ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # #32334
Name: Chesapeake Operating, Inc.
Address: P. O. Box 18496
City/State/Zip: Oklahoma City, OK 73154-0496
Purchaser:
Operator Contact Person: Doug Howeth, Aletha Dewbre-King
Phone: (405) 848-8000
Contractor: Name:
License:
Wellsite Geologist:

Designate Type of Completion:
___ New Well X Re-Entry XX Workover
___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
X Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: Chesapeake Operating, Inc.
Well Name: OG Hinshaw 1-18
Original Comp. Date: 8/21/1987 Original Total Depth: 6188
___ Deepening XX Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back ___ Plug Back Total Depth
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Enhr.?) Docket No.

2/23/07		3/6/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 189-21086-00-01
County: Stevens
- SW NE Sec. 18 Twp. 31 S. R. 35 ☐ East ☒ West
3300 FSL feet from S / N (circle one) Line of Section
2020 FEL feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: O G Hinshaw Well #: 1-18
Field Name: West Cave
Producing Formation: Morrow
Elevation: Ground: 2994 Kelly Bushing: 3005
Total Depth: 6188 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)
ALT I WH 1-15-08
Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Doug Howeth (by Aletha Dewbre-King)
Title: Assoc. Asset Manager Date: 12/14/2007
Subscribed and sworn to before me this 14th day of December, 2007
Notary Public:
Date Commission Expires: 9/11/2011

KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes ☐ Date:
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 17 2007
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Chesapeake Operating, Inc. Lease Name: O G Hinshaw Well #: 1-18

Sec. 18 Twp. 31 S. R. 35 ☐ East ☒ West County: Stevens

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) ☐ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run (Submit Copy) ☐ Yes ☐ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

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KANSAS CORPORATION COMMISSION
DEC 17 2007
CONSERVATION DIVISION
WICHITA, KS

CASING RECORD ☐ New ☐ 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
Surface		8 5/8"	24#	1,750		565	
Production		5 1/2"	14#	6,230		350	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate X Protect Casing ___ Plug Back TD ___ Plug Off Zone	4,244' -	Common (Sqz)	250 sx	150 sx w/ 2% CC, 150 sx neat
	4,275'			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	Chester - 5988-5993	401 bbl clear frac, 547,736 scf N2,	
3	Chester - 5975-5980	47,380 lbs 20/40 Ottawa	
	Morrow	55 gal ARC-MSA, 55 bbl 2% KCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	n/a			☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
Shut-in	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

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

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____

Schlumberger

Stimulation Service Report

Customer	Job Number
CHESAPEAKE OPERATING COMPANY	2205553082

Well	Location (legal)	Schlumberger Location	Job Start
OG HINSHAW 1 18		Perryton, TX	2007-Feb-26

Field	Formation Name/Type	Deviation	BitSize:	Well MD	Well TVD
		°	in	6,400 ft	6,400 ft

County	State/Province	BHP	BHST	BHCT	Pore Pres Gradient
STEVENS	KANSAS	psi	140 °F	°F	psi/ft
Well Maste 0630893445	API / UW				

Rig Name	Drilled For	Service Via
	Gas	

Offshore Zone	Well Class	Well Type
	Old	Workover

Primary Treating Fluid	Polymer Loading	Fluid Density
70QN2/2%CLEARFRAC	20 lb/1000gal	lb/gal

Service Line	Job Type
Fracturing	Frac,N2Foam/Energized

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
5000 psi	psi	2 7/8" 7.9# T/S

Service Instructions

FRAC THE CHESTER FORM WITH 3000 GAL U66 PRE PAD + 2000 GAL SWEEP + 10000 GAL 70Q N2 3% CLEARFRAC + 17500 GAL 70Q N2 2% CLEARFRAC + 1396 GAL 50Q N2 FLUSH + 47000 LBS 20/40 OTTAWA @ 18 BPM.
700 MSCF N2 (476 DOWNHOLE)

Job Scheduled For:	Arrived on Location:	Leave Location:
2/26/2007	2007-Feb-26 6:30	2007-Feb-26 12:00

