

FORM MUST BE TYPED

RECEIVED SIDE ONE

ORIGINAL

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

FEB 19 2002

API NO. 15- 175-21864-0000  
County Seward  
30' E OF NW - NW - NE Sec. 19 Twp. 33S Rge. 3E X W

KCC WICHITA

Operator: License # 08967

Name: Barbour Energy Corporation

Address P.O. Box 13480

City/State/Zip Okla. City, OK 73113-1480

Purchaser: Duke Energy Field Services

Operator Contact Person: J. Wayne Barbour

Phone (405) 848-7671

Contractor: Name: Cheyenne Drilling Inc.

License: 5382

Wellsite Geologist: Greg Franklin

Designate Type of Completion

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  PBSD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

12/11/01 12/13/01 01/10/02  
Spud Date Date Reached TD Completion Date

330 Feet from ~~S~~/N (circle one) Line of Section

2280 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 Tumbleweed Well # 1-19

Field Name Hugoton Chase

Producing Formation Upper & Lower Krider

Elevation: Ground 2741 KB 2746

Total Depth 2760 PBSD 2690

Amount of Surface Pipe Set and Cemented at 585 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 Alt I RGR 1/16/08  
(Data must be collected from the Reserve Pit)

Chloride content 9000 ppm Fluid volume 293 bbls

Dewatering method used hauled to disposal

Location of fluid disposal if hauled offsite:

Operator Name Nichols Fluid Service

Lease Name Johnson #2 License No. 31983

Quarter Sec. 16 Twp. 34 S Rng. 32 E/W

County Seward 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 \_\_\_\_\_

Title President Date 2/13/2002

Subscribed and sworn to before me this 13 day of February, 2002.

Notary Public Marileigh L. Damon

Date Commission Expires 03/15/2004

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

Operator Name Barbour Energy Corporation Lease Name Tumbleweed Well # 1-19  
 Sec. 19 Twp. 33S Rge. 31  East  West  
 County Seward

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 Datum	<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	Wellington Anhydrite (Base)	2570	+176
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	U. Krider	2600	+146
List All E.Logs Run:		L. Krider	2650	+ 96

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 1/2"	8 5/8"	24#	585	Light	175	3%CC 1/2#Floceal
Production	7 7/8"	4 1/2"	10.5#	2742	Light	250	1/2# Floceal

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
2	2608-32	foamed 20% HCL w/50 ball sealers	2608-72
2	2642-72	acidize 5400 gal. 70Q	

TUBING RECORD		Size 2 3/8"	Set At 2685	Packer At seating nipple	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 02/01/02			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 330	Water Bbls. 16	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify) \_\_\_\_\_

**GREG FRANKLIN  
PETROLEUM GEOLOGIST**

**ORIGINAL**

7100 N. CLASSEN BLVD., BLDG #100  
OKLAHOMA CITY, OKLAHOMA 73116

405/858-0968  
FAX 405/840-3983

RECEIVED  
FEB 19 2002  
KCC WICHITA

**GEOLOGICAL REPORT**


Tumbleweed #1-19  
NW/4 NW/4 NE/4  
Section 19-33S-31W  
Seward County, KS

The Tumbleweed #1-19 was drilled to a total depth of 2760 feet. Two productive intervals were encountered: the Upper Krider and the Lower Krider.

*Upper Krider.* The top of the Upper Krider was encountered at 2608 feet and has 24' of pay. We encountered a 74 unit gas show and the interval drilled off at 1.5 min per foot. Description of samples from Mud Log is as follows: CRM-WHT OFF WHT VF F M XLN, SUB SUC, PR TO FR INTR XLN POR, TR BLU-WHT FLUOR, NO CUT, FRM TO FRI. The samples had blue white fluorescence and no visible cut. I recommend we perforate from 2608 to 2632 feet, 24' O.A.

*Lower Krider.* The top of the Lower Krider was encountered at 2642 feet and has 28' of pay. We encountered a 110 unit show from the gas detector, which is the best Lower Krider show we have seen. The interval drilled off at .75 min per foot. Description of samples from Mud Log is as follows: LT GY-TN LT GY W/SM OFF WHT & CRM-WHT, VF F M XLN, SUB SUC TO SUC IP, PR TO FR INTR XLN POR, NO FLUOR, NO CUT, FRM TO FRI. The samples had no fluorescence or cut. I recommend we perforate from 2642 to 2670 feet, 28' O.A.

