

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.
Lyons, KS 67554
City/State/Zip

Purchaser NCRA
P.O. Box 1404
McPherson, KS 67460

Operator Contact Person Kerry Davison
Phone 316-257-5111 or 257-3135

Contractor: License # 9421
Name Boger Brothers Drilling, Inc.

Wellsite Geologist Daniel DeBoer
Phone 918-225-2620

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

07/31/89 08/07/89 08/07/89
Spud Date Date Reached TD Completion Date

3950 3903
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 432 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 Halliburton Services

Invoice # 822949

10-1

API NO. 15-185-22-597-0000

County Stafford

C-N 1/2 N 1/2 SW Sec. 4 Twp. 22S Rge. 14 East X West

2310 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

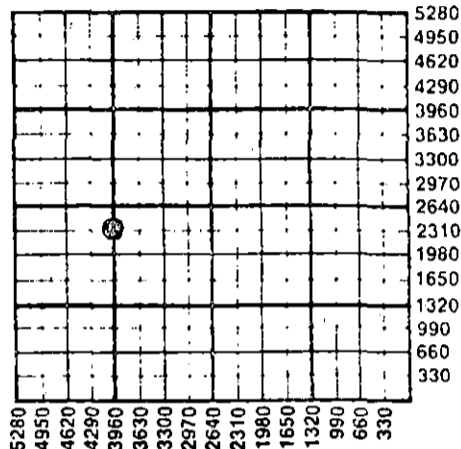
Lease Name Unruh Well # 1

Field Name Radium Townsite

Producing Formation Arbuckle

Elevation: Ground 1940 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # E-16 034 Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Sam's Water Well Service
Division of Water Resources Permit # T89-345

Groundwater 2310 Ft North from Southeast Corner
(Well) 3960 Ft West from Southeast Corner of
Sec 4 Twp 22S Rge 14 East X West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge 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 *10-19-89*

Subscribed and sworn to before me this *19th* day of *October*

19 *89*
Notary Public *Rita Smith*

Date Commission Expires *4-4-92*

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



STATE RECEIVED
OCT 20 1989
10-20-89

Sec. 14 Twp. 22S Rge. 14E

81

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

Sec. 4 Twp. 22S Rge. 14 East West County Stafford

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: 3756-3790
 1st Open: wk blow died 8 min
 2nd Open: No blow, flushed tool, no blow.
 15-30-15-30
 Rec. - 5' mud
 IH: 1852#
 IFP: 40-40#/15
 ISIP: 15#/30
 FFP: 40-40#/15
 FSIP: 40#/30
 FH: 1852#
 BHT: NA

DST#2 continued:
 8/6/89 Pressures IH: 1872#
 IFP: 40-40#/45
 ISIP: 968#/60
 FFP: 51-51#/45
 FSIP: 838#/60
 FH: 1852#
 BHT: 118°

DST#2: 3837-3850
 45-60-45-60
 1st Open: 4" blow
 2nd Open: 3½" blow
 Rec. - 120'GIP
 50' cl gassy oil (33%)
 30' ocm (10% oil) cont...

DST#3: 3837-3862
 30-60-30-60 1st Open: Strong blow off gottom of bucket in 8 min. 2nd Open: strong blow off bottom of bucket in 6 min. Rec. - 180'GIP, 720 CG oil, 60'MCGO (50% oil, 15%g, 35%mud).
 60' OCGM Pressures: IH: 1902#
 IFP: 112-153#/30 ISIP: 1226#/60
 FFP: 224-306#/30 FSIP: 1216#/60
 FH: 1862# BHT: 122°

CASING RECORD New 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 ¼"	8-5/8"	NA	431	Standard 60/40 ppz	275	2% gel #5 cc
Production	7 7/8"	5-1/2"	NA	3950	60/40 ppz	125	3% gel

PERFORATION RECORD
 Shots Per Foot Specify Footage of Each Interval Perforated
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

3852-3855½	Natural	
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TUBING RECORD
 Size 2-7/8 Set At 3893 Packer at NONE Liner Run Yes No

Date of First Production 08/19/89
 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
50	0	10			31

METHOD OF COMPLETION Production Interval

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

