<u></u>
County	<u></u>

Installation Details

Pipe Size	<u>20"</u>
Depth	<u>120'</u>
Completion Method	<u>Displacement</u>
Date installed	<u>8/14/2011</u>
Cement	<u>18 yds Class A Type 1</u>



Project: Sumner County, Kansas
 Site: Schmidt Lease
 Well: Schmidt 3-34-4 #1H
 Wellbore: Lateral #1
 Design: Plan #2



Well Details	
Chesapeake Operating	
Schmidt 3-34-4 #1H	
Sumner County, Kansas	
GL Elev: 1224.0	
Trinidad 205	
RKB @ 1239.0usft (Trinidad 205)	

ANNOTATIONS								
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
4083.2	4143.0	34.20	184.20	-230.8	-22.1	230.9	0.0	Tie-in
4122.1	4191.0	37.50	184.20	-258.8	-24.2	258.9	28.1	KOP - Build & Turn
4369.9	4771.3	90.00	182.42	-760.5	-51.3	760.7	530.6	EOC - Turn
4369.9	4845.0	90.00	180.21	-834.2	-53.0	834.4	604.2	HOLD
4369.9	8670.0	90.00	180.21	-4659.2	-67.0	4659.4	4429.2	TD at 8670'

Operator: Chesapeake
 Lease Name: Schmidt 3-34-4 1H
 Job Number: 21256
 Survey Company: Intrepid-DDS



Target KBTVD: 4370
 Target Angle: 90.0
 Section Plane: 180.2
 Total Declination Correction: 4.04

#	Survey Depth	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD	+Above -Below Target
Tie in	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	100	0.2	207.3	100	100.0	0.2	-0.2	-0.1	0.2	0.2	100.0	4270.0
2	200	0.2	315.5	100	200.0	0.2	-0.2	-0.3	0.0	0.3	200.0	4170.0
3	300	0.3	128.4	100	300.0	0.3	-0.3	-0.2	0.1	0.4	300.0	4070.0
4	400	0.2	64.5	100	400.0	0.3	-0.3	0.2	-0.1	0.3	400.0	3970.0
5	500	0.2	64.5	100	500.0	0.2	-0.2	0.6	0.0	0.0	500.0	3870.0
6	599	0.3	134.6	99	599.0	0.2	-0.3	0.9	0.1	0.3	599.0	3771.0
7	662	0.1	163.4	63	662.0	0.4	-0.4	1.1	-0.3	0.3	662.0	3708.0
8	757	0.2	133.9	95	757.0	0.6	-0.6	1.2	0.1	0.1	757.0	3613.0
9	852	0.4	127.6	95	852.0	0.9	-0.9	1.6	0.2	0.2	852.0	3518.0