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
6400	5.5	14		

Tubing/Drill Pipe

Depth,	Size, in	Weight, lb/ft	Grade	Thread
5875	2.875	7.9		

Perforations/Open Hole

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
5975	5980	2	10	ft
5988	5993	2	10	Diameter
				in

Treat Down	Displacement	Packer Type	Packer Depth
Tubing	bbl		ft

Tubing Vol.	CasingVol.	AnnularVol.	OpenHoleVol
bbl	bbl	bbl	bbl

Date	Time (24 hr clock)	Treating Pressure (psi)	BH PRESS (psi)	Slurry Rate (bbl/min)	Proppant Conc (PPA)	BH PROP CON (PPA)	SLUR DENS (lb/gal)	TOT CFLD (bbl)	TOT SLUR (bbl)	Message
2007-Feb-26	9:31	5052	0	0.0	0.0	0.0	7.78	0.0	0.0	
2007-Feb-26	9:31									Pressure Test N2 Lines
2007-Feb-26	9:31	4806	0	0.1	0.0	0.0	7.73	0.0	0.0	
2007-Feb-26	9:31									Pressure Test Lines
2007-Feb-26	9:31	4629	0	0.0	0.0	0.0	7.79	0.0	0.0	
2007-Feb-26	9:31	4621	0	-0.0	0.0	0.0	7.76	0.0	0.0	
2007-Feb-26	9:32	4643	0	-0.0	0.0	0.0	7.77	0.0	0.0	
2007-Feb-26	9:33	4552	0	-0.0	0.0	0.0	7.76	0.0	0.0	
2007-Feb-26	9:33	97	0	0.1	0.0	0.0	7.79	0.0	0.0	
2007-Feb-26	9:34	309	0	-0.0	0.0	0.0	7.70	0.0	0.0	
2007-Feb-26	9:35	373	0	0.0	0.0	0.0	7.64	0.0	0.0	
2007-Feb-26	9:35	381	0	-0.0	0.0	0.0	7.63	0.0	0.0	
2007-Feb-26	9:36	382	0	-0.0	0.0	0.0	7.65	0.0	0.0	
2007-Feb-26	9:37	-8	0	0.6	0.0	0.0	5.76	0.0	0.0	
2007-Feb-26	9:37									Started U66 PrePAD
2007-Feb-26	9:37	7	840	7.6	0.0	0.0	6.32	0.2	0.4	
2007-Feb-26	9:37	11	181	9.0	0.0	0.0	7.20	5.8	5.9	
2007-Feb-26	9:38	8	8	9.4	0.0	0.0	7.47	12.0	12.1	
2007-Feb-26	9:39	8	8	9.6	0.0	0.0	7.50	18.3	18.5	
2007-Feb-26	9:39	8	8	9.6	0.0	0.0	7.51	24.7	24.8	
2007-Feb-26	9:40	8	8	9.6	0.0	0.0	7.53	31.0	31.2	
2007-Feb-26	9:41									Stage at Perfs: U66 PrePAD
2007-Feb-26	9:41	1722	3606	4.9	0.0	0.0	7.57	35.3	35.4	
2007-Feb-26	9:41	1674	3565	4.8	0.0	0.0	7.56	36.0	36.0	
2007-Feb-26	9:41	2138	3900	5.3	0.0	0.0	7.51	39.3	39.4	
2007-Feb-26	9:42	2095	3848	5.2	0.0	0.0	7.54	42.8	42.9	

Well	Field	Service Date	Customer	Job Number
OG HINSHAW 1 #18		2007-Feb-26	CHESAPEAKE OPERATING COMPANY	2205553082

