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STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACD-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

**CONFIDENTIAL**

Operator: License # 32334  
Name: Chesapeake Operating, Inc.  
Address P. O. Box 18496  
\_\_\_\_\_  
City/State/Zip Oklahoma City, OK 73154-0496

Purchaser: \_\_\_\_\_  
Operator Contact Person: Jim Gowens; B.J. Bale  
Phone ( 405 ) 848-8000

Contractor: Name: Murfin Drilling **KCC**  
License: 30606

Wellsite Geologist: Wes Hansen **APR 07 1999**

Designate Type of Completion **CONFIDENTIAL**  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
01/04/99 01/17/99 02/06/98  
Spud Date Date Reached TD Completion Date

API NO. 15- 067-21435  
County Grant  
-N/2-N/2-SW Sec. 11 Twp. 30S Rge. 35 X E  
2310 Feet from SN (circle one) Line of Section  
1320 Feet from EW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name MLP STUBBS Well # 1-11  
Field Name Many Creeks  
Producing Formation Morrow  
Elevation: Ground 3014' KB 3042'  
Total Depth 5750' PBTB 5720'  
Amount of Surface Pipe Set and Cemented at 1830 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 3017 Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.  
Drilling Fluid Management Plan A17.1, 8-17-99 OR  
(Data must be collected from the Reserve Pit)  
Chloride content 1,000 ppm Fluid volume 800 bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: **RELEASED**  
Operator Name \_\_\_\_\_ **APR 26 2000**  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
**FROM CONFIDENTIAL**  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
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 on 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 C.J. Andrews *[Signature]*  
Title N.M.C. District Manager Date 04/07/99  
Subscribed and sworn to before me this 7<sup>th</sup> day of April, 19 99.  
Notary Public Jan E. Fair  
Da ommission Expires My Commission Expires July 22, 2000

**K.C.C. OFFICE USE ONLY**  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify) IDG

**RECEIVED**  
**APR 12 1999**

**Y90C**

SIDE TWO

Operator Name Chesapeake Operating, Inc.

Lease Name MLP Stubbs

Well # 1-11

Sec. 11 Twp. 30S Rge. 35

East  
 West

County Grant

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

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

See Attached

List All E.Logs Run:  
Schlumberger Platform Express  
DIL/ML/BHC/CNL/FDC

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	12-1/4	8-5/8"	20#	1830'	35/65 Poz Cl C	335 325 100	3%CC; Flocele
Production	7-7/8"	5-1/2"	15.5#	5750'	Lite Cl H	125 150	2% CC
DV Tool		5-1/2"	15.5#	3025'	Cl C	350	

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				

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
4	5601-04'	750 gal acid; CAC 20,000 # Sand & 491 gal gel
2	5385-93'	Natural

TUBING RECORD	Size 2-7/8"	Set At 5427	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SMD or Inj. 02/06/99 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil 239 Bbls.	Gas 0 Mcf	Water 20 Bbls.	Gas-Oil Ratio NA	Gravity
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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)

ORIGINAL

Chesapeake Operating Inc.  
MLP Stubbs #1-11  
API: 15-067-21435  
Sec 11-T30S-R35W  
Grant County, Kansas

CONFIDENTIAL

RELEASED

APR 26 2000

FROM CONFIDENTIAL

Formation	Top	Subsea
Heebner Shale	4006	-964
Lansing	4116	-1074
Stark Shale	4561	-1519
Kansas City "A"	4600	-1558
Kansas City "B"	4649	-1607
Marmaton "A"	4747	-1705
Cherokee Shale	4938	-1896
Morrow Shale	5322	-2280
Morrow Sand	5386	-2344
St. Genevieve	5633	-2591

KCC

APR 07 1999

CONFIDENTIAL

DST #1 4764-4805 (Marmaton) Times: 30/60/45/90  
Recovered 100' O&GCM; 60' SOCMW  
IHP: 2265  
IFP: 22-61  
ISIP: 1392  
FFP: 66-108  
FSIP: 1371  
FHP: 2236  
BHT: 117

