

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

Operator: License # 31574  
Name: Barline Oil Company  
Address 106 W. Main  
Osborne, KS 67473  
City/State/Zip Osborne, KS 67473  
Purchaser: N/A  
Operator Contact Person: Bill Ree  
Phone (913) 346-5868  
Contractor: Name: Vonfeldt Drilling Company  
License: 9431  
Wellsite Geologist: None

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: DECO ENERGY CORPORATION  
Well Name: KENDIG #1  
Comp. Date 10/26/87 Old Total Depth 4586'  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9-7-95 9-8-95 \_\_\_\_\_  
Date of Date Reached TD Completion Date  
**REENTRY**

API NO. 15- 141-202340001 **ORIGINAL**  
County Osborne  
- NW - NW - NW Sec. 29 Twp. 9S Rge. 12W <sup>E</sup> <sub>W</sub>  
4950 Feet from S (circle one) Line of Section  
4950 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE NW or SW (circle one)  
Lease Name Kendig Well # 1  
Field Name Wildcat  
Producing Formation None  
Elevation: Ground 1929' KB 1934'  
Total Depth 3350 PBDT \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 842 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 **UNSUCCESSFUL REENTRY 8 1/2**  
(Data must be collected from the Reserve Pit) 12-11-96  
Chloride content 88,000 ppm Fluid volume 250 bbls  
Dewatering method used N/A  
Location of **RELEASED** hailed offsite: NCU  
3-23-98  
Operator Name MAR 23 1998 NOV 1 1998  
Lease Name \_\_\_\_\_ License No. **CONFIDENTIAL**  
**FROM CONFIDENTIAL** **CONFIDENTIAL**  
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 Bill Ree  
Title Owner Date 11/15/95  
Subscribed and sworn to before me this 15 day of November, 19 95.  
Notary Public Wm C Cady  
Date Commission Expires 12-9-96

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)  
**RECEIVED**  
STATE CORPORATION COMMISSION

Wm. C. CADY  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 12-9-96

Form ACO-1 (7-91) 1995  
11-18-95  
CONSERVATION DIVISION  
Wichita, Kansas

Operator Name Barline Oil Company

Lease Name Kendig Well # 1

Sec. 29 Twp. 9S Rge. 12  
 East  
 West

County Osborne

**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:  
Rag, Sonic and Cement Bond

Log  Sample

Name	Top	Datum
Heebner	3150'	-1216'
Kansas City	3206'	-1272'

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"	23#	834'	Common	360	3% Salt 2% Gel
Production	7-7/8"	6-1/2"	6.50	3343'	EA2	135	

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	3235'-3239' & 3206'-3212' B/Plug @ 3230'	500 gals., 15% MCA 500 gals., 15% MCA
		3235'-39' 3206'-12'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		N/A			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
N/A			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Dry Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	Dry				

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled None

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



HALLIBURTON ENERGY SERVICES

ADDRESS: BARLOWE OIL  
106 WEST MAIN  
 CITY, STATE, ZIP CODE: OSBORNE, KS, 67473

No. 835510 - 5

PAGE 1 OF 2

HAL-1906-N

SERVICE LOCATIONS 1. <u>106 West Main</u>	WELL/PROJECT NO. # <u>1 UWWO</u>	LEASE <u>Barlowe</u>	COUNTY/PARISH <u>OSBORNE</u>	STATE <u>KS</u>	CITY/OFFSHORE LOCATION	DATE <u>9-9-95</u>	OWNER <u>SMAIL</u>
2. <u>106 West Main</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>WON FIELD MFG.</u>	RIG NAME/NO.	SHIPPED VIA <u>WELL SITE</u>	DELIVERED TO	ORDER NO.
3.	WELL TYPE <u>0</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE <u>035 UNIT PROD</u>	WELL PERMIT NO. <u>15-141-2073</u>	WELL LOCATION <u>106 West Main</u>	RECEIVED STATE CORPORATION COMMISSION NOV 16 1995	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
									ORIGINAL	CONFIDENTIAL
000-117		1	MILEAGE 1 UNIT R.T.P.	140	mi			2.5	350.00	350.00
000-016		1	PUMP ATTACHE	6	hrs	3336	ft	1500.00	9000.00	9000.00
018-315		1	PISTON FLUSH	500	gal			1.5	750.00	750.00
030-016		1	TOP PUMP SW HOOK	1	ea	4 1/2	in	45.00	45.00	45.00
124	825 201	1	GUIDE SHOUL	1	ea	4 1/2	in	95.00	95.00	95.00
244	715 19101	1	INSERT FLAT VALVE	1	ea	4 1/2	in	73.00	73.00	73.00
27	015 19113	1	FULL-UP UNIT	1	ea	4 1/2	in	45.00	45.00	45.00
40	006 100004	1	CONTRAPALZETS	7	ea	4 1/2	in	50.00	350.00	350.00
370	800 8881	1	PLUNGER BASKET	1	ea	4 1/2	in	105.00	105.00	105.00
314-163		1	CONVY FEY TL	2	gal			28.00	56.00	56.00
019-241		1	PHOSPH SWIVEL	1	ea	4 1/2	in	185.00	185.00	185.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: 9-9-95 TIME SIGNED: 12:45  
 A.M.  P.M.  
 do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  AGREE  UN-DECIDED  DIS-AGREE