Date	Time	Treating Pressure	BH PRESS	Slurry Rate	Proppant Conc	BH PROP CON	SLUR DENS	TOT CFLD	TOT SLUR	Message
	24 hr clock	psi	psi	bbl/min	PPA	PPA	lb/gal	bbl	bbl	
2007-Feb-26	9:43	2117	3858	5.3	0.0	0.0	8.52	46.3	46.4	
2007-Feb-26	9:43	2112	3860	5.3	0.0	0.0	8.52	49.9	49.9	
2007-Feb-26	9:44	2151	3900	5.3	0.0	0.0	8.52	53.4	53.5	
2007-Feb-26	9:45	2162	3920	5.3	0.0	0.0	8.52	56.9	57.0	
2007-Feb-26	9:45	2155	3920	5.2	0.0	0.0	8.49	60.4	60.5	
2007-Feb-26	9:46	2185	3953	5.3	0.0	0.0	8.50	63.9	63.9	
2007-Feb-26	9:47	2205	3979	5.2	0.0	0.0	8.49	67.3	67.4	
2007-Feb-26	9:47	2214	3977	5.2	0.0	0.0	8.50	70.8	70.9	
2007-Feb-26	9:48	2222	3994	5.2	0.0	0.0	8.48	71.4	71.5	
2007-Feb-26	9:48									Started Spacer Automatically
2007-Feb-26	9:48	3922	3914	9.4	0.0	0.0	8.56	75.3	75.4	
2007-Feb-26	9:49	4108	3659	10.1	0.0	0.0	8.60	81.8	82.0	
2007-Feb-26	9:49	4199	3759	10.0	0.0	0.0	8.66	88.6	88.7	
2007-Feb-26	9:50	4143	3671	10.1	0.0	0.0	8.68	95.3	95.4	
2007-Feb-26	9:51	4142	3670	10.1	0.0	0.0	8.68	102.0	102.2	
2007-Feb-26	9:51									Stage at Perfs: Spacer
2007-Feb-26	9:51	4119	3620	10.2	0.0	0.0	8.70	106.9	107.1	
2007-Feb-26	9:51	4124	3657	10.2	0.0	0.0	8.67	108.8	109.0	
2007-Feb-26	9:52	4117	3646	10.2	0.0	0.0	8.68	115.5	115.7	
2007-Feb-26	9:53	2577	4882	3.2	0.0	0.0	8.64	118.9	119.0	
2007-Feb-26	9:53	2588	4885	3.2	0.0	0.0	8.64	119.0	119.1	
2007-Feb-26	9:53									Started Pad Automatically
2007-Feb-26	9:53	3738	2598	5.5	0.0	0.0	8.66	121.4	121.5	
2007-Feb-26	9:54	4994	3271	4.7	0.0	0.0	8.66	125.0	125.1	
2007-Feb-26	9:55	4798	4109	4.3	0.0	0.0	8.65	127.8	127.9	
2007-Feb-26	9:55	4728	4471	4.2	0.0	0.0	8.68	129.6	129.6	
2007-Feb-26	9:55									Stage at Perfs: Pad
2007-Feb-26	9:55	4660	4377	4.2	0.0	0.0	8.66	130.6	130.7	
2007-Feb-26	9:56	4664	4346	5.5	0.0	0.0	8.61	133.9	134.0	
2007-Feb-26	9:57	4848	4576	5.4	0.0	0.0	8.65	137.5	137.6	
2007-Feb-26	9:57	4939	4702	5.3	0.0	0.0	8.59	141.0	141.1	
2007-Feb-26	9:58	4936	4699	5.4	0.0	0.0	8.61	144.6	144.6	
2007-Feb-26	9:59	4928	4690	5.3	0.0	0.0	8.66	148.1	148.2	
2007-Feb-26	9:59	4910	4671	5.3	0.0	0.0	8.65	151.7	151.7	
2007-Feb-26	10:00	4904	4667	5.3	0.0	0.0	8.63	155.2	155.3	
2007-Feb-26	10:01	4904	4669	5.3	0.0	0.0	8.65	158.8	158.9	
2007-Feb-26	10:01	4889	4652	5.4	0.0	0.0	8.67	162.4	162.5	
2007-Feb-26	10:02	4864	4625	5.4	0.0	0.0	8.67	166.0	166.1	
2007-Feb-26	10:03	4845	4605	5.4	0.0	0.0	8.62	169.6	169.7	
2007-Feb-26	10:03	4833	4594	5.4	0.0	0.0	8.62	173.2	173.3	
2007-Feb-26	10:04	4819	4578	5.4	0.0	0.0	8.61	176.8	176.9	
2007-Feb-26	10:05	4797	4554	5.3	0.0	0.0	8.63	180.4	180.5	
2007-Feb-26	10:05	4780	4537	5.4	0.0	0.0	8.69	184.0	184.1	
2007-Feb-26	10:06	4742	4499	5.5	0.0	0.0	8.62	187.6	187.7	
2007-Feb-26	10:07	4775	4538	5.9	0.0	0.0	8.65	190.5	190.6	
2007-Feb-26	10:07									Started 1.0 PPA Automatically
2007-Feb-26	10:07									Started Pumping Prop
2007-Feb-26	10:07	4774	4540	5.9	1.3	0.0	8.67	191.3	191.4	
2007-Feb-26	10:07	4698	4500	6.0	1.8	0.0	9.98	195.1	195.5	
2007-Feb-26	10:08	4657	4498	5.9	1.7	0.0	11.18	198.8	199.5	

