

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

API NO. 15- 051-20,5460001

County Ellis

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

Operator: License # 3613

ORIGINAL

4290 Feet from S/N (circle one) Line of Section

Name: Hallwood Petroleum, Inc.

3630 Feet from E/W (circle one) Line of Section

Address 4582 S. Ulster Street Parkway, #1700

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

P.O. Box 378111

Lease Name M.F. Braun Well # 5

City/State/Zip Denver, Colorado 80237

Field Name Marvin

Purchaser: Koch

Producing Formation Topeka & L-KC

Operator Contact Person: Nonya K. Durham

Elevation: Ground 2066' KB 2071'

Phone (303) 850-6257

Total Depth 3625' PBTD 3573'

Contractor: Name: _____

Amount of Surface Pipe Set and Cemented at 566 Feet

License: _____

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: _____

If yes, show depth set _____ Feet

Designate Type of Completion

If Alternate II completion, cement circulated from _____

 New Well Re-Entry X Workover

feet depth to _____ w/ _____ sx cmt.

 Oil X SWD SLOW Temp. Abd.

 Gas ENHR SIGW

 Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan REWORK JK 1-15-97
(Data must be collected from the Reserve Pit)

If Workover:

Chloride content _____ ppm Fluid volume _____ bbls

Operator: Clinton Oil Company

Dewatering method used _____

Well Name: Marvin Braun #5-D

Location of fluid disposal if hauled offsite:

Comp. Date 12/16/99 Old Total Depth 3626'

STATE CORPORATION COMMISSION

XX Deepening Re-perf. X Conv. to Inj. SWD

 Plug Back 3580' PBTD

Operator Name _____

 Commingled Docket No. E-19475

Lease Name DEC 10 1998 License No. _____

 Dual Completion Docket No. _____

Quarter Sec. Twp. Rng. E/W

 Other (SWD or Inj?) Docket No. _____

County _____ Docket No. _____

10/22/96 10/29/96

Start Date of WORKOVER Date Reached TD Completion Date of WORKOVER

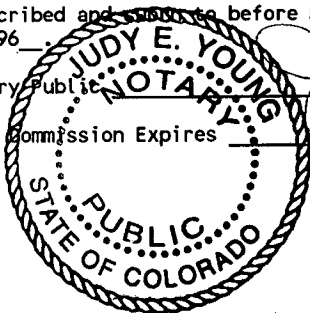
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidentially 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 Hallwood Petroleum, Inc. Lease Name M. F. Braun Well # 54

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 (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:	<input type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Topeka</td> <td>3210'</td> <td>(-1,139)</td> </tr> <tr> <td>L-KC "B"</td> <td>3380'</td> <td>(-1,309)</td> </tr> <tr> <td>L-KC "G"</td> <td>3450'</td> <td>(-1,379)</td> </tr> <tr> <td>L-KC "H"</td> <td>3484'</td> <td>(-1,413)</td> </tr> <tr> <td>L-KC "I"</td> <td>3510'</td> <td>(-1,439)</td> </tr> <tr> <td>Arbuckle</td> <td>3606'</td> <td>(-1,535)</td> </tr> </tbody> </table>	Name	Top	Datum	Topeka	3210'	(-1,139)	L-KC "B"	3380'	(-1,309)	L-KC "G"	3450'	(-1,379)	L-KC "H"	3484'	(-1,413)	L-KC "I"	3510'	(-1,439)	Arbuckle	3606'	(-1,535)
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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#	566'		350	
Production		5 1/2"	14#	3625'		175	
Production							

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	3573 3580	Class A G+BP	3	None

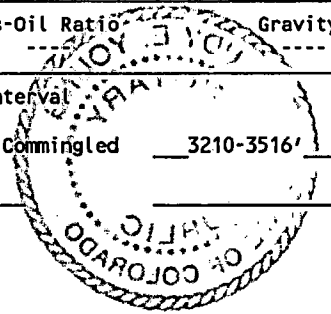
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 spf	3262-70', 3238-42', 3210-22'	Topeka	1400 gal 15% NE w/two 250# plugs
4 spf	3256-70'	Topeka T-3	800 gal 15% NE acid
4 spf	3380-85'	L-KC "B"	300 gal 15% NE acid
4 spf	3450-55', 3462-66'	L-KC "G"	400 gal 15% NE acid

TUBING RECORD	Size 2 3/8	Set At 3218'	Packer At 3173	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or (Inj.) 11/13/96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. -----	Gas Mcf -----	Water Bbls. 350	Gas-Oil Ratio -----	Gravity -----
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Disposition of Gas: N/A **METHOD OF COMPLETION** Production Interval 3210-3516'
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____



ORIGINAL

Attachment to ACO-1 Form

Braun #5

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	3484-88' L-KC "H"	300 gal 15% NE acid w/Clay Stay	
4 spf	3510-16' L-KC "I"	300 gal 15% NE acid w/Clay Stay	

15-051-20546-0001

NKD88.214

RECEIVED
STATE COMMISSION

DEC 13 1996

COMMISSIONER