

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 # 5205  
Name Mid Continent Energy Corp.  
Address 120 S. Market  
Suite 310  
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company  
P.O. Box 2256- Wichita, KS 67201

Operator Contact Person Bradley Buehler  
Phone 316-265-9501

Contractor: License # 5418  
Name Allen Drilling Company

Wellsite Geologist Martin Dubois  
Phone (316)221-2048

Designate Type of Completion

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

If OMWO: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

WELL HISTORY

Drilling Method:

Mud Rotary     Air Rotary     Cable

10-17-85    10-28-85    10-29-85  
Spud Date    Date Reached TD    Completion Date

4780  
Total Depth    PBTD

Amount of Surface Pipe Set and Cemented at 367 feet  
Multiple Stage Cementing Collar Used?  Yes     No  
if yes, show depth set 1750 feet  
if alternate 2 completion, cement circulated  
from 1750 feet depth to Surface w/ 550 SX cmt  
Cement Company Name B.J. T. Fan  
Invoice # 281291

API NO. 15-109-20,397-00-00

County Logan

SW NE SW    12    12    34    East  
..... Sec..... Twp..... Rge.....  West

1650    Ft North from Southeast Corner of Section  
3630    Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

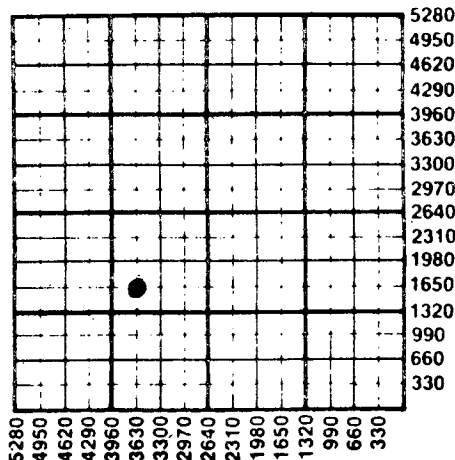
Lease Name Hays    Well # 1

Field Name Janice Northwest Extension

Producing Formation Johnson Zone

Elevation: Ground 3175    KB 3180

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:     Disposal  
Docket # .....     Repressuring

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 .....Ft North from Southeast Corner  
(Stream, pond etc) .....Ft West from Southeast Corner  
Sec    Twp    Rge     East     West

Other (explain) Robert Bertrand, Oakley, KS  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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.

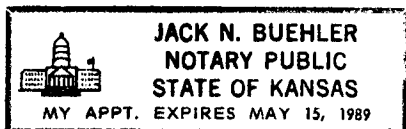
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Kent R. Roberts  
Title Petroleum Geologist    Date 11/27/85

Subscribed and sworn to before me this 27th day of November 1985.  
Notary Public Jack N. Buehler

Date Commission Expires.....

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)



STATE CORPORATION COMMISSION Form ACO-1 (7-84)

DEC 9 1985  
12-09-1985

Sec 12 Twp 1 Range 34 W

SIDE TWO

Operator Name ..... Mid Continent Energy Corp ..... Lease Name ..... Hays ..... Well # ..... 1

Sec. .... 12 ..... Twp. .... 12 ..... Rge. .... 34 .....  East  West County ..... Logan

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: Lansing "H" zone 4,242-4,283', 30"-30"-30"-30". IFP=wk. stdy. blow, 1/4" in bucket, FFP=wk. blow on top of water. Rec. 45' mud w/ few spots of oil. SIP=1234-1174#, FFP=50/50 & 50/50#, HSP=2117-2097#, BHT=116°.

DST #2: Johnson Zone, 4,654-4,680', 30"-30"-45"-60", IFP=strg. blow off btm. of bucket in 5 min. FFP=strg. blow off btm. of bucket in 20 min.. Rec. 532' free oil (29° gravity), 60' GIP, 62' OCM (40% oil, 60% mud), SIP=1075-1055#, FFP=50/101-152/223#, HSP=2386-2356#, BHT=128°.

Name	Top	Bottom
Anhydrite	2649 (+531)	2670 (+510)
Heebner	4056 (-876)	
Toronto	4088 (-908)	
Lansing	4106 (-926)	
Stark Shale	4332 (-1152)	
Pawnee	4526 (-1346)	
Cherokee Sh.	4576 (-1396)	
Johnson Zone	4659 (-1556)	
Weathered		
Mississippi	4740 (-1560)	
Log T.D.		4780 (-1600)

CASING RECORD <input checked="" 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#	367	60/40	240	3% CC 2% Gel
....Production....	7.7/8	4.1/2	10.5#	4779	50/50	50	2% 7 1/2%
					Lite	550	
						180 sk	sure fill
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	4660'-4668'			750 gal. (INS) 15%		4660-68'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size Set At		Packer at			
12-6-85		2-3/8" 4,700'					
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	Gas	Water	Gas-Oil Ratio	Gravity		
	80 Bbls	— MCF	— Bbls		29° @ 60°F		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4660-4668  
 Used on Lease  Dually Completed  
 Conmingled