Well	Field	Service Date	Customer	Job Number
OG HINSHAW 1 #18		2007-Feb-26	CHESAPEAKE OPERATING COMPANY	2205553082

Date	Time	Treating Pressure	BH PRESS	Slurry Rate	Proppant Conc	BH PROP CON	SLUR DENS	TOT CFLD	TOT SLUR	Message
	24 hr clock	psi	psi	bbl/min	PPA	PPA	lb/gal	bbl	bbl	
2007-Feb-26	10:09	4619	4482	6.0	1.8	0.0	11.43	201.6	202.5	
2007-Feb-26	10:09									Stage at Perfs: 1.0 PPA
2007-Feb-26	10:09	4619	4484	5.9	1.8	0.5	11.54	202.5	203.4	
2007-Feb-26	10:09	4577	4438	5.9	2.4	0.6	11.64	206.1	207.4	
2007-Feb-26	10:10	4537	4399	5.9	2.9	0.5	11.51	209.7	211.4	
2007-Feb-26	10:11									Started 2.0 PPA Automatically
2007-Feb-26	10:11	4605	4474	6.2	2.5	0.6	11.59	213.1	215.2	
2007-Feb-26	10:11	4608	4478	6.2	3.6	0.6	11.61	213.3	215.4	
2007-Feb-26	10:11	4624	4528	6.5	4.7	0.8	12.58	216.9	219.6	
2007-Feb-26	10:12	4660	4609	6.4	4.2	0.9	13.37	220.4	223.9	
2007-Feb-26	10:13	4696	4683	6.5	4.5	0.9	13.56	223.7	227.9	
2007-Feb-26	10:13									Stage at Perfs: 2.0 PPA
2007-Feb-26	10:13	4689	4677	6.5	4.6	1.3	13.55	224.0	228.2	
2007-Feb-26	10:13	4697	4689	6.4	4.6	1.4	13.55	227.5	232.5	
2007-Feb-26	10:14	4736	4732	6.6	4.6	1.4	13.57	231.1	236.8	
2007-Feb-26	10:15	4758	4755	6.5	4.7	1.5	13.52	234.7	241.1	
2007-Feb-26	10:15	4793	4794	6.4	4.7	1.5	13.60	238.2	245.5	
2007-Feb-26	10:16	4807	4806	6.4	4.6	1.4	13.63	241.8	249.8	
2007-Feb-26	10:16									Started 3.0 PPA Automatically
2007-Feb-26	10:16	4840	4846	7.1	8.6	1.5	13.75	243.8	252.4	
2007-Feb-26	10:17	4797	4819	6.9	9.5	1.5	13.81	245.2	254.3	
2007-Feb-26	10:17	4940	5026	6.8	9.7	1.4	15.04	248.4	258.9	
2007-Feb-26	10:18	4953	5083	6.3	10.1	1.6	15.06	251.5	263.3	
2007-Feb-26	10:19	4815	4937	6.4	9.1	2.7	15.25	253.3	265.9	
2007-Feb-26	10:19									Stage at Perfs: 3.0 PPA
2007-Feb-26	10:19	4764	4880	6.4	9.1	2.9	15.21	254.5	267.6	
2007-Feb-26	10:19	4735	4843	6.4	9.3	2.9	15.20	257.5	271.9	
2007-Feb-26	10:20	4723	4835	6.4	9.4	2.6	15.08	260.5	276.1	
2007-Feb-26	10:21	4641	4749	6.4	9.4	2.8	15.21	263.5	280.4	
2007-Feb-26	10:21	4638	4748	6.4	9.9	2.7	15.02	266.5	284.7	
2007-Feb-26	10:22	4613	4722	6.4	9.3	2.8	15.00	269.5	289.0	
2007-Feb-26	10:23	4607	4717	6.4	8.6	2.6	14.93	272.5	293.3	
2007-Feb-26	10:23	4584	4694	6.4	10.0	2.8	15.09	275.5	297.6	
2007-Feb-26	10:24	4524	4631	6.5	10.2	2.6	15.23	278.5	301.8	
2007-Feb-26	10:25	4545	4655	6.4	10.3	2.9	15.10	281.5	306.1	
2007-Feb-26	10:25	4598	4708	6.5	9.2	3.0	15.12	284.6	310.4	
2007-Feb-26	10:26									Started 4.0 PPA Automatically
2007-Feb-26	10:26	4637	4752	6.9	13.2	2.9	15.25	287.4	314.6	
2007-Feb-26	10:26	4647	4764	6.9	13.5	2.9	15.24	287.6	314.8	
2007-Feb-26	10:27	4675	4825	7.1	12.4	3.0	15.71	290.5	319.5	
2007-Feb-26	10:27	4736	4929	7.1	14.0	2.7	15.72	293.5	324.3	
2007-Feb-26	10:28	4783	5002	7.2	13.5	4.0	15.37	296.4	329.0	
2007-Feb-26	10:28									Stage at Perfs: 4.0 PPA
2007-Feb-26	10:28	4797	5017	7.1	14.1	4.0	15.42	296.6	329.3	
2007-Feb-26	10:29	4809	5032	7.1	13.0	3.8	15.86	298.8	332.8	
2007-Feb-26	10:29									Activated Extend Stage
2007-Feb-26	10:29	4867	5094	7.1	13.1	4.0	15.80	299.4	333.8	
2007-Feb-26	10:29	4897	5122	7.2	1.6	4.1	15.61	302.6	338.5	