WE UNDERSTOOD AND MET YOUR NEEDS?  AGREE  UN-DECIDED  DIS-AGREE

OUR SERVICE WAS PERFORMED WITHOUT DELAY?  AGREE  UN-DECIDED  DIS-AGREE

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  AGREE  UN-DECIDED  DIS-AGREE

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	3162.00
FROM CONTINUATION PAGE(S)	2822.54
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	5992.54

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): [Signature]  
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]  
 HALLIBURTON OPERATOR/ENGINEER: [Signature] EMP # 01500  
 HALLIBURTON APPROVAL: [Signature]



WELL DATA

FIELD \_\_\_\_\_ SEC. 29 TWP. 9S RNG. 12W COUNTY OSBORN STATE KS.

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

**CONFIDENTIAL**

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		9.5	4 1/2	0	3330	
LINER						
TUBING						
OPEN HOLE				3330	3350	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR 1 1/2" FLOAT UNITS	1	Howco
FLOAT SHOE 2 1/2" UP UNIT	1	Howco
GUIDE SHOE	1	Howco
CENTRALIZERS	7	Howco
BOTTOM PLUG		
TOP PLUG	1	Howco
HEAD 1 1/2" HEAD LOSS	1	Howco
PACKER 3/8" SWELLER	1	Howco
OTHER 1 1/2" BUSHING	1	Howco

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-9 TIME 0500	DATE 9-9 TIME 0930	DATE 9-9 TIME 1130	DATE 9-9 TIME 1300

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
K. Cordery	40053 P.U.	PLANT, KS.
C. BAKER	51936	"
J. Beckler	4444-5070	PLANT, KS.

**ORIGINAL**

**RELEASED**  
**MAR 23 1998**  
**FROM CONFIDENTIAL**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT CONCRETE  
DESCRIPTION OF JOB 1 1/2" 4 1/2" PROD. CGL.  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE X J. Beckler  
HALLIBURTON OPERATOR K. Cordery COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT./SK.	MIXED LBS./GAL.
	130	SPREADER	B.		5% CUMUL. SPAC, 18% SPAC, 15% 4" 322, 14" 1/2" 8" 8" 8" 8"	NOV 1 1331	15.5

**CONFIDENTIAL**

PRESSURES IN PSI

SUMMARY

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_  
HYDRAULIC HORSEPOWER \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET 40 REASON DROSOLET FLORET

VOLUMES 12.125  
PRESLUSH BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 53.4  
CEMENT SLURRY: BBL.-GAL. 30  
TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
REMARKS PUMP TRAIL STATE CORPORATION PERMITS  
NOV 16 1995  
CONSERVATION DIVISION  
Wichita, Kansas

**JOB LOG** HAL-2013-C

 CUSTOMER *BHRT INC OIL* WELL NO. *#1 DWNO* LEASE *KENDIG* JOB TYPE *CONT PROD. CSE.* TICKET NO. *835510*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

**CONFIDENTIAL**

**ORIGINAL**

1	0500							CHANGED OUT
	0930							ON LOCATION
	1120							TD = 3350 PIPE SET = 3338'
	1130							Subc JOINT = 40'
	1145							CONTRAPLEZER 1, 3, 7, 9, 11, 13
	1152	6	12	-		350		CONT BASKET ON BOTTOM #7
	1157	6	37	-		350		CASING ON BOTTOM
	1201	6 1/2	0	-		400		BRING LINE W/ HAND PUMP & PULL
	1206	6 1/2	30	-		200		HOOK UP HOWCO TO CASING
	1208	7 1/2	0	-		150		PUMP 12 bbl UNDEFLUENT
	1215	7 1/2	33	-		400		PUMP 20 bbl CLARIFY H <sub>2</sub> O
	1218	4	53.4	-		1050		START MIX CONT (1305)
	1300							FINISH MIX CONT
								START DOWN
								WASH OUT LINE & REVERSE PUMP
								START DISP.
								LIFTING CONT
								PLUG DOWN
								RELEASE PSI - FLOAT H <sub>2</sub> O
								DID NOT PLUG PRT HOSE
								UNWELL UP
								BACK UP

**RELEASED**  
**MAR 23 1998**

**FROM CONFIDENTIAL**

NOV 13  
**CONFIDENTIAL**

THANKS  
KENDIG  
C. D. RECK  
RECEIVED  
STATE CORPORATION COMMISSION

NOV 16 1995

CONSERVATION DIVISION  
Wichita, Kansas