10	947	0.4	162.2	95	947.0	1.4	-1.5	2.0	0.0	0.3	947.0	3423.0
11	1042	0.5	167.0	95	1042.0	2.2	-2.2	2.2	0.1	0.1	1042.0	3328.0
12	1136	0.2	156.2	94	1136.0	2.7	-2.7	2.3	-0.3	0.3	1136.0	3234.0
13	1231	0.1	229.7	95	1231.0	2.9	-2.9	2.3	-0.1	0.2	1231.0	3139.0
14	1326	0.1	242.9	95	1326.0	3.0	-3.0	2.2	0.0	0.0	1326.0	3044.0
15	1422	0.2	184.5	96	1422.0	3.2	-3.2	2.1	0.1	0.2	1422.0	2948.0
16	1517	0.2	191.1	95	1517.0	3.5	-3.5	2.0	0.0	0.0	1517.0	2853.0
17	1612	0.2	264.2	95	1612.0	3.7	-3.7	1.8	0.0	0.3	1612.0	2758.0
18	1708	0.0	209.5	96	1708.0	3.7	-3.7	1.7	-0.2	0.2	1708.0	2662.0
19	1803	0.3	166.4	95	1803.0	4.0	-4.0	1.7	0.3	0.3	1803.0	2567.0
20	1897	0.1	11.4	94	1897.0	4.1	-4.1	1.8	-0.2	0.4	1897.0	2473.0
21	1993	0.2	316.5	96	1993.0	3.9	-3.9	1.7	0.1	0.2	1993.0	2377.0
22	2089	0.3	351.9	96	2089.0	3.6	-3.6	1.6	0.1	0.2	2089.0	2281.0
23	2184	0.1	125.1	95	2184.0	3.4	-3.4	1.6	-0.2	0.4	2184.0	2186.0
24	2280	0.2	85.4	96	2280.0	3.4	-3.4	1.8	0.1	0.1	2280.0	2090.0
25	2375	0.3	46.4	95	2375.0	3.2	-3.2	2.2	0.1	0.2	2375.0	1995.0
26	2470	0.5	15.5	95	2470.0	2.6	-2.7	2.5	0.2	0.3	2470.0	1900.0
27	2564	0.8	358.5	94	2564.0	1.6	-1.6	2.6	0.3	0.4	2564.0	1806.0
28	2654	1.0	339.4	90	2654.0	0.2	-0.2	2.3	0.2	0.4	2654.0	1716.0
29	2754	1.0	340.1	100	2753.9	-1.4	1.4	1.7	0.0	0.0	2753.9	1616.1
30	2849	1.0	342.9	95	2848.9	-3.0	3.0	1.1	0.0	0.1	2848.9	1521.1
31	2943	0.7	334.7	94	2942.9	-4.3	4.3	0.7	-0.3	0.3	2942.9	1427.1
32	3038	0.7	354.6	95	3037.9	-5.4	5.4	0.3	0.0	0.3	3037.9	1332.1
33	3134	1.0	16.2	96	3133.9	-6.8	6.8	0.5	0.3	0.5	3133.9	1236.1
34	3229	0.9	345.9	95	3228.9	-8.3	8.3	0.6	-0.1	0.5	3228.9	1141.1
35	3324	0.9	353.9	95	3323.9	-9.8	9.7	0.3	0.0	0.1	3323.9	1046.1
36	3419	1.0	339.4	95	3418.9	-11.3	11.3	-0.1	0.1	0.3	3418.9	951.1
37	3571	5.0	179.1	152	3570.7	-5.9	5.9	-0.4	2.6	3.9	3570.7	799.3

