

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

ORIGINAL

API NO. 15- 051-21, 6140002

County Ellis

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

330 Feet from S (circle one) Line of Section

870 Feet from E (circle one) Line of Section

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

Lease Name M.F. Braun Well # 7

Field Name Marvin

Producing Formation Topeka & L-KC

Elevation: Ground 2072' KB 2079'

Total Depth 3650' PBDT 3430'

Amount of Surface Pipe Set and Cemented at 128 Feet

Multiple Stage Cementing Collar Used? Yes X 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 97 1-15-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method Used TRUCK

Location of fluid disposal if hauled offsite:
DISPOSED 10 1996

Operator Name 12-16-96

Lease Name _____ License No. _____

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

County _____ Docket No. _____

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 X Workover

X Oil ____ SWD ____ SIOW ____ Temp. Abd.

____ Gas ____ ENHR ____ SIGW

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

If Workover:

Operator: Energy Reserves Group, Inc.

Well Name: Marvin Braun #7

Comp. Date 1/18/79 Old Total Depth 3650'

____ Deepening X Re-perf. ____ Conv. to Inj/SWD

XX Plug Back 3440' PBDT

XX Commingled ____ Docket No. E-19475

____ Dual Completion ____ Docket No. _____

____ Other (SWD or Inj?) ____ Docket No. _____

10/24/96 10/31/96

10/24/96 Date OF START Date Reached TD 10/31/96 Completion Date OF WORKOVER

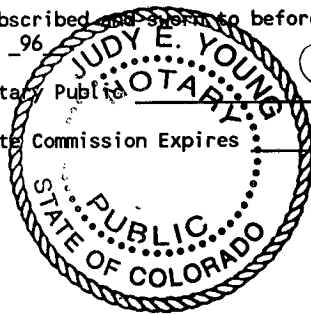
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held 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 Hallwood Petroleum, Inc. Lease Name M. F. Braun Well # 7

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	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka T-1	3232'	(-1,153)
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka T-2	3250'	(-1,171)
List All E.Logs Run:		Topeka T-3	3373'	(-1,294)
		L-KC "B"	3388'	(-1,309)

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"		128'		175	
Production		4 1/2"	10.75#		50-50 Poz lite	250	1st stage
				DV tool @	& 50 sx common	275	2nd stage

ADDITIONAL CEMENTING/SQUEEZE RECORD 1367'

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	3440 3442	Class A GTBP	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	3232-47'	Topeka T-1	800 gal w/200# plug, 700 gal w/300# plug & 500 gal
4 spf	3250-56'	Topeka T-2	flushed w/14 bbls water	
4 spf	3373-80'	Topeka T-3	700 gal 15% NE acid w/Clay Stay	
4 spf	3388-95'	L-KC "B"	700 gal 15% NE w/Clay Stay	

TUBING RECORD	Size 2 3/8	Set At 3428'	Packer At ----	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 11/5/96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>.5</u>	Gas Mcf <u>----</u>	Water Bbls. <u>127.5</u>	Gas-Oil Ratio <u>---</u>	Gravity <u>27</u>
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Disposition of Gas: N/A **METHOD OF COMPLETION** Production Interval 3232-3395'
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