DST #2 5300-5420 (Morrow) Times: 30/60/15/90  
GTS 10"; Max 37 MCFD; OTS 4" of second open  
Recovered 5217 CGO; 60' HO&GCM  
IHP: 2545  
IFP: 1268-1393  
ISIP: 1479  
FFP: 1423-1443  
FSIP: 1486  
FHP: 2475  
BHT: 128

RECEIVED  
STATE OF KANSAS  
DEPARTMENT OF REVENUE

APR 12 1999

OFFICE OF THE ATTORNEY GENERAL  
TOPEKA, KANSAS

KCC

CONFIDENTIAL

Cementing Service Report

APR 07 1999

CONFIDENTIAL

Schlumberger Dowell		Customer CHESAPEAKE OPERATING INC			Job Number 20093814	
Well MLP STUBBS 1-11		Location (log) SEC 11-30S-35W		Dowell Location Ulysses, KS		Job Start 1/6/99
Field MANY CREEKS	Formation Name/Type SURFACE	Deviation 1	Blk Size 12.8 in	Well MD 1,830 ft	Well TVD 1,830 ft	
County GRANT	State/Province KANSAS	BHP psi	BHST 95 °F	BHCT 105 °F	Pore Press. Gradient psi/ft	
Rig Name	Drilled For Oil & Gas	Service Via Land	Casing/Liner			
Offshore Zone	Well Class New	Well Type Development	Depth, R 1827	Size, in 8.825	Weight, lb/ft 24	Grade Thread
Drilling Fluid Type	Max. Density 0 lb/gal	Plastic Viscosity 0 cp	Tubing/Drill Pipe			
Service Line Cementing	Job Type Cem Surface Casing		Depth, R 0	Size, in 0	Weight, lb/ft 0	Grade Thread
Max. Allowed Tubing Pressure 2000 psi	Max. Allowed Ann. Pressure 500 psi	Wellhead Connection Single cement head	Perforations/Open Hole			
Service Instructions PROVIDE CEMENT AND SERVICES TO SET 8 5/8" SURFACE CASING AT APPROX 1800 FT.			Top, R	Bottom, ft	spr	No. of Shots Total Interval ft
Casing/Tubing Secured <input checked="" type="checkbox"/>			1 Hole Volume Circulated prior to Cementing <input checked="" type="checkbox"/>		Diameter 0 in	
Test Down Casing	Displacement 114 bbl	Packer Type	Packer Depth 0 ft		Tubing Vol. 0 bbl	
Casing Vol.	116 bbl	Annular Vol.	0 bbl		Open Hole Vol 0 bbl	
Casing Tools			Squeeze Job			
Shoe Type Guide	Shoe Depth 181827 ft		Tool Type		Tool Depth 0 ft	
No. Cementations 0			Top Plugs 1		Bottom Plugs 0	
Cement Head Type Single			Collar Type Auto-Fill		Tail Pipe Size 0 in	
Job Scheduled For 1/6/99 4:00			Arrived on Location 1/6/99 11:30		Collar Depth 1785 ft	
			Leave Location		Sqr Total Vol 0 bbl	

Time	Cumulative	Density	Pressure U1	Test/Remarks	Message		
34 hr clock	bbl	ppg	psi	bpm			
7:00	0	0	0	0	0	0	START ACQUISITION
7:00	0	8.269	3524	0	0	0	
7:02	0	8.269	3524	0	0	0	Pressure Test Lines
7:02	3195	7.964	1669	0	0	0	
7:03	3195	7.964	1669	0	0	0	Bleed Off Pressure
7:03	3195	7.964	1669	0	0	0	Start Job
7:03	3195	7.964	1669	0	0	0	Start Pumping Water
7:04	8.186	8.186	330.2	6.738	0	0	
7:06	21.72	8.369	298.6	6.766	0	0	
7:07	21.72	8.369	298.6	6.766	0	0	Start Mixing Lead Slurry
7:07	21.72	8.369	298.6	6.766	0	0	{Cum Vol}=25.92 bbl
7:07	21.72	8.369	298.6	6.766	0	0	Reset Volume
7:09	11.08	12.22	411.6	7.913	0	0	
7:11	26.9	12.72	366.4	7.885	0	0	
7:13	42.57	12.48	321.2	7.913	0	0	
7:15	58.41	12.49	285	7.913	0	0	
7:17	74.25	12.53	285	7.885	0	0	
7:19	90.03	12.51	285	7.913	0	0	
7:21	105.9	12.48	280.5	7.913	0	0	
7:23	121.6	12.44	275.9	7.885	0	0	
7:25	137.4	13	303.1	7.913	0	0	
7:27	153.3	12.6	275.9	7.885	0	0	