Operator: Chesapeake
 Lease Name: Schmidt 3-34-4 1H
 Job Number: 21256
 Survey Company: Intrepid-DDS



Target KBIVD: 4370
 Target Angle: 90.0
 Section Plane: 180.2
 Total Declination Correction: 4.04

#	Survey Depth	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/S (Ft.)	+E/W (Ft.)	BUR	DLS	KBIVD	+Above -Below Target
38	3666	13.0	175.0	95	3664.5	8.9	-8.9	0.6	8.4	8.4	3664.5	705.5
39	3761	21.9	186.3	95	3755.0	37.2	-37.2	-0.4	9.4	10.0	3755.0	615.0
40	3856	31.5	188.3	95	3839.8	79.5	-79.5	-6.0	10.1	10.1	3839.8	530.2
41	3951	32.4	186.0	95	3920.4	129.4	-129.4	-12.2	0.9	1.6	3920.4	449.6
42	4047	31.4	185.0	96	4001.9	179.9	-179.9	-17.1	-1.0	1.2	4001.9	368.1
43	4111	31.9	185.2	64	4056.4	213.4	-213.3	-20.1	0.8	0.8	4056.4	313.6
44	4143	34.2	184.2	32	4083.2	230.8	-230.7	-21.5	7.2	7.4	4083.2	286.8
45	4175	38.0	183.0	32	4109.1	249.6	-249.5	-22.7	11.9	12.1	4109.1	260.9
46	4206	40.2	183.5	31	4133.1	269.1	-269.1	-23.8	7.1	7.2	4133.1	236.9
47	4238	42.0	183.9	32	4157.2	290.1	-290.0	-25.1	5.6	5.7	4157.2	212.8
48	4270	43.9	184.4	32	4180.6	311.9	-311.8	-26.7	5.9	6.0	4180.6	189.4
49	4301	45.9	184.5	31	4202.6	333.7	-333.6	-28.4	6.5	6.5	4202.6	167.4
50	4333	48.0	184.6	32	4224.4	357.0	-356.9	-30.3	6.6	6.6	4224.4	145.6
51	4365	50.4	184.1	32	4245.4	381.2	-381.1	-32.1	7.5	7.6	4245.4	124.6
52	4397	53.3	184.7	32	4265.1	406.3	-406.2	-34.0	9.1	9.2	4265.1	104.9
53	4429	56.0	184.0	32	4283.6	432.3	-432.2	-36.0	8.4	8.6	4283.6	86.4
54	4461	61.0	183.2	32	4300.3	459.5	-459.4	-37.7	15.6	15.8	4300.3	69.7
55	4492	65.9	182.8	31	4314.2	487.2	-487.1	-39.2	15.6	15.7	4314.2	55.8
56	4524	71.0	182.5	32	4326.0	516.9	-516.8	-40.5	16.1	16.1	4326.0	44.0
57	4556	76.1	182.4	32	4335.0	547.6	-547.4	-41.9	15.9	15.9	4335.0	35.0
58	4588	78.2	182.5	32	4342.1	578.8	-578.6	-43.2	6.6	6.6	4342.1	27.9
59	4620	80.1	182.7	32	4348.2	610.2	-610.0	-44.6	5.9	6.0	4348.2	21.8
60	4652	82.2	182.7	32	4353.1	641.8	-641.6	-46.1	6.6	6.6	4353.1	16.9
61	4683	83.4	183.1	31	4357.0	672.5	-672.3	-47.7	3.9	4.1	4357.0	13.0
62	4715	84.4	182.5	32	4360.4	704.3	-704.1	-49.2	3.1	3.6	4360.4	9.6
63	4747	86.6	182.4	32	4362.9	736.1	-736.0	-50.6	6.9	6.9	4362.9	7.1
64	4778	88.1	181.8	31	4364.3	767.1	-766.9	-51.7	4.8	5.2	4364.3	5.7
65	4809	89.9	181.1	31	4364.9	798.1	-797.9	-52.5	5.8	6.2	4364.9	5.1
66	4841	90.9	181.0	32	4364.6	830.1	-829.9	-53.1	3.1	3.1	4364.6	5.4
67	4873	91.5	180.9	32	4364.0	862.1	-861.9	-53.6	1.9	1.9	4364.0	6.0
68	4904	92.0	180.8	31	4363.0	893.0	-892.8	-54.1	1.6	1.6	4363.0	7.0
69	4999	93.8	181.0	95	4358.2	987.9	-987.7	-55.6	1.9	1.9	4358.2	11.8
70	5031	94.4	180.8	32	4355.9	1019.8	-1019.6	-56.1	1.9	2.0	4355.9	14.1
71	5062	92.0	180.1	31	4354.2	1050.8	-1050.6	-56.3	-7.7	8.1	4354.2	15.8
72	5094	91.0	179.8	32	4353.4	1082.8	-1082.6	-56.3	-3.1	3.3	4353.4	16.6
73	5125	88.3	179.0	31	4353.6	1113.7	-1113.5	-56.0	-8.7	9.1	4353.6	16.4
74	5157	87.4	178.8	32	4354.8	1145.7	-1145.5	-55.3	-2.8	2.9	4354.8	15.2
75	5188	88.0	179.1	31	4356.0	1176.7	-1176.5	-54.8	1.9	2.2	4356.0	14.0

