

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

Operator: License # 32334

Name: Chesapeake Operating, Inc.

Address P. O. Box 18496

City/State/Zip Okla. City, OK 73154-0496

Purchaser: Chesapeake Energy Marketing, Inc.

Operator Contact Person: Jim Gowens or Barbara Bale

Phone (405) 848-8000

Contractor: Name: Murfin Drilling

License: 30606

Wellsite Geologist: None

Designate Type of Completion

New Well Re-Entry Workover

- Oil SWD SIOW Temp. Abd.
- Gas ENHR SIGW
- Dry Other (Cope, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

- Deepening Re-perf. Conv. to Inj/SWD
- Plug Back PBTD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

02/17/98 12/20/98 02/10/99
Spud Date Date Reached TD Completion Date

API NO. 15- 075-20694-0000

County Hamilton

- SE - NW - NW Sec. 36 Twp. 22S Rge. 41 X ^E _W

4030 Feet from S/W (circle one) Line of Section

4030 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)

Lease Name BRADSHAW Well # 3-36

Field Name Bradshaw

Producing Formation Chase

Elevation: Ground 3510' KB 3521'

Total Depth 2665' PBTD 2640'

Amount of Surface Ripe Set and Cemented at 346' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2665
feet depth to Surface w/ 625 sx cnt.

Drilling Fluid Management Plan Att. 2 5-12-99 UR
(Data must be collected from the Reserve PPT)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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 Barbara J. Bale Barbara J. Bale

Title Regulatory Analyst Date 04/26/99

Subscribed and sworn to before me this 26 day of April, 1999.

Notary Public: John E. Jain RECEIVED

Date Commission Expires My Commission Expires July 22, 2000

4-30-99 APR 30 1999

CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SLD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

JAM10180

SIDE TWO

Operator Name Chesapeake Operating, Inc. Lease Name BRADSHAW Well # 3-36

Sec. 36 Twp. 22S Rge. 41 East West County Hamilton

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Winfield	2610'	+911
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run: Cased Hole Gamma/Neutron/Cement Bond				

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	12-1/4	8-5/8"	20#	346'	60/40 poz	225	3% CC + 2% gel
Production	7-7/8	4-1/2"	9.5#	2665'	Lite CL C	475 150	

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	NA			
<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
2	2620-26'	Acidize w/1000 gal 15% FE. Frac	
2	2612-16'	w/24,250# 20/40 + 4000# 12/20 sand + 515 bbls gel	

TUBING RECORD 2-3/8"	Size 2610'	Set At 2610'	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. 02/10/99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 40 Mcf	Water 85 Bbls.	Gas-Oil Ratio NA	Gravity NA
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Feb-26-99 10:22A

15.075-20694-0000

ALLIED CEMENTING CO., INC. 3137

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:
OAKLEY

DATE <u>12-17-98</u>	SEC. <u>36</u>	TWP. <u>225</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>8:15 PM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:00 PM</u>
LEASER <u>BRAD SHAW</u>	WELL.# <u>3-36</u>	LOCATION <u>SYRACUSE 8 1/2 S. 3/4 W</u>			COUNTY <u>HAMILTON</u>	STATE <u>KS</u>	

CONTRACTOR <u>MURPHY DRILL RIG #20</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u>	TD. <u>346'</u>
CASING SIZE <u>8 7/8"</u>	DEPTH <u>346'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>21 BAG</u>	
EQUIPMENT	
PUMP TRUCK # <u>300</u> OPERATOR <u>TERRY</u>	
BULK TRUCK # <u>282</u> DRIVER <u>LONNIE</u>	
BULK TRUCK #	DRIVER

CEMENT AMOUNT ORDERED	<u>225 SKS 60/40 P2 370 CC 296 GSI</u>	
COMMON	<u>135 SKS @ 7.55</u>	<u>1019.25</u>
POZ MIX	<u>90 SKS @ 3.25</u>	<u>292.50</u>
GEL	<u>4 SKS @ 9.00</u>	<u>36.00</u>
CHLORIDE	<u>7 SKS @ 28.00</u>	<u>196.00</u>
HANDLING	<u>225 SKS @ 1.05</u>	<u>236.25</u>
MILEAGE <u>ONE PER SK MILE</u>		<u>522.00</u>
TOTAL		<u>2304.00</u>

REMARKS:

CEMENT DID CIRC.