Respectfully submitted,

  
Greg Franklin  
Petroleum Geologist

ORIGINAL

DRILLER'S LOG

BARBOUR ENERGY CORPORATION  
TUMBLEWEED 1-9  
SECTION 19-R22S-R31W  
SEWARD COUNTY, KANSAS

COMMENCED: 12-10-01  
COMPLETED: 12-13-01

RECEIVED  
FEB 19 2002  
KCC WICHITA

SURFACE CASING: 585' OF 8 5/8" CMTD  
W/175 SKS PREMIUM PLUS LITE + 3% CC +  
1/4#/SK FLOCELE. TAILED W/150 SKS  
COMMON + 3% CC + 1/4#/SK FLOCELE.

FORMATION

DEPTH

FORMATION	DEPTH
SURFACE HOLE	0 - 585
RED BED	585 - 2290
LIMESTONE & SHALE	2290 - 2760 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

WRAY VALENTINE

STATE OF KANSAS: ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 17TH DAY OF DECEMBER, 2001.

JOLENE K. RUSSELL

NOTARY PUBLIC



# ALLIED CEMENTING CO., INC.

08913

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

ORIGINAL  
Service Point  
*Medicine Co. Ok.*

**RECEIVED**  
FEB 19 2002

DATE <u>12-12-01</u>	SEC. <u>19</u>	TWP. <u>33s</u>	RANGE <u>34</u>	CALLED OUT <u>11:00 A.M.</u>	ON LOCATION <u>4:30 P.M.</u>	JOB START <u>9:30 P.M.</u>	JOB FINISH <u>10:15 P.M.</u>
LEASE <u>Tumbleweed</u>	WELL # <u>#1-19</u>	LOCATION <u>1/4 Sec W10E11A N/4 on S4T0</u>			COUNTY <u>Sevier</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		LOCATION <u>Meade Lake Road 1/4 E 9/10 T0</u>					

CONTRACTOR Cheyenne #8

TYPE OF JOB Prod CSG

HOLE SIZE 7 7/8 T.D. 2760

CASING SIZE 4 1/2 DEPTH 2737

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH 2760

TOOL \_\_\_\_\_ DEPTH 200

PRES. MAX 300 MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 40.

CEMENT LEFT IN CSG. 40 FT

PERFS. \_\_\_\_\_

DISPLACEMENT Fresh H<sub>2</sub>O

**EQUIPMENT**

PUMP TRUCK CEMENTER David W.

# 352 HELPER David F

BULK TRUCK \_\_\_\_\_

# 240 DRIVER Ed R.

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER Barbour Energy

CEMENT

AMOUNT ORDERED 250sx 65:35:6 + 1/4"

F/0-seal 125sx ASC + 5% F/10

COMMON _____	@ _____	_____	_____
POZMIX _____	@ _____	_____	_____
GEL _____	@ _____	_____	_____
CHLORIDE _____	@ _____	_____	_____
<u>ASC</u> <u>125</u>	@ <u>9.35</u>	<u>1168.75</u>	
<u>F/0-seal</u> <u>63#</u>	@ <u>1.40</u>	<u>88.20</u>	
<u>F/10</u> <u>59#</u>	@ <u>8.00</u>	<u>472.00</u>	
<u>AWW</u> <u>250</u>	@ <u>7.35</u>	<u>1837.50</u>	
HANDLING <u>409</u>	@ <u>1.10</u>	<u>449.90</u>	
MILEAGE <u>409 x 30</u>	<u>.04</u>	<u>490.80</u>	
			TOTAL <u>4507.15</u>

**REMARKS:**

**SERVICE**

P.Pc on Bottom Break Circ

pump 250sx 65:35:6 + 1/4" F/0-seal

pump 125sx ASC + 5% F/10

Displace w/ Fresh H<sub>2</sub>O

Bump Plug Float Did Hold

DEPTH OF JOB <u>2737</u>		
PUMP TRUCK CHARGE _____		<u>1130.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>30</u>	@ <u>3.00</u>	<u>90.00</u>
PLUG <u>RvB Ber 4 1/2"</u>	@ <u>48.00</u>	<u>48.00</u>
_____	@ _____	_____
_____	@ _____	_____
TOTAL <u>1268.00</u>		

CHARGE TO: Barbour Energy Corp

STREET P.O. Box 13480

CITY OKLA. City STATE OKLA ZIP 73113

**FLOAT EQUIPMENT**

<u>Guid Shoe</u>	@ <u>125.00</u>	<u>125.00</u>
<u>AFU INSERT</u>	@ <u>210.00</u>	<u>210.00</u>
<u>2 Basket</u>	@ <u>116.00</u>	<u>232.00</u>
<u>6 Centralizers</u>	@ <u>45.00</u>	<u>270.00</u>
_____	@ _____	_____
TOTAL <u>837.00</u>		

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.