Operator: Chesapeake
 Lease Name: Schmidt 3-34-4 1H
 Job Number: 21256
 Survey Company: Intrepid-DDS



Target KBTVD: 4370
 Target Angle: 90.0
 Section Plane: 180.2
 Total Declination Correction: 4.04

#	Survey Depth	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/-S (Ft.)	+E/-W (Ft.)	BUR	DLS	KBTVD	+Above -Below Target	
76	5220	88.2	178.9	32	4357.1	1208.7	-1208.5	-54.2	0.6	0.9	4357.1	12.9	
77	5252	88.6	178.9	32	4357.9	1240.6	-1240.4	-53.6	1.2	1.3	4357.9	12.1	
78	5283	89.0	178.9	31	4358.6	1271.6	-1271.4	-53.0	1.3	1.3	4358.6	11.4	
79	5314	89.0	178.8	31	4359.1	1302.6	-1302.4	-52.4	0.0	0.3	4359.1	10.9	
80	5346	89.5	178.7	32	4359.6	1334.6	-1334.4	-51.7	1.6	1.6	4359.6	10.4	
81	5377	90.1	178.7	31	4359.7	1365.6	-1365.4	-51.0	1.9	1.9	4359.7	10.3	
80	5409	90.5	178.7	32	4359.5	1397.6	-1397.4	-50.3	1.3	1.3	4359.5	10.5	
81	5441	88.3	179.6	32	4359.8	1429.6	-1429.4	-49.8	-6.9	7.4	4359.8	10.2	
82	5473	87.3	179.8	32	4361.1	1461.5	-1461.4	-49.6	-3.1	3.2	4361.1	8.9	
83	5504	87.7	179.7	31	4362.4	1492.5	-1492.3	-49.5	1.3	1.3	4362.4	7.6	
84	5536	87.6	181.1	32	4363.7	1524.5	-1524.3	-49.7	-0.3	4.4	4363.7	6.3	
85	5568	87.8	181.2	32	4365.0	1556.4	-1556.3	-50.4	0.6	0.7	4365.0	5.0	
86	5599	88.2	181.5	31	4366.1	1587.4	-1587.2	-51.1	1.3	1.6	4366.1	3.9	
87	5631	88.0	181.3	32	4367.2	1619.4	-1619.2	-51.9	-0.6	0.9	4367.2	2.8	
88	5662	88.0	181.0	31	4368.2	1650.4	-1650.2	-52.5	0.0	1.0	4368.2	1.8	
89	5694	90.2	181.4	32	4368.7	1682.4	-1682.2	-53.2	6.9	7.0	4368.7	1.3	
90	5725	91.0	181.5	31	4368.4	1713.3	-1713.2	-53.9	2.6	2.6	4368.4	1.6	
91	5757	91.2	181.3	32	4367.8	1745.3	-1745.1	-54.7	0.6	0.9	4367.8	2.2	
92	5789	91.3	181.0	32	4367.1	1777.3	-1777.1	-55.4	0.3	1.0	4367.1	2.9	
93	5820	92.0	180.8	31	4366.2	1808.3	-1808.1	-55.8	2.3	2.3	4366.2	3.8	
94	5852	89.5	180.4	32	4365.8	1840.3	-1840.1	-56.2	-7.8	7.9	4365.8	4.2	
95	5884	89.3	180.1	32	4366.1	1872.3	-1872.1	-56.3	-0.6	1.1	4366.1	3.9	
96	5916	89.3	179.7	32	4366.5	1904.3	-1904.1	-56.3	0.0	1.2	4366.5	3.5	
97	5947	90.1	179.6	31	4366.7	1935.3	-1935.1	-56.1	2.6	2.6	4366.7	3.3	
98	5979	90.8	179.4	32	4366.4	1967.3	-1967.1	-55.8	2.2	2.3	4366.4	3.6	
99	6011	91.0	179.2	32	4365.9	1999.3	-1999.1	-55.4	0.6	0.9	4365.9	4.1	
100	6042	91.4	179.3	31	4365.3	2030.3	-2030.1	-55.0	1.3	1.3	4365.3	4.7	
101	6074	91.6	179.1	32	4364.4	2062.2	-2062.1	-54.6	0.6	0.9	4364.4	5.6	
102	6106	89.8	179.5	32	4364.0	2094.2	-2094.1	-54.2	-5.6	5.8	4364.0	6.0	
103	6138	88.9	181.5	32	4364.4	2126.2	-2126.0	-54.4	-2.8	6.9	4364.4	5.6	
104	6169	88.4	181.8	31	4365.1	2157.2	-2157.0	-55.3	-1.6	1.9	4365.1	4.9	
105	6201	88.6	181.8	32	4366.0	2189.2	-2189.0	-56.3	0.6	0.6	4366.0	4.0	
106	6233	89.0	181.7	32	4366.6	2221.2	-2221.0	-57.3	1.3	1.3	4366.6	3.4	
107	6264	89.3	181.9	31	4367.1	2252.2	-2252.0	-58.3	1.0	1.2	4367.1	2.9	
108	6296	89.5	181.8	32	4367.4	2284.1	-2283.9	-59.3	0.6	0.7	4367.4	2.6	
109	6327	89.6	181.8	31	4367.7	2315.1	-2314.9	-60.3	0.3	0.3	4367.7	2.3	
110	6390	89.4	180.9	63	4368.2	2378.1	-2377.9	-61.8	-0.3	1.5	4368.2	1.8	
111	6453	89.6	180.7	63	4368.8	2441.1	-2440.9	-62.7	0.3	0.4	4368.8	1.2	

Operator: Chesapeake
 Lease Name: Schmidt 3-34-4 1H
 Job Number: 21256
 Survey Company: Intrepid-DDS



Target KBTVD: 4370
 Target Angle: 90.0
 Section Plane: 180.2
 Total Declination Correction: 4.04

