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SIDE ONE

FEB 05 1992

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

Operator: License # 3667  
Name: SOURCE PETROLEUM  
Address 200 W. Douglas #820  
Wichita, KS 67202  
City/State/Zip \_\_\_\_\_  
Purchaser: Koch  
Operator Contact Person: Charles Schmidt  
Phone (316) 262-7397

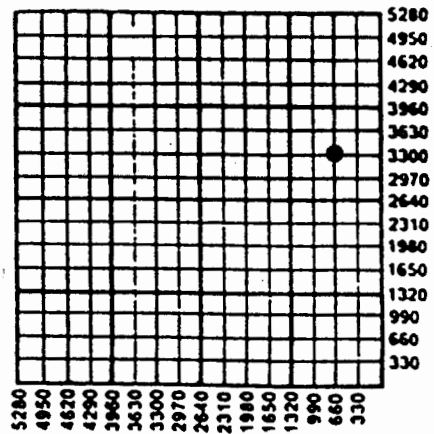
Contractor: Name: ALLEN DRILLING COMPANY  
License: 5418  
Wellsite Geologist: Jon Christensen

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

If Old Well Info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9/26/89 10/04/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 077-21,214  
County Harper FROM CONFIDENTIAL  
Appr. SE NE Sec. 11 Twp. 33S Rge. 8 W East West  
3243 Ft. North from Southeast Corner of Section  
593 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name MILLER "F" Well # 1  
Field Name Miller (Rev.)  
Producing Formation Misener Ss  
Elevation: Ground 1374' KB 1379'  
Total Depth 4950 PBTD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 258 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from N/A  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cat.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Handwritten Signature]  
Title General Manager Date 1/14/91

Subscribed and sworn to before me this 14th day of January,  
1991  
Notary Virginia S. Fabian  
Date Commission Expires August 5, 1991



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

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SIDE TWO

Operator Name SOURCE PETROLEUM Lease Name MILLER "F" Well # 1  
 Sec. 11 Twp. 33 Rge. 8  East County Harper  
 West

**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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

**Formation Description**

Log  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

See attached sheet.

**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	12-1/4	8-5/8	23#	258	60/40	175	2%gel 3%cc
Production	7-7/8	5-1/2	14#	4937	60/40	175	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
8	4883-4888'	500 gls Xylene 4883-88'

**TUBING RECORD** Size 2 3/8" Set At 4888' Packer At N/A Liner Run  Yes  No

Date of First Production 10/19/90 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 3 Bbls. Gas -0- Mcf Water -0- Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity 41<sup>0</sup>

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Casingless

Other (Specify) \_\_\_\_\_

Production Interval  
4883-88'  
**PRODUCTION**  
 OILCO

ATTACHED TO KCC ACO-1

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FEB 05 1992

MILLER "F" #1  
 Appx SE NE, 11-33S-8W  
 Harper County, Kansas

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DRILL STEM TEST DATA

DST #1 4100-4134' - KC Swope  
 36-30 30-30  
 1st Open: Weak blow to surface died  
 in 15 min, flushed tool, no blow  
 2nd Open: No blow  
 Rec. 10' mud  
 IHP: 1997 FHP: 1963  
 IFP: 46-46 FFP: 46-46  
 ISIP: 1124 FSIP: 777

DST #2 4506-4517' - Mississippian  
 30-60 45-90  
 1st Open: Strong blow, GTS in 6 min,  
 26 min gauged 205,000 CFPD  
 2nd Open: 10 min gauged 211,000 CFPD,  
 15 min misting SW,  
 20 min gauged 205,000 CFPD  
 30 " " 150,000 "  
 40 " " 121,000 "  
 45 " " 94,000 "  
 Rec: 2' thick mud  
 IHP: 2200 FHP: 2200  
 IFP: 75-63 FFP: 52-30  
 ISIP: 1304 FSIP: 906 "depleting"

DST #3 - 4541-4554' - Mississippian  
 30-60 45-90  
 1st Open: Good blow bldg to BOT of BCKT in 15 min  
 2nd Open: Strong blow throughout  
 Rec: 610' GIP, 30' OCM (10% oil, 10% gas, 80% mud, TR WTR),  
 45' O & MCW (5% oil, 10% gas, 30% WTR, 55% mud)  
 IHP: 2319 FHP: 2307  
 IFP: 35-35 FFP: 35-58  
 ISIP: 1412 FSIP: 1412  
 BHT 140°

DST #4 4880-4898' - Misener SS  
 30-450 30-60  
 1st Open: GTS 4" est 400 MCF decreasing to 30.8 MCF in 30 min  
 Oil to SRFC in 31 min (42° GR), let hang until daylight  
 2nd Open: GTS GA 30.8 MCFPD  
 Rec: Reversed out 28-30 BO + mud  
 IHP: 2445 FHP: 2424  
 IFP: 823-905 FFP: 986-1009  
 ISIP: 1251 FSIP: 1251  
 BHT 148°

## ELECTRIC LOG

NAME	TOP	BOTTOM
Heebner	3382	3385
Douglas	3438	3653
Iatan	3653	3655
Stalnaker Ss	3689	3794
KC	3956	4169
Marmaton	4242	4358
Cherokee	4358	4503
Mississippi	4503	4856
Chattanooga	4856	4882
Misener	4882	4889
Viola	4894	4933
Simpson	4933	TD