

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

Operator: License # 08967

Name: Barbour Energy Corporation

Address P.O. Box 13489

City/State/Zip Oklahoma 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 Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cased, etc.)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10/03/00 10/04/00 11/27/00
Spud Date Date Reached TD Completion Date

API NO. 15- 175-218050000

County Seward

SW - SW - SE - _____ Sec. 17 Twp. 33S Rge. 31 E W

330 Feet from (S) (circle one) Line of Section

2326 Feet from (E) (circle one) Line of Section

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

Lease Name Clover Well # 1-17

Field Name undesignated

Producing Formation Chase Group-Krider

Elevation: Ground 2753 KB 2758

Total Depth 2750 PBDT _____

Amount of Surface Pipe Set and Cemented at 624 Feet

Multiple Stage Cementing Collar Used? Yes No

yes, show depth set _____ Feet

Alternate II completion, cement circulated from _____

depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 99 1-08-01
(Data must be collected from the Reserve Pit)

Chloride content 8500 ppm Fluid volume 280 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 _____

Title J. Wayne Barbour, Resident Date 12/20/00

Subscribed and sworn to before me this 20 day of December, 2000

Notary Public Marilynn J. Damron

Date Commission Expires 03/15/04

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)

X

Operator Name Barbour Energy Corporation Lease Name Clover Well # 1-17

Sec. 17 Twp. 33S Rge. 31 County Seward

East
 West

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, and 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
Wellington Anhydrite	2104	(+654)
Herrington	2524	(+234)
Upper Krider	2600	(+158)
Lower Krider	2650	(+108)

List All E.Logs Run:
Array Induction Shallow Focused E-Log
Compensated Neuron Density Log
Micro Resistivity Log
CEMENT BOND

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"	16.5#	624	class C	260	1/2# Flocele
Production	7 7/8"	4 1/2"	11.5#	2737	50/50 Poz	155	10% salt 10% Halod

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	2578-80; 2610-20; 2624-30; 2654-64	14,600 gal 28% 75Q 11,000 gal Foamed Acid w/Nitrogen

TUBING RECORD

Size 2 3/8"	Set At 2570	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 11/27/00 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. N/A	Gas Mcf 197	Water Bbls. 24	Gas-Oil Ratio	Gravity
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Disposition of Gas: **METHOD OF COMPLETION**

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

Open Hole Perf. Dually Comp. Commingled

Production Interval: 2578'-2580'
2610'-2620'
2624'-2630'
2654'-2664'