#	Survey Depth	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Ft.)	Vertical Section	+N/S (Ft.)	+E/W (Ft.)	BUR	DLS	KBTVD	+Above -Below Target	
112	6516	89.7	180.6	63	4369.2	2504.1	-2503.9	-63.4	0.2	0.2	4369.2	0.8	
113	6579	89.6	180.5	63	4369.6	2567.1	-2566.9	-64.0	-0.2	0.2	4369.6	0.4	
114	6643	90.1	180.7	64	4369.7	2631.1	-2630.9	-64.7	0.8	0.8	4369.7	0.3	
115	6706	90.4	180.5	63	4369.4	2694.1	-2693.9	-65.3	0.5	0.6	4369.4	0.6	
116	6769	90.5	180.3	63	4369.0	2757.1	-2756.9	-65.8	0.2	0.4	4369.0	1.0	
117	6832	91.0	180.2	63	4368.1	2820.1	-2819.9	-66.0	0.8	0.8	4368.1	1.9	
118	6896	90.8	179.6	64	4367.1	2884.1	-2883.9	-65.9	-0.3	1.0	4367.1	2.9	
119	6960	90.9	179.3	64	4366.2	2948.1	-2947.8	-65.3	0.2	0.5	4366.2	3.8	
120	7023	91.2	179.0	63	4365.0	3011.0	-3010.8	-64.4	0.5	0.7	4365.0	5.0	
121	7084	88.9	179.7	61	4365.0	3072.0	-3071.8	-63.7	-3.8	3.9	4365.0	5.0	
122	7147	88.0	179.9	63	4366.7	3135.0	-3134.8	-63.5	-1.4	1.5	4366.7	3.3	
123	7210	88.4	179.8	63	4368.6	3198.0	-3197.7	-63.3	0.6	0.7	4368.6	1.4	
124	7274	88.4	179.5	64	4370.4	3261.9	-3261.7	-62.9	0.0	0.5	4370.4	-0.4	
125	7337	88.3	178.9	63	4372.3	3324.9	-3324.7	-62.0	-0.2	1.0	4372.3	-2.3	
126	7400	89.1	179.4	63	4373.7	3387.9	-3387.7	-61.1	1.3	1.5	4373.7	-3.7	
127	7464	90.3	180.3	64	4374.0	3451.9	-3451.7	-60.9	1.9	2.3	4374.0	-4.0	
128	7527	90.6	180.7	63	4373.5	3514.9	-3514.7	-61.5	0.5	0.8	4373.5	-3.5	
129	7590	91.1	180.4	63	4372.6	3577.9	-3577.6	-62.1	0.8	0.9	4372.6	-2.6	
130	7654	91.5	180.3	64	4371.1	3641.8	-3641.6	-62.5	0.6	0.6	4371.1	-1.1	
131	7717	91.3	179.6	63	4369.6	3704.8	-3704.6	-62.4	-0.3	1.2	4369.6	0.4	
132	7780	92.0	179.3	63	4367.8	3767.8	-3767.6	-61.8	1.1	1.2	4367.8	2.2	
133	7844	91.2	180.3	64	4366.0	3831.8	-3831.6	-61.6	-1.3	2.0	4366.0	4.0	
134	7907	89.1	181.6	63	4365.8	3894.7	-3894.5	-62.6	-3.3	3.9	4365.8	4.2	
135	7971	90.2	181.8	64	4366.2	3958.7	-3958.5	-64.5	1.7	1.7	4366.2	3.8	
136	8034	90.2	181.5	63	4366.0	4021.7	-4021.5	-66.3	0.0	0.5	4366.0	4.0	
137	8097	89.3	181.1	63	4366.3	4084.7	-4084.5	-67.8	-1.4	1.6	4366.3	3.7	
138	8160	88.8	180.8	63	4367.3	4147.7	-4147.4	-68.8	-0.8	0.9	4367.3	2.7	
139	8224	88.3	180.1	64	4368.9	4211.6	-4211.4	-69.3	-0.8	1.3	4368.9	1.1	
140	8287	88.7	178.9	63	4370.6	4274.6	-4274.4	-68.8	0.6	2.0	4370.6	-0.6	
141	8350	91.9	178.9	63	4370.3	4337.6	-4337.4	-67.6	5.1	5.1	4370.3	-0.3	
142	8414	90.7	179.9	64	4368.8	4401.6	-4401.3	-66.9	-1.9	2.4	4368.8	1.2	
143	8477	90.9	179.9	63	4367.9	4464.5	-4464.3	-66.8	0.3	0.3	4367.9	2.1	
144	8540	91.6	180.3	63	4366.6	4527.5	-4527.3	-66.9	1.1	1.3	4366.6	3.4	
145	8603	91.3	180.4	63	4365.0	4590.5	-4590.3	-67.3	-0.5	0.5	4365.0	5.0	
146	8629	91.7	180.9	26	4364.3	4616.5	-4616.3	-67.6	1.5	2.5	4364.3	5.7	
EOW	8670	91.7	180.9	41	4363.1	4657.5	-4657.3	-68.2	0.0	0.0	4363.1	6.9	

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

December 19, 2011

Aletha Dewbre / David Wiist
Chesapeake Operating, Inc.
6100 N WESTERN AVE
PO BOX 18496
OKLAHOMA CITY, OK 73054-0496

Re: ACO1
API 15-191-22631-01-00
Schmidt 3-34-4 1H
NE/4 Sec.03-34S-04W
Sumner 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 / David Wiist

ATTENTION: IMPORTANT REGULATORY DOCUMENT
 retain for your records and file with
 appropriate agency.

