

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

API NO. 15- 071-20700-0000

County Greeley

C - NW Sec. 5 Twp. 20 Rge. 39 X <sup>E</sup> <sub>W</sub>

1320 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

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

Operator: License # 7271

Name: Bartling Oil Company

Address 5910 Courtyard Drive

Suite 255

City/State/Zip Austin, TX 78731

Purchaser: Aquila Energy Marketing

Operator Contact Person: Tab Bartling

Phone (512) 795-9597

Contractor: Name: Cheyenne Drilling

License: \_\_\_\_\_

Wellsite Geologist: N/A

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SUD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, MSW, 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/SUD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SUD or Inj?)  Docket No. \_\_\_\_\_

2-26-99 2-28-99 3-8-99  
Spud Date Date Reached TD Completion Date

Lease Name Angell Well # 2

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3537 KB 3542

Total Depth 2900 PBTB 2858

Amount of Surface Pipe Set and Cemented at 261 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 2894

feet depth to Surface w/ 450 sx cmt.

Drilling Fluid Management Plan A17.2, 6-29-99  
(Data must be collected from the Reserve Pit) U.C.

Chloride content 68000 ppm Fluid volume 200 bbls

Dewatering method used evaporate

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 Terry Maxwell

Title Consultant Date 06-15-99

Subscribed and sworn to before me this 15 day of June, 1999.

Notary Public Terry Maxwell

Date Commission Expires 12-13-2000

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

NOTARY PUBLIC, State of Kansas  
RONDA D. MAXWELL  
My Appl. Exp. 12-13-2000

Operator Name Bartling Oil Company Lease Name Angell Well # 2  
 Sec. 5 Twp. 20 Rge. 39  East County Greeley  
 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, 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.)  
 List All E.Logs Run: Neutron, Density,  
 Gamma Ray, Caliper

Name	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample	
	Top	Datum
Stone Corral	2428	
U. Winfield	2804	
U. Ft. Riley	2866	

CASING RECORD <input checked="" type="checkbox"/> New <input 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 Lbc./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	261	Prem Plus	115	.25% Celoflake 3% CaCl
Production	7 7/8	4 1/2	10.5#	2894	Midcon 2	450	10% Salt

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	2911 - 2924
	" "	14,500 gal Gel, 12,000#	sand "

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer At			
2 3/8	2930	N/A			
Date of First, Resumed Production, SMD or Inj. <u>6-4-99</u>			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		180	100		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled 2911-2924'  
 Other (Specify) \_\_\_\_\_



**JOB LOG** 4239-5

TICKET #	TICKET DATE
BDA / STATE	COUNTY
<b>ORIGINAL</b>	
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

REGION North America	NWA/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0:15							CALL OUT RENOY NSAD
	0:50							DESIGN GENERAL FOR INTEGRAL & LEAD CONT
	7:25							DESIGN INTEGRAL FOR LEAD CONT
	9:21							ON LOC. RIG
	9:30							SINCE DISCIPLINE
	10:00							MOVE TO HALLIBURTON
	10:1							2000 PRESS TEST
	10:09	1.5	3					40 SUGGED
	10:11	6.7	1100					108 LEAD CONT @ 11.1 BBL/GAL
	10:36	4.3	26					200 TAIL CONT @ 14.2 BBL/GAL
	10:42							VAC. SPLIT LEAD
	10:43							VAC. LEAD CATCH LEAD Plug WASH & PL.
	10:47							VAC. SPLIT HIG DISPLACEMENT
	10:55							300 Plug Down
	10:57							1500 PLUG DOWN

15 BBL CONT to Part ✓  
SINCE 18 BBL CONT to Part

RECEIVED  
STATE OF MISSISSIPPI COMMISSION

JUN 18 1981

CO. OF P. ...  
W. ...

Thank You for the Call  
Halliburton