TAX \_\_\_\_\_

TOTAL CHARGE 6612.15

DISCOUNT 661.22 IF PAID IN 30 DAYS

5950.93

X TJ Diseker

PRINTED NAME

SIGNATURE TJ Diseker

# ALLIED CEMENTING CO., INC. 08632

## ORIGINAL

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

SERVICE POINT: Med Lodge

DATE <u>12-10-01</u>	SEC. <u>19</u>	TWP. <u>33S</u>	RANGE <u>31W</u>	CALLED OUT <u>2:30 PM</u>	ON LOCATION <u>6:00 PM</u>	JOB START <u>8:45 AM</u>	JOB FINISH <u>9:10 PM</u>
LEASE <u>Tumbleweed</u> WELL # <u>1-19</u>		LOCATION <u>Liberal 1/4 on 54 TO Meade lake Rd. 1E 3/4</u>			COUNTY <u>Seward</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Cheyenne #8 OWNER Barbour Energy Corp.

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>585</u>
CASING SIZE <u>8 1/2 x 24</u>	DEPTH <u>585</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>AFU Insert</u>	DEPTH <u>540.4</u>
PRES. MAX <u>700 #</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>44.56</u>
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>34 BBLs Fresh H<sub>2</sub>O</u>	

CEMENT AMOUNT ORDERED 175.5 x 65.35.6 + 3%  
cc + 1/4" Flo-seal  
100.5 x Class A + 3% cc.

COMMON <u>100</u>	@ <u>7.85</u>	<u>785.00</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>10</u>	@ <u>30.00</u>	<u>300.00</u>
	@	
<u>175.5 x lite weight</u>	@ <u>7.35</u>	<u>1286.25</u>
	@	
<u>Flo-seal 44 #</u>	@ <u>1.40</u>	<u>61.60</u>
	@	
HANDLING <u>294</u>	@ <u>1.10</u>	<u>323.40</u>
MILEAGE <u>294 x 30</u>	<u>.04</u>	<u>352.80</u>

TOTAL 3109.05

**EQUIPMENT**

PUMP TRUCK # <u>343</u>	CEMENTER <u>Justin Hart</u>
	HELPER <u>Mark Brungardt</u>
BULK TRUCK # <u>240-290</u>	DRIVER <u>Ed Reed</u>
BULK TRUCK #	DRIVER

**REMARKS:**

Pipe on Bottom Break Circ  
Mix 175.5 x 65.35.6 @ 0.8 #  
Mix 100.5 x A 3% cc @ 15.6 #  
Release Plug  
Disp 34 BBLs Fresh H<sub>2</sub>O  
Bump Plug 280 # to 700 #  
Release Press Float Held  
circulated Cement

**SERVICE**

DEPTH OF JOB <u>585</u>		
PUMP TRUCK CHARGE <u>0-300</u>		<u>520.00</u>
EXTRA FOOTAGE <u>285</u>	@ <u>.50</u>	<u>142.50</u>
MILEAGE <u>30</u>	@ <u>3.00</u>	<u>90.00</u>
PLUG <u>8 1/8 TRP</u>	@	<u>100.00</u>
	@	
	@	

TOTAL 852.50

CHARGE TO: Barbour Energy Corp.

STREET P.O. Box 13480

CITY OKLA. CITY STATE OKLA ZIP 73113

**FLOAT EQUIPMENT**

<u>1- Guide Shoe</u>	@	<u>215.00</u>
<u>1- AFU Insert</u>	@	<u>325.00</u>
<u>2- Centralizers</u>	@ <u>55.00</u>	<u>110.00</u>
	@	
	@	

TOTAL 650.00

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.

TAX \_\_\_\_\_

TOTAL CHARGE \$667.55

DISCOUNT \$67.15 IF PAID IN 30 DAYS

~~\$4150.40~~

SIGNATURE TJ Diseker

TJ Diseker  
PRINTED NAME