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2872668	Quote #:	Sales Order #: 8404813
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Lee, King	
Well Name: Schmidt 3-34-4	Well #: 1H	API/UWI #:	
Field:	City (SAP): CALDWELL	County/Parish: Sumner	State: Kansas
Legal Description: Section 3 Township 34S Range 4W			
Contractor: Trinidad		Rig/Platform Name/Num: 205	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: CRAWFORD, ROBERT		Srcv Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
KIRKLAND, LARRY Don	36	286162	TRAVIS, TONY Craig	40	367758	UNDERWOOD, BILLY Dale	40	159068

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10825967	135 mile	11133701	135 mile	11288856	135 mile	11715801	135 mile
11748311	135 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
8-21-11	21	0	8-22-11	19	1			

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	500. ft	BHST	On Location	21 - Aug - 2011	02:00	CST
Job depth MD		Job Depth TVD	Job Started	21 - Aug - 2011	03:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	22 - Aug - 2011	00:00	CST
Perforation Depth (MD) From		To	Departed Loc	22 - Aug - 2011	00:00	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
Surface Open Hole				12.25				80.	500.		
Preset Conductor	Unknown		20.	19.124	94.				80.		
Surface Casing	Unknown		9.625	8.921	36.				500.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CLR,FLT,TROPHY SEAL, 9-5/8 8RD	1	EA		
CENTRALIZER-9-5/8"-CSG-12 1/4"-HINGED	3	EA		
BASKET - CEMENT - 9-5/8 CSG X 12-1/4	2	EA		
SHOE,CSG,TIGER TOOTH,9-5/8 8RD	1	EA		

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

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2872668	Quote #:	Sales Order #: 8404813
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Lee, King	
Well Name: Schmidt 3-34-4	Well #: 1H	API/UWI #:	
Field:	City (SAP): CALDWELL	County/Parish: Sumner	State: Kansas
Legal Description: Section 3 Township 34S Range 4W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Trinidad		Rig/Platform Name/Num: 205	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: CRAWFORD, ROBERT		Srcv Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/21/2011 00:01							MOVING OVER/JOURNEY MANAGEMENT/BULK BURNS FLAT
Depart from Service Center or Other Site	08/21/2011 00:10							
Arrive at Location from Other Job or Site	08/21/2011 03:00							ASSESS LOCATION/TEST WATER/GET WITH CONSULTANT
Standby Rig	08/21/2011 03:30							RIGGING UP TOPDRIVE
Arrive at Location from Other Job or Site	08/21/2011 07:30							BULK TRUCK ON LOCATION
Standby Rig	08/21/2011 12:00							WORKING ON TOPDRIVE
Standby Rig	08/21/2011 18:00							WORKING ON TOPDRIVE
Standby Rig	08/22/2011 00:00							WORKING ON TOPDRIVE
Standby Rig	08/22/2011 02:00							DRILL BIT AT CONDUCTOR/WORKING ON FLOWLINE
Standby Rig	08/22/2011 04:00							SPUDDING IN
Standby Rig	08/22/2011 10:00							TD/RUN VES WIRE TOOL
Standby Rig	08/22/2011 11:30							PULL DRILL PIPE/LAY DOWN 8" COLLARS
Safety Meeting - Pre Rig-Up	08/22/2011 13:00							USE SPOOTER/EYE ON PATH
Rig-Up Equipment	08/22/2011 13:05							
Rig-Up Completed	08/22/2011 13:30							STANDBY RIGGING UP TO RUN CASING

Sold To #: 344659

Ship To #: 2872668

Quote #:

Sales Order #: 8404813

SUMMIT Version: 7.20.130

XXX, XXX 00, 0000 00:00:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Rig-Up Equipment	08/22/2011 16:00							HOOK UP HEAD/CIRCULATE WITH RIG
Safety Meeting - Pre Job	08/22/2011 17:30							JOB AND SAFETY PROCEDURES
Test Lines	08/22/2011 17:40						2000.0	GOOD TEST
Pump Water	08/22/2011 17:51		4.5	20			100.0	FRESH WATER
Pump Lead Cement	08/22/2011 17:58		5	62			150.0	12.4#/GAL HLC
Pump Tail Cement	08/22/2011 18:12		4	21			150.0	15.6#/GAL STANDARD
Drop Plug	08/22/2011 18:17							
Pump Displacement	08/22/2011 18:21		4	36			125.0	FRESH WATER
Pump Displacement	08/22/2011 18:30		3				170.0	SLOW RATE
Bump Plug	08/22/2011 18:33						700.0	30BBLS CEMENT RETURNS
Check Floats	08/22/2011 18:35							HOLDING
End Job	08/22/2011 18:40							RIGDOWN MEETING
Rig-Down Equipment	08/22/2011 18:45							
Rig-Down Completed	08/22/2011 19:05							JOURNEY MANAGEMENT
Depart Location for Service Center or Other Site	08/22/2011 19:15							

