3-10-20E

SIDE ONE

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

API NO. 15- 103-20,993

County Leavenworth

S1/2 N1/2 SE Sec. 3 Twp. 10 Rge. 20 X East ___ West

1650 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Pennel Well # 2

Field Name Bankers Life

Producing Formation McLouth Sand

Elevation: Ground 1081 KB

Operator: License # 3133
Name KLM Exploration co., Inc.
Address P.O. Box 151
City/State/Zip McLouth, KS 66054

Purchaser Enron Oil Trading
Houston, Texas

Operator Contact Person Douglas Baker
Phone 913-796-6763

Contractor: License # 5661
Name Kelly Down Drilling

Wellsite Geologist N/A
Phone

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

X 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:
X Mud Rotary ___ Air Rotary ___ Cable

4-11-88 4-14-88 4-21-88
Spud Date Date Reached TD Completion Date

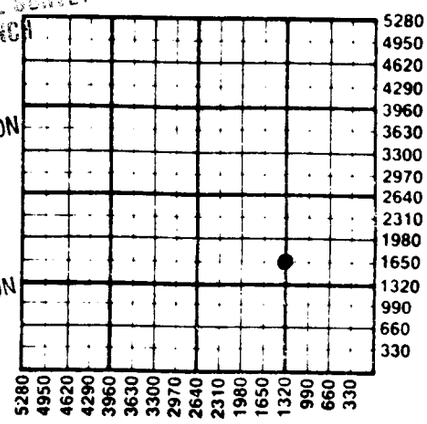
1480
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 233 feet
Multiple Stage Cementing Collar Used? ___ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 233 feet depth to surf w/ 80 SX cmt
Cement Company Name Halliburton
Invoice # 352621

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION
NOV 14 1988
CONSERVATION DIVISION
Wichita, Kansas
NOV 17 1988

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 # N/A

___ 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

X Other (explain) Purchased Bolinger Supply
(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 Douglas Baker

Title Secretary Date 11-4-88

Subscribed and sworn to before me this 4 day of November 19 88
Notary Public Herbert Edmonds

Date Commission Expires Sept 19, 1990

HERBERT EDMONDS
My Appt exp 9-19-90

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)

Sec. 3 Twp. 10 Rge. 20E

Form ACO-1 (5-86)

SIDE TWO

Operator Name KLM Exploration Co., Inc. Lease Name Pennel Well # 2

Sec. 3 Twp. 10 Rge. 20 [X] East [ ] West County Leavenworth

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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description
[XX] Log [ ] Sample

Name	Top	Bottom
McLouth	1432	1452
Mississippi	1469	

CASING RECORD [ ] New [XX] 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 5/8	8 5/8	38	233		80	
Production	6 1/2	4 1/2	9.5	1473		160	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated
4	1430 - 1442

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)	Depth
Shot	

TUBING RECORD Size 2 3/8 Set At 1448 Packer at

Liner Run [ ] Yes [X] No

Date of First Production 4-21-88

Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	30 Bbls	N/A MCF	NONE Bbls	CFPB	22

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [ ] Sold [XX] Used on Lease

[ ] Open Hole [X] Perforation
[ ] Other (Specify)

[ ] Dually Completed
[ ] Commingled

Production Interval
1430
1442