

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 # 4752  
Name Source Petroleum  
Address 910 Century Plaza Bldg.  
111 W. Douglas  
City/State/Zip Wichita, KS 67202

Purchaser CENTRAL STATES - GAS  
KOCH - OIL

Operator Contact Person John Howard, Jr.  
Phone 316-262-7397

Contractor: License # 5829  
Name Aldebaran Drilling

Wellsite Geologist John D. Howard, Jr.  
Phone 316-262-7397

Designate Type of Completion  
New Well Re-Entry Workover  
X Oil SWD Temp Abd  
X 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:  
X Mud Rotary Air Rotary Cable

6-19-86 6-27-86 7-10-86  
Spud Date Date Reached TD Completion Date

4780'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 307 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt  
Cement Company Name  
Invoice #

API NO. 15-007-22,132-00-00

County Barber

C NW SE Sec 9 Twp 31S Rge 12 X West

1980 Ft North from Southeast Corner of Section  
1980 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

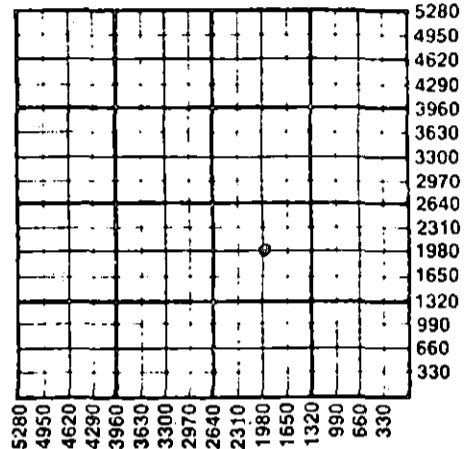
Lease Name Pike Well # 1

Field Name Amber Mills South Meairs, South

Producing Formation Mississippi

Elevation: Ground 1759 KB 1806

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  
X Surface Water 4620 Ft North from Southeast Corner (Stream, pond etc) 3300 Ft West from Southeast Corner Sec 16 Twp 31S Rge 12 East X 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 John D. Howard, Jr.  
Title Geologist/Partner Date 3-7-87

Subscribed and sworn to before me this 7th day of March 1987  
Notary Public Kori K. Caldwell  
Date Commission Expires 10-22-90



K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
KCC STATE CORPORATION COMMISSION NGPA  
PLUG Other (Specify)  
MAR  
CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (5-86)

Sec 9, Twp 31, Rge 12

Operator Name Source Petroleum Lease Name Pike Well # 1

Sec. 9 Twp. 31S Rge. 12  East  West County Barber

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

DST #1 4382-4425  
 strong blow, gas to surface 25 min. on initial blow. Recovered 65' gas cut mud, slightly oil cut.  
 30/60/60/90  
 IHP: 2135 psi FHP: 2031  
 IFP: 30 min. 72-52 FFP: 60 min. 72-72  
 ICIP: 60 min. 1527 FCIP: 90 min. 1537 psi

DST #2 4096-4128  
 Recovered 2800' of muddy, slightly gas cut water. Strong blow on both flow periods - no gas to surface. Bottom packers failed - no pressures. Misrun

IHH: 1701 psi FHH: 1550 psi

Formation Description		
Name	Top	Bottom
Heebner	3707(-1901)	
Douglas Shale	3738(-1932)	
Douglas SS1	3764(-1958)	
Douglas SS2	3855(-2049)	
LKC	3914(-2108)	
Mississippi	4398(-2592)	
Kinderhook	4486(-2680)	
Viola	4611(-2811)	
Simpson Shale	4685(-2879)	
Simpson SS	4690(-2884)	

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	10 3/4"	8 5/8"	20#	325'	common	200	2% gel 3% CC
Production	7 7/8"	4 1/2"	10 1/2#	4563.85	EA 2	125	None

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	4400-4410	900 DSFE 295 SKS 26,500 gal OF 50/50 CO2	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4440'	N/A		

Date of First Production	Producing Method
7/25/86	<input checked="" 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
	5 Bbls	750 MCF	0 Bbls	150/1	CFPB 30°

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) ..... 4400-4410'  
 Dually Completed  Commingled

