

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

Operator: License # 3613  
Name: Hallwood Petroleum, Inc.  
Address 4582 S. Ulster Street Parkway, #1700  
P.O. Box 378111  
City/State/Zip Denver, Colorado 80237  
Purchaser: Koch  
Operator Contact Person: Nonya K. Durham  
Phone (303) 850-6257  
Contractor: Name: Express Well Service  
License: 6426  
Wellsite Geologist: \_\_\_\_\_

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: Clinton Oil Company  
Well Name: Braun "A" 1-V  
Comp. Date 12/2/69 Old Total Depth 3826'  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
10/28/96 11/1/96  
~~DATE~~ Date of START Date Reached TD Completion Date of  
OF WORKOVER WORKOVER

ORIGINAL

API NO. 15- 051-20515-00-01  
County Ellis  
SE - SE - SW - Sec. 15 Twp. 13S Rge. 18 X W  
330 Feet from S/N (circle one) Line of Section  
330 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 Braun "A" Well # 1  
Field Name Marvin  
Producing Formation L-KC, Topeka  
Elevation: Ground 2082' KB 2087'  
Total Depth 3826' PBTB 3790'  
Amount of Surface Pipe Set and Cemented at 593 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.

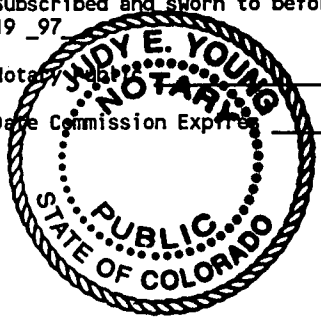
Drilling Fluid Management Plan REWORK JK 3-2-98  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ 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, 200 Colorado Derby Building, 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 Nonya K. Durham  
Nonya K. Durham  
Title Production Reporting Supervisor Date 1/24/97

Subscribed and sworn to before me this 24th day of January,  
19 97  
Notary Judy E. Young  
Judy E. Young  
Date Commission Expires 4/19/97



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)

**SIDE TWO**

Operator Name Hallwood Petroleum, Inc. Lease Name Braun "A" Well # 1

Sec. 15 Twp. 13S Rge. 18  East  West  
 County Ellis

**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 Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List All E.Logs Run:	<table border="0" style="width:100%"> <tr> <td><input type="checkbox"/> Log</td> <td><b>Formation (Top), Depth and Datum</b></td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Topeka T1</td> <td>3246</td> <td>(-1159)</td> </tr> <tr> <td>Topeka T2</td> <td>3274</td> <td>(-1187)</td> </tr> <tr> <td>Topeka T3</td> <td>3288</td> <td>(-1201)</td> </tr> <tr> <td>L-KC "B"</td> <td>3395</td> <td>(-1308)</td> </tr> <tr> <td>L-KC "G"</td> <td>3462</td> <td>(-1375)</td> </tr> <tr> <td>L-KC "H"</td> <td>3501</td> <td>(-1414)</td> </tr> <tr> <td>L-KC "I"</td> <td>3525</td> <td>(-1438)</td> </tr> </table>	<input type="checkbox"/> Log	<b>Formation (Top), Depth and Datum</b>	<input type="checkbox"/> Sample	Name	Top	Datum	Topeka T1	3246	(-1159)	Topeka T2	3274	(-1187)	Topeka T3	3288	(-1201)	L-KC "B"	3395	(-1308)	L-KC "G"	3462	(-1375)	L-KC "H"	3501	(-1414)	L-KC "I"	3525	(-1438)
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CASING RECORD <input 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 Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8 5/8"	20#	593'		325	
Production		5 1/2"	14#	3825'		225	

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	
	4 spf	3246-56'	Topeka T1	} →
4 spf	3274-77'	Topeka T2		
4 spf	3288-97'	Topeka T3		
4 spf	3395-3403'	L-KC "B"		800 gal 15% NE acid w/Clay Stay

<b>TUBING RECORD</b>		Size <u>2 3/8</u> Set At <u>3742</u> Packer At <u>N/A</u> See attached for old perms	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 11/1/96		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 4 Bbls.	Gas 0 Mcf	Water 104 Bbls. Gas-Oil Ratio ----- Gravity 247

Disposition of Gas: N/A **METHOD OF COMPLETION** Production Interval: \_\_\_\_\_

Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled 3246-3529  
 Other (Specify) \_\_\_\_\_

# ORIGINAL

Attachment to ACO-1

Braun "A" #1

15-051-20515-0001

## New Perfs

3246-56'  
3274-77'  
3288-97'  
3395-3403'

Topeka T1 }  
Topeka T2 }  
Topeka T3 }  
L-KC "B"

## Acidize

2200 gal 15% NE acid w/Clay Stay

800 gal 15% NE acid w/Clay Stay

## Old Perfs

3462-68'  
3476-80'  
3501-05'  
3525-29'

L-KC "G" }  
L-KC "G" }  
L-KC "H" }  
L-KC "I"

## Acidize

1500 gal 15% NE acid 750#

# Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111  
Denver, Colorado 80237 • (303) 850-7373

January 24, 1997

Mr. Jim Hemmen  
Kansas Corporation Commission  
Conservation Division  
Wichita State Office Building  
130 S. Market, Room 2078  
Wichita, Kansas 67202-3802

157057 2057570001

RE: Braun A #1	Section 15-T13S-R18W	SESESW
Komarek #6	Section 30-T22S-R11W	SESENE
Teichmann #8	Section 10-T22S-R12W	NWNESE

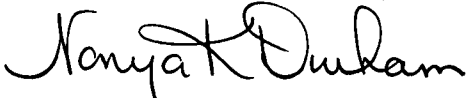
Dear Mr. Hemmen:

Please find enclosed Well Completion Form (ACO-1) for the above captioned wells. These wells were recompleted adding additional Lansing-Kansas City or Topeka perforations. The Teichmann A-8 was completed as a gas well; therefore, we are enclosing a gas analysis.

If you have further questions, please feel free to contact me at (303) 850-6257.

Sincerely,

**HALLWOOD PETROLEUM, INC.**



Nonya K. Durham  
Production Reporting Supervisor

NKD/jey

Enclosures

NKD97.009