THANK YOU

SERVICE

DEPTH OF JOB	<u>346'</u>	
PUMP TRUCK CHARGE		<u>470.00</u>
EXTRA FOOTAGE <u>46'</u>	<u>@ 4.13</u>	<u>191.98</u>
MILEAGE <u>58 M</u>	<u>@ 2.85</u>	<u>165.30</u>
PLUG <u>8 7/8 SURFACE</u>	<u>@</u>	<u>45.00</u>
RECEIVED		
STATE COMMISSION COMMISSION		
APR 30 1999		
TOTAL		<u>700.00</u>

CHARGE TO: CHESAPEAKE OPER, INC.
 STREET 1532 W. Union Ave
 CITY Lawrence, KS STATE Kansas ZIP 67546

WICHITA, KANSAS
FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Louis McRenna

TAX		
TOTAL CHARGE	<u>3004.08</u>	
DISCOUNT <u>450.00</u>		
AFTER DISC. <u>2553.42</u>		
IF PAID IN 30 DA		
LOUIS McRenna		
PRINTED NAME		

5-11-1988 1:41PM FROM

15-075-20694-0000

Dowell

Dowell a Division of Schlumberger Technology Corporation
 294 S Missouri
 Ulysses, KS 67880
 Tel: 316 388 1272
 Fax: 316 668 1911

INVOICE

CRIPY

Invoice Date: 12/20/1988	Job Number: 20091803	Invoice Date: 12/20/1988	Invoice: 9090263692			
Bill To: CHEASAPEAKE OPERATING INC ATTN: ACCTS PAYABLE PO Box 14880 OKLAHOMA CITY OK 73113-0880		Dowell a Division of Schlumberger Technology Corporation Dept 0788 PO Box 130001 Dallas, TX 75312-0788				
Terms: 30 Days Net		Service Description: DWY Cementing, Casing, Cement Prod.				
Company No:	Contract:	Job:	Price Reference: (Specify)			
Job:	Rate:	Quantity:	Legal Location: REF: N 7223 R 111 W			
Customer or Subcontractor Name:	Company or Subcontractor Address:	City:	State:			
BRADSHAW	for months:					
Item	Description	Quantity	List Price	Disc	Net Price	Net Amount
44901000	Cement Head Rental	1,000 KCB	89.00	-45.000 %	45.8500	45.85
48100000	Service Chg Cement Mgd Land All DW For	578.000 CF	1.65	-45.000 %	1.0175	689.86
48180000	Transportation Cement Ton Mile	1,540.000 MI	1.09	-45.000 %	0.7315	1,034.05
58200000	Mileage All Other Equipment	58.000 MI	3.67	-45.000 %	1.0085	104.97
88897000	PACR Treatment Analysis Recorder	1,000 KCB	121.00	-45.000 %	121.0000	121.00
102571000	Casing Cement 2001-3000' 1st Str	1,000 SA	1,716.00	-45.000 %	943.8000	943.80
	*Sub-Total Services					1,108.53
50101004	Shoe, Guide Cement Type 4 1/2 H	1,000 SA	140.00	-45.000 %	77.0000	77.00
60006044	Insert, Offset Pfl	1,000 SA	370.00	-45.000 %	198.5000	198.50
64704044	Shovel, Cementing 4-1/2 H	1,000 SA	185.90	-45.000 %	107.2000	107.20
64711044	Generator, Regular	6,000 SA	70.00	-45.000 %	36.5000	231.00
59702044	Plug, Cementing 4 1/2 In Top Plastic	1,000 SA	58.00	-45.000 %	32.4500	32.45
0020	Bayonets Extender 020	2,670.000 JB	0.80	-45.000 %	0.1100	233.20
0022	Caliphane Flashes 020	104.000 JB	2.02	-45.000 %	1.1110	182.20
0132	Extender, Cement 0132	168.000 JF	5.17	-45.000 %	2.8435	477.71
0800	Cement, Class C 5000	492,000 JF	12.03	-45.000 %	6,5163	3,954.82
10220	Tread Locking Compound Kit M222	1,000 SA	34.00	-45.000 %	18.7000	18.70
5007	Calcium Chloride 77% S1	266,000 JB	0.51	-45.000 %	0.8200	84.18
	*Sub-Total Materials					4,704.53
	*Total before tax					7,813.86
	Tax, US State/County	4.800%				389.46
	Tax, US City	1.000%				58.08
	*Total Amount Due on or Before 01/22/89 PAYABLE IN US FUNDS					8,161.40

Please reference invoice number 9090263692 on payment.

Thank you for calling Dowell