Well	Field	Service Date	Customer	Job Number
OG HINSHAW 1 #18		2007-Feb-26	CHESAPEAKE OPERATING COMPANY	2205553082

Date	Time	Treating Pressure	BH PRESS	Slurry Rate	Proppant Conc	BH PROP CON	SLUR DENS	TOT CFLD	TOT SLUR	Message
	24 hr clock	psi	psi	bbl/min	PPA	PPA	lb/gal	bbl	bbl	
2007-Feb-26	10:30									Started Flush Manually
2007-Feb-26	10:30									Deactivated Extend Stage
2007-Feb-26	10:30	4691	4837	6.8	0.2	4.0	11.53	306.3	342.4	
2007-Feb-26	10:30	4616	4744	6.9	-0.1	4.3	10.62	307.1	343.2	
2007-Feb-26	10:31	3930	3424	8.7	-0.1	3.9	9.03	312.5	348.6	
2007-Feb-26	10:31	4449	3415	8.8	-0.2	1.5	8.98	318.3	354.4	
2007-Feb-26	10:32	3116	4265	4.4	-0.2	0.2	8.92	322.5	358.5	
2007-Feb-26	10:33									ISIP
2007-Feb-26	10:33	2705	4207	0.5	-0.3	0.2	8.87	324.3	360.1	
2007-Feb-26	10:33	2687	4336	0.0	-0.3	0.2	8.90	324.3	360.2	
2007-Feb-26	10:33	2596	4238	-0.0	-0.5	0.5	8.90	324.3	360.2	
2007-Feb-26	10:34	2542	4179	-0.0	-1.5	0.5	0.00	324.3	360.2	
2007-Feb-26	10:35	2507	4146	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:35	2480	4117	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:36	2460	4095	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:37	2444	4077	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:37	2430	4062	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:38	2428	4060	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:38									5MINUTE
2007-Feb-26	10:38	2419	4050	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:39	2408	4038	-0.0	-1.5	0.2	0.00	324.3	360.2	
2007-Feb-26	10:39	2399	4028	-0.0	-1.5	0.2	194.89	324.3	360.2	
2007-Feb-26	10:40	2390	4018	-0.0	-1.5	0.2	163.50	324.3	360.2	
2007-Feb-26	10:41	2382	4010	-0.0	-1.5	0.2	148.96	324.3	360.2	
2007-Feb-26	10:41	2376	4002	-0.0	-1.5	0.2	139.75	324.3	360.2	
2007-Feb-26	10:42	2369	3995	-0.0	-1.5	0.2	132.79	324.3	360.2	
2007-Feb-26	10:43	2365	3991	-0.0	-1.5	0.2	128.56	324.3	360.2	
