

ORIGINAL

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: _____

License: _____

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: Marvin Braun #4-D

Comp. Date 12/5/69 Old Total Depth 3634'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 3590' PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11/4/96 11/8/96
Start Date of WORKOVER Date Reached TD Completion Date of WORKOVER

API NO. 15- 051-20540001

County Ellis

NE - NW - NW - _____ Sec. 22 Twp. 13S Rge. 18 X W

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

990 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 M.F. Braun Well # 4

Field Name Marvin

Producing Formation Topeka & L-KC

Elevation: Ground 2082' KB 2087'

Total Depth 3634' PBTB 3590'

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 976 1-15-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: 12-10-96

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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STATE CORPORATION COMMISSION
NOV 16 1996
CONSERVATION DIVISION
Wichita, Kansas

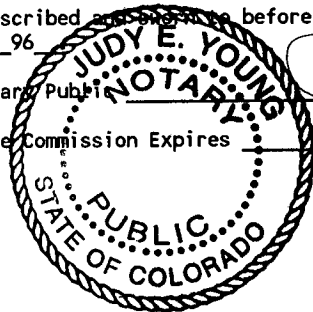
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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
Title Production Reporting Supervisor Date 12/11/96

Subscribed and sworn to before me this 11th day of December,
19 96

Notary Public 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)



Operator Name Mat. Hood Petroleum, Inc. Lease Name M. F. Braun Well # 4

Sec. 22 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 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:

Name	Top	Datum
Topeka T-1	3236'	(-1,149)
Topeka T-2	3256'	(-1,169)
Topeka T-3	3275'	(-1,188)
L-KC "B"	3396'	(-1,309)
L-KC "G"	3466'	(-1,379)
L-KC "H"	3501'	(-1,414)
L-KC "I"	3527'	(-1,440)

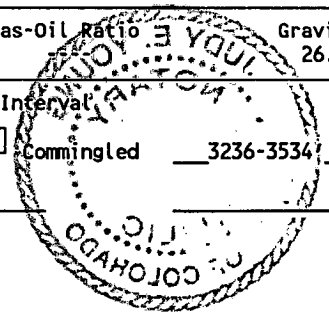
CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	593'	Common &	300	
					50-50 Poz mix		
Production		5 1/2"	14#	3633'	50-50 Poz mix	175	

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3588 3590	Class A stop	1	None

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	3396-3404' L-KC "B"	800 gal 15% NE acid w/Clay Stay	
4 spf	3501-07' L-KC "H"	600 gal 15% NE w/Clay Stay	
4 spf	3527-34' L-KC "I"	700 gal 15% NE acid	
	See attachment for old perfs CIBP @ 3590'		

TUBING RECORD		Size 2 7/8	Set At 3542'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 11/8/96		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 13 Bbls.	Gas ---- Mcf	Water 124 Bbls.	Gas-Oil Ratio	Gravity 26.6

Disposition of Gas: N/A METHOD OF COMPLETION
 Vented Sold Used on Lease (If vented, submit ACO-18.)
 Open Hole Perf. Dually Comp. Commingled 3236-3534
 Other (Specify) _____



ORIGINAL

Attachment to ACO-1 Form

Braun #4

15-051-20540-0001

Old Perfs

3236-40'	Topeka T-1
3247-54'	Topeka T-1
3256-62'	Topeka T-2
3275-78'	Topeka T-3
3282-87'	Topeka T-3
3466-69'	L-KC "G"
3478-81'	L-KC "G"



Acid

2000 gal 15% NE acid w/Clay Stay

500 gal 15% NE acid w/Clay Stay

NKD98.213

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DEC 10 1970

CONSERVATION DIVISION
Wichita, Kansas