

SIDE ONE

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

Operator: License # 9705
Name Mid-American Hydrocarbon, Inc.
Address 114 E. Ave N, Box 723
City/State/Zip Lyons, KS 67554

Purchaser

Operator Contact Person Kerry D. Davison
Phone (316) 257-5111

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist Dan DeBoer
Phone (316) 257-5111

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

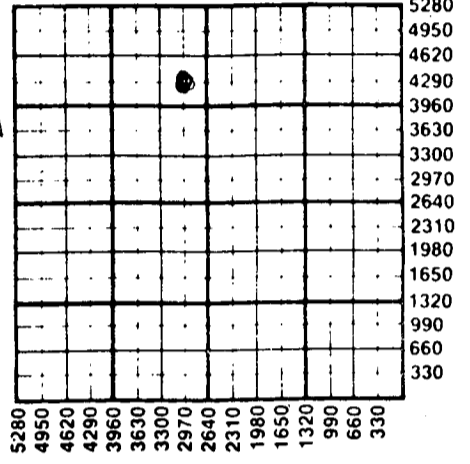
Drilling Method:
 Mud Rotary Air Rotary Cable
7/20/88 7/28/88 7-28-88
Spud Date Date Reached TD Completion Date
3830'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 223 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #
A B U D x O

API NO. 15-065-22474
County Graham
SE NE NW Sec. 2 Twp 10S Rge. 22 East West
4290 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Germany Well # 1
Field Name
Producing Formation
Elevation: Ground 2328' KB 2333'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
8-19-1988
AUG 19 1988
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #
Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 3960 Ft North from Southeast Corner (Stream, pond etc) 330 Ft West from Southeast Corner Sec 15 Twp 9S Rge 22 East West
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Kerry Davison
Title President Date 8-18-88

Subscribed and sworn to before me this 18th day of August 1988
Notary Public Rita Smith
Date Commission Expires 4-4-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
8-19-88



Sec. 2 Twp 10 Rge 22 E

SIDE TWO

Operator Name Mid-American Hydrocarbon, Inc. Lease Name Germany Well # 1

Sec. 2 Twp. 10S Rge. 22 East West County Graham

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3646-70 LKC F-Zone
 Recovery - 10' Mud
 Pressures: IH: 1931#
 IFP: 45-36#/15 min.
 ISIP: 54#/30 min.
 FFP: 36-36#/15 min.
 FSIP: 54#/30 min.
 BHT: 106 Degrees

Name	Top	Bottom
Anhydrite	1812	(+521)
Base/Anhydrite	1854	(+479)
Topeka	3313	(-980)
Heebner	3528	(-1195)
Toronto	3551	(-1218)
Lansing	3566	(-1233)
Base/Kansas City	3795	(-1462)

DST #2 3690-3720
 Recovery - 130/muddy water w/trace of oil
 Pressures: IH: NA
 IFP: 73-64#/30 min.
 ISIP: 265#/60 min.
 FFP: 91-82#/30 min.
 FSIP: 265#/60 min.
 FH: NA
 BHT: 112 Degrees

(DST #3 cont.)
 Pressures: IH: 2024#
 IFP: 82-73#/30 min.
 ISIP: 522#/30 min.
 FFP: 82-82#/15 min.
 FSIP: 522#/30 min.
 FH: 1996#
 BHT: 121 Degrees

DST #3 3718-80
 Recovery - 15' Mud (cont. next column)

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		223		130	60/40 poz 2% gel 3% Calcium Chloride
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer at					
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Dry Hole						
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