2007-Feb-26	10:43									10MINUTE
2007-Feb-26	10:43	2364	3989	-0.0	-1.5	0.2	127.28	324.3	360.2	
2007-Feb-26	10:43	2359	3983	-0.0	-1.5	0.2	122.73	324.3	360.2	
2007-Feb-26	10:44	2353	3977	-0.0	-1.5	0.5	118.90	324.3	360.2	
2007-Feb-26	10:45	2348	3971	-0.0	-1.5	0.5	115.49	324.3	360.2	
2007-Feb-26	10:45	2344	3966	-0.0	-1.5	0.5	112.53	324.3	360.2	
2007-Feb-26	10:46	2339	3961	-0.0	-1.5	0.5	109.86	324.3	360.2	
2007-Feb-26	10:47	2334	3956	-0.0	-1.5	0.5	107.42	324.3	360.2	
2007-Feb-26	10:47	2330	3951	-0.0	-1.5	0.5	105.21	324.3	360.2	
2007-Feb-26	10:48									15 MINUTE
2007-Feb-26	10:48	2328	3949	-0.0	-1.5	0.5	104.70	324.3	360.2	
2007-Feb-26	10:48									Stopped Pumping Prop
2007-Feb-26	10:48	2328	3949	-0.0	-1.5	0.5	104.42	324.3	360.2	
2007-Feb-26	10:48	2324	3948	-0.0	0.0	0.5	103.14	324.3	360.2	
2007-Feb-26	10:49	54	3948	-0.0	0.0	0.5	101.23	324.3	360.2	

Well	Field	Service Date	Customer	Job Number
OG HINSHAW 1 #18		2007-Feb-26	CHESAPEAKE OPERATING COMPANY	2205563082

Date	Time (24 hr clock)	Treating Pressure (psi)	BH PRESS (psi)	Slurry Rate (bbl/min)	Proppant Conc (PPA)	BH PROP CON (PPA)	SLUR DENS (lb/gal)	TOT CFLD (bbl)	TOT SLUR (bbl)	Message

Post Job Summary

Average Injection Rates, bpm

Fluid	N2	CO2	Maximum Rate
6.4		0	10

Volume of Fluid Injected, bbl

Clean Fluid	Acid	Oil	CO2	N2 (scf)
390	0		0	547736

Treating Pressure Summary, psi

Breakdown	Maximum	Final	Average	ISIP	15 Min. ISIP
3328	5070	4462	4482	2705	2329

Quantity of 20/40 Ottawa & placed, lb

Total Injected	Total Ordered/Designed
47380	47000

N2 Percent	CO2 Percent	Designed Fluid Volume	Displacement	Slurry Volume	Pad Volume	Percent Pad
70 %	0 %	10500 gal	33.2 bbl	401 bbl	10000 gal	%

Customer or Authorized Representative	Schlumberger Supervisor	Number of Stages	Fracture Gradient	
NESS, BUD	Vela Jr, Eusebio	8	psi/ft	☑ Job Completed ☐ Screen Out