RELEASED

APR 26 2000

FROM CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

Well	MLP STUBBS #1-11		Field		MANY CREEKS		Service Date	Customer	Job Number	Message
Time	CardNo	Density	Pressure (K)	Temp (F)	Temp (C)	Temp (F)				
24 hr clock	bbl	ppg	psi	deg	deg	deg				
7:29	169.1	12.88	280.5	7.865	0	0	0			RELEASED
7:31	184.9	12.32	257.8	7.913	0	0	0			
7:33	200.7	14.34	312.1	7.913	0	0	0			
7:35	216.6	15.11	375.5	7.913	0	0	0			APR 26 2000
7:37	232.4	15.28	370.9	7.913	0	0	0			
7:39	248.3	14.81	348.3	7.913	0	0	0			FROM CONFIDENTIAL
7:41	264.1	14.54	339.3	7.913	0	0	0			
7:41	264.1	14.54	339.3	7.913	0	0	0			Shutdown
7:41	264.1	14.54	339.3	7.913	0	0	0			[CumVol]=265.2 bbl
7:41	264.1	14.54	339.3	7.913	0	0	0			Reset Volume
7:41	264.1	14.54	339.3	7.913	0	0	0			PAUSE ACQUISITION
7:41	264.1	14.54	339.3	7.913	0	0	0			RESTART AFTER PAUSE
7:43	1.71	10.77	203.6	6.822	0	0	0			
7:45	15.42	8.293	126.7	6.85	0	0	0			
7:47	29.15	8.109	131.2	6.85	0	0	0			KOC
7:49	42.84	8.346	217.1	6.822	0	0	0			
7:51	58.46	7.43	289.5	6.766	0	0	0			APR 07 1999
7:53	67.85	7.521	307.6	5.592	0	0	0			
7:55	79.06	7.529	389	5.592	0	0	0			CONFIDENTIAL
7:57	90.26	7.506	461.4	5.592	0	0	0			
7:58	90.26	7.506	461.4	5.592	0	0	0			Returns at Surface
7:58	90.26	7.506	461.4	5.592	0	0	0			Lower Pump Rate
7:59	100.6	7.821	407.1	2.265	0	0	0			
7:59	100.6	7.821	407.1	2.265	0	0	0			[CumVol]=100 bbl
8:01	103.2	7.605	470.4	2.265	0	0	0			
8:03	107.7	7.529	502.1	2.265	0	0	0			
8:05	112.2	7.521	515.7	2.265	0	0	0			
8:07	115.8	7.529	515.7	1.761	0	0	0			
8:08	115.8	7.529	515.7	1.761	0	0	0			Bump Top Plug
8:09	115.8	7.529	515.7	1.761	0	0	0			Bleed Off Pressure
8:09	117.3	7.651	1036	0	0	0	0			
8:10	117.3	7.651	1036	0	0	0	0			End Job

Post Job Summary

Average Pump Rates, bpm				Volume of Fluid Injected, bbl			
Slurry	M2	M4	Maximum Rate	Total Slurry	M2	Spacer	M2
8	0	0	8	264	0	20	0
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to Breakdown	Type	Volume	Density	
1100	500	300	0	200	0 bbl	0 lb/gal	
Avg. M2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	<input checked="" type="checkbox"/> Cement Calculated to Surface?	Volume	0 bbl
0 %	264 bbl		114 bbl	55 °F	<input type="checkbox"/> Mixed Three Parts	To	0 ft
Customer or Authorized Representative				Drillwell Supervisor			
Joe Brougher				Jeff Discker			
				<input type="checkbox"/> Circulation Lost <input checked="" type="checkbox"/> Job Completed			