

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3133
Name: KLM Exploration Inc.
Address: 600 E. Lake St.
City/State/Zip: McLouth, KS 66054
Purchaser: Semcrude
Operator Contact Person: Larry Alex
Phone: (913) 796-6763
Contractor: Name: Kan-Drill Inc.
License: 32548
Wellsite Geologist: Larry Alex

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

4-23-03 4-30-03 5-6-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 103-21.287 - 00-00

County: Leavenworth

NE SW NE NW Sec. 3 Twp. 9 S. R. 20 ☒ East ☐ West

4300 FSL feet from S / N (circle one) Line of Section

3350 FEL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Harper Well #: 2A

Field Name: Easton

Producing Formation: McLouth

Elevation: Ground: 999 Kelly Bushing: _____

Total Depth: 1502 Plug Back Total Depth: -

Amount of Surface Pipe Set and Cemented at 43' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to 0' w/ 60 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content FRESH WATER ppm Fluid volume _____ bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report 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.

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: Larry D. Alex

Title: General Manager Date: 9-7-06

Subscribed and sworn to before me this 7 day of Sept

20 06

Notary Public: Herbert Edmonds

Date Commission Expires: 11-18-06

NOTARY PUBLIC

State of Kansas

My appt expires: _____

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

Wireline Log Received

Geologist Report Received

UTC Distribution

RECEIVED

SEP 18 2006

KCC WICHITA

105046

Side Two

Operator Name: KLM Exploration Inc. Lease Name: Harper Well #: 2A
 Sec. 3 Twp. 9 S R. 20 ☒ East ☐ West County: Leavenworth

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No ☒ Log Formation (Top), Depth and Datum ☒ Sample
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No Name Top Datum

Cores Taken ☐ Yes ☒ No Kansas City 720'

Electric Log Run: ☒ Yes ☐ No U McLouth 1392 1422
 (Submit Copy) L McLouth 1438 1450
 Mississippi 1484

List: All E. Logs Run:

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	12.25 "	8.625 "	24 #	42	Class A	60	
Production	6.5 "	4.5 "	10.5 #	1498	50/50 poz	159	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	1396' to 1422'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
		2 3/8 "	1420'			
Date of First Resumerd Production, SWD or Enthr.		Producing Method		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
10-20-03						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	10	0	2		22	

Disposition of Gas **METHOD OF COMPLETION** Production Interval

☐ Vented ☐ Solid ☒ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
 (If vented, Submit ACD-18.) ☐ Other (Specify)