Sold To # : 344659

Ship To # :2872668

Quote # :

Sales Order # :

8404813

SUMMIT Version: 7.20.130

XXX, XXX 00, 0000 00:00:00

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2872668	Quote #:	Sales Order #: 8425212
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Lee, King	
Well Name: Schmidt 3-34-4	Well #: 1H	API/UWI #:	
Field:	City (SAP): CALDWELL	County/Parish: Sumner	State: Kansas
Legal Description: Section 3 Township 34S Range 4W			
Contractor: Trinidad	Rig/Platform Name/Num: 205		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well	Job Type: Cement Intermediate Casing		
Sales Person: CRAWFORD, ROBERT	Srvc 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 #
ARCHULETA, ERICK	16	454260	TURNER, DANIEL J	17	461812	WALTON, SCOTTY Dwayne	17	478229

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10714264C	135 mile	11234610	135 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9-3-11	9	0	9-4-11	8	2			
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	03 - Sep - 2011	12:00	CST
Job depth MD	4732. ft		Job Depth TVD	Job Started	03 - Sep - 2011	15:00	CST
Water Depth			Wk Ht Above Floor	Job Completed	04 - Sep - 2011	06:16	CST
Perforation Depth (MD)	From		To	Departed Loc	04 - Sep - 2011	07:14	CST
						08:30	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				500.	4732.	500.	4309.
Intermediate Casing	Unknown		7.	6.276	26.	AB HD-L	P-110		4732.		4309.
Surface Casing	Unknown		9.625	8.921	36.				500.		

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	Conc	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	

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			bbl	8.6	.0	.0	.0		
2	VERSA BLEND STANDARD	VERSACEM (TM) SYSTEM (452010)		sacks 210	12.5	2.02	9.9		9.9	
	10 %	CAL-SEAL 60, BULK (100064022)								
	0.5 %	HALAD(R)-9, 50 LB (100001617)								
	0.2 %	WG-17, 50 LB SK (100003623)								
	0.5 %	D-AIR 3000 (101007446)								
	5 lbm	KOL-SEAL, BULK (100064233)								
	9.895 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	42 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>HARRY KIRKMAN</i>						

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2872668	Quote #:	Sales Order #: 8425212
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Lee, King	
Well Name: Schmidt 3-34-4	Well #: 1H	API/UWI #:	
Field:	City (SAP): CALDWELL	County/Parish: Sumner	State: Kansas
Legal Description: Section 3 Township 34S Range 4W			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Trinidad		Rig/Platform Name/Num: 205	
Job Purpose: Cement Intermediate Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: CRAWFORD, ROBERT		Srvc Supervisor: WALTON, SCOTTY	MBU ID Emp #: 478229

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/03/2011 12:00							Scotty Walton, Daniel Turner, Eric Archuleta
Pre-Convoy Safety Meeting	09/03/2011 13:00							Scotty Walton, Daniel Turner, Eric Archuleta
Depart from Service Center or Other Site	09/03/2011 14:00							
Arrive At Loc	09/03/2011 15:00							Arrived at Location Safely, Went over job procedures, calculations, and safety hazards.
Other	09/03/2011 15:05							Upon Arriving to Location: Rig Was Pulling Out Drillpipe from Wiper, Tested Water, Started Running Casing
Assessment Of Location Safety Meeting	09/03/2011 15:10							Identified all Potential hazards and Safe Work Zones
Pre-Rig Up Safety Meeting	09/04/2011 03:45							All HES Personell Present (watch for trip hazards, low lite areas, pinch points , confined spaces, and wear all appropriate PPE)
Rig-Up Equipment	09/04/2011 04:00							
Rig-Up Completed	09/04/2011 04:50							Rig Up Completed Safely
Rig-Up Equipment	09/04/2011 05:00							Stabbed Cementing Head and Rigged Up Bales from Standpipe to Head
Rig-Up Completed	09/04/2011 05:29							Rig Up Completed Safely
Circulate Well	09/04/2011 05:30							Rig Circulated Well for 1HR

