

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 # 9159
Name Sterling Exploration
Address 12101 Frost
City/State/Zip K.C. Mo. 64138

Purchaser Vanguard Pipeline

Operator Contact Person James Reese
Phone 8167371026

Contractor: License # 5661
Name Kelly Down Drilling

Wellsite Geologist None
Phone

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

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

WELL HISTORY

Drilling Method:
XX Mud Rotary Air Rotary Cable
12-17-87 12-23-87 12-29-87
Spud Date Date Reached TD Completion Date
1608 1605
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 44 feet
Multiple Stage Cementing Collar Used? Yes XX No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from surface 1605 feet depth to 238 w/ SX cmt
Cement Company Name Consolidated
Invoice # paid on location

API NO. 15-.087-20,399-00-00
County Jefferson
NE Sec. 1 Twp. 10 Rge. 19 XX East West

4420 Ft North from Southeast Corner of Section
430 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

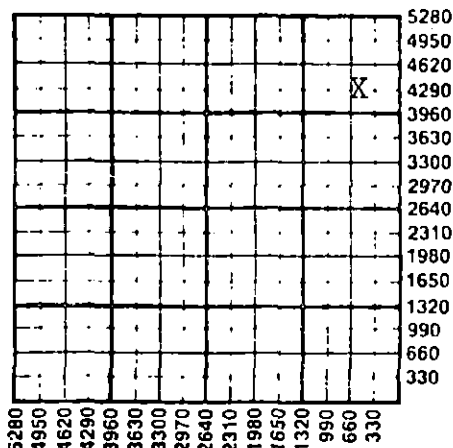
Lease Name W. Kimmel Well # 1-87

Field Name McLouth, West

Producing Formation Cherokee

Elevation: Ground N/A KB N/A

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

XX Other (explain) McLouth
(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 [Signature]

Title Owner Date Feb 1, 1988

Subscribed and sworn to before me this 1st day of Feb 1988

Notary Public [Signature]

Date Commission Expires June 4, 1990

K.C.C. OFFICE USE ONLY
58 Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
STATE CORPORATION COMMISSION
Distribution
KCC SWD/Rep NGPA
KGS Plug 1988 Other
2-14-88 (Specify)
CONSERVATION DIVISION
Wichita, Kansas

Sec. 10 Rge. 19E

SIDE TWO

Operator Name Sterling Exploration Lease Name..... W. Kimmel Well #.. 1-8.7

Sec..... 1 Twp..... 10 Rge..... 19 East West County..... Jefferson

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

Name Top Bottom

No logs or samples above 600'

Kansas City Gp.	637	855
Pleasanton Gp	855	988
Marmaton Gp	988	1090
Cherokee	1090	1557
McLouth	1557	1586
Mississippian	1586	1608
TD 1608		

CASING RECORD <input type="checkbox"/> New <input checked="" 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 casing .....	..... 12 1/4 .....	..... 7 5/8 .....	..... 10.5 .....	..... 44 .....	..... Port .....	..... 20 .....	..... None
..... casing .....	..... 6 1/2 .....	..... 4 1/2 .....	..... 10.5 .....	..... 1605 .....	..... .....	..... 238 .....	..... 2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
..... 3 .....	..... 1557-1560 3. 1/8. SSR .....			..... N/A .....		..... .....
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
Date of First Production	Producing Method <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		
	Bbls	220 MCF	None Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)1557-1560:..
 Dually Completed Commingled