

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISIONForm ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 31458Name: H J IncAddress: 70 N. Farmland RdCity/State/Zip: Garden City, KS 67846Purchaser: Lumen Energy Corp.Operator Contact Person: Kenneth LangPhone: (620) 287-1910Contractor: Name: Express Well ServiceLicense: 6426**RECEIVED**Wellsite Geologist: Jim MusgroveNOV 12 2003**KCC WICHITA**

Designate Type of Completion:

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

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

Operator: Ben F. BrockWell Name: Miller #1Original Comp. Date: 7-12-47 Original Total Depth: 3602 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. _____8-14-03 8-16-03 8-26-03Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion DateAPI No. 15 - 009-06999-00-01County: BartonNW NW NE Sec. 21 Twp. 19 S. R. 14 East West
330 feet from S / N (circle one) Line of Section2310 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SWLease Name: Callahan Well #: 2-21Field Name: HeizerProducing Formation: Herrington-KriederElevation: Ground: 1891 Kelly Bushing: _____Total Depth: 1800 Plug Back Total Depth: 1793Amount of Surface Pipe Set and Cemented at 816 FeetMultiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1793feet depth to 1455 w/ 250 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 30,000 ppm Fluid volume 320 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: _____

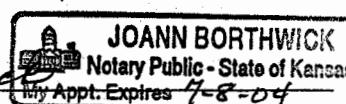
Lease Name: _____ License No.: _____

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: Kenneth LangTitle: President Date: 11-7-03Subscribed and sworn to before me this 17th day of November,2003Notary Public: Joann BorthwickDate Commission Expires: July 8, 2004

KCC Office Use ONLY

 Letter of Confidentiality AttachedIf Denied, Yes Date: _____ Wireline Log Received Geologist Report Received UIC Distribution

Operator Name: H J Inc

Lease Name: Callahan

Well #: 2-21

Sec. 21 Twp. 19 S. R. 14

 East West

County: Barton

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 (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum Name Top	<input type="checkbox"/> Sample Datum
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	None Available	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: Sonic Cement Bond Log			

CASING RECORD <input 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	# Sacs Used	Type and Percent Additives
Surface Pipe				816	All ready in Hole		
Production	7 7/8	5 1/2"	17#	1793	Lite ASC	150 100	Gel 1 sack Floseal 38#
							Xolseal 500#

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

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			
2	1722-1736			Acid Treatment 600 Gal.			
2	1744-1750			15% HCL 90 Ball sealers			
				1500 gal. 2% KCL Flush			
				ISFP on Vacuum			

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	1720	None		

Date of First, Resumed Production, SWD or Enhr.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	None	30		2		

Disposition of Gas	METHOD OF COMPLETION			Production Interval			
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<input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled
	<input type="checkbox"/> Other (Specify)