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Job Safety Meeting	09/04/2011 06:00							All HES, Customer Rep., and Rig Crew Present (Went over dangers of being near pressurized lines, PPE, Pumping Procedures, heat stress and safe zones, muster point, and nearest hospital)
Pressure Test	09/04/2011 06:16							Test Lines to 5000PSI (Rig Floor Clear, and Pumping Equipment area Clear)
Pump Spacer	09/04/2011 06:19		5.5		10		350.0	Pump 10BBL of Freshwater Spacer
Pump Lead Cement	09/04/2011 06:24		5.5		75		275.0	Pump 75BBL of 12.5PPG Versablend Standard Cement (210SKS, 2.02ft3/sk, 9.9gal/sk)
Shutdown	09/04/2011 06:38							Pumping Cement Completed
Drop Top Plug	09/04/2011 06:39							Plug Left Cementing Head
Pump Displacement	09/04/2011 06:40		7		188		250.0	Started Displacement Pumping 7BPM Until Displacement Reaches Cement
Displ Reached Cmnt	09/04/2011 06:54		6		95		900.0	Slowed Rate from 7BPM to 6BPM Caught Cement 95BBL Into Displacement
Slow Rate	09/04/2011 07:08		3		175		800.0	Slowed Rate to Bump Plug
Bump Plug	09/04/2011 07:11		3		188		1300.0	Bumped Plug 500Psi Over Pumping Pressure
Check Floats	09/04/2011 07:14							Floats Held
Pre-Rig Down Safety Meeting	09/04/2011 07:15							All HES Personell Present (Went Over Heat Stress, PPE, Pinch Points, Trip Hazards, and Importance of Communication)
Rig-Down Equipment	09/04/2011 07:20							
Rig-Down Completed	09/04/2011 08:20							Rig Down Completed Safely

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location Safety Meeting	09/04/2011 08:25							Scotty Walton, Daniel Turner, Eric Archuleta
Depart Location for Service Center or Other Site	09/04/2011 08:30							Scotty Walton, Daniel Turner, Eric Archuleta

Sold To # : 344659

Ship To # :2872668

Quote # :

Sales Order # :

8425212

SUMMIT Version: 7.2.27

Sunday, September 04, 2011 07:41:00

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2872668	Quote #:	Sales Order #: 8464093
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: Lee, King	
Well Name: Schmidt 3-34-4	Well #: 1H	API/UWI #:	
Field:	City (SAP): CALDWELL	County/Parish: Sumner	State: Kansas
Legal Description: Section 3 Township 34S Range 4W			
Contractor: Trinidad		Rig/Platform Name/Num: 205	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: CRAWFORD, ROBERT		Srvc 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 #
STANGL, TIMOTHY David Loui	0	333480	TOPE, GEOFFREY Daniel	14	489420	TURNER, DANIEL J	14	461812
WALTON, SCOTTY Dwayne	14	478229						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10714264C	50 mile	10857010	50 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
9-14-11	14	3.5						

TOTAL *Total is the sum of each column separately*

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					13 - Sep - 2011	22:00	CST
Form Type			BHST	On Location	14 - Sep - 2011	02:45	CST
Job depth MD	8670. ft		Job Depth TVD	4300. ft	Job Started	14 - Sep - 2011	13:15
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	14 - Sep - 2011	16:26
Perforation Depth (MD)	From		To		Departed Loc	14 - Sep - 2011	18:00

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				4732.	8738.	4309.	4276.
Intermediate Casing	Unknown		7.	6.276	26.	AB HD-L	P-110	.	4732.	.	4309.
Production Liner	New		4.5	3.92	13.5	LTC	P-110	4632.	8738.	4309.	4276.
Drill Pipe	New		4.5	3.826	16.6			.	4632.	.	4309.

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
1	DUAL SPACER	DUAL SPACER - SBM (13251)	20.00	bbl	9.2	.0	.0	.0	
	38.2 gal/bbl	FRESH WATER							
	0.05 gal/bbl	D-AIR 3000L, 5 GAL PAIL (101007444)							
	0.1 gal/bbl	DUAL SPACER MIXING AID EXP (101001921)							
	1.5 gal/bbl	SEM-8, 5 GAL PAIL (101235090)							
2	50/50 Poz Premium	ECONOCEM (TM) SYSTEM (452992)	400.0	sacks	13.8	1.51	6.45		6.45
	6.449 Gal	FRESH WATER							
	0.5 %	D-AIR 3000 (101007446)							
	0.2 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	0.6 %	HALAD(R)-344, 50 LB (100003670)							
	10 lbm	KOL-SEAL, BULK (100064233)							
Calculated Values		Pressures		Volumes					
Displacement	106	Shut In: Instant		Lost Returns	0	Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns	35	Actual Displacement	112	Treatment	
Frac Gradient		15 Min		Spacers	20	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					