

## CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1046408

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

## WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3842	API No. 15
Name:Larson Engineering, Inc. dba Larson Operating Company	Spot Description:
Address 1: 562 W STATE RD 4	SE_NE_NW_SW Sec. 20 Twp. 18 S. R. 30 ☐ East  West
Address 2:	2,275 Feet from ☐ North / ✓ South Line of Section
City: OLMITZ State: KS Zip: 67564 + 8561	4,187 Feet from ✓ East / West Line of Section
Contact Person: Thomas Larson  Phone: ( 620 ) 653-7368	Footages Calculated from Nearest Outside Section Corner:  ☐ NE ☐ NW ☑ SE ☐ SW
CONTRACTOR: License # 33935	County: Lane
Name: H. D. Drilling, LLC	Lease Name: Harris Well #: 1-20
Wellsite Geologist: Vernon Schrag	Field Name: Cowdery
Purchaser: NCRA	Producing Formation: Cherokee, Marmaton
Designate Type of Completion:	Elevation: Ground: 2897 Kelly Bushing: 2904
✓ New Well Re-Entry Workover	Total Depth: 4680 Plug Back Total Depth: 4634
✓ Oil         WSW         SWD         SIOW           Gas         D&A         ENHR         SIGW           OG         GSW         Temp. Abd.	Amount of Surface Pipe Set and Cemented at: 258 Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: 2182 Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 2182
Cathodic Other (Core, Expl., etc.):	feet depth to: 0 w/ 160 sx cmt
If Workover/Re-entry: Old Well Info as follows:	leet depth tow/sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: 9600 ppm Fluid volume: 800 bbls
Conv. to GSW	Dewatering method used: Evaporated
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
7/26/2010 8/8/2010 8/27/2010	
Spud Date or Date Reached TD Completion Date or Recompletion Date	

## AFFIDAVIT

I am the affiant and I hereby certify that 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.

**Submitted Electronically** 

KCC Office Use ONLY	
Letter of Confidentiality Received  Date:	
Confidential Release Date:	
☑ Wireline Log Received	
Geologist Report Received	
UIC Distribution	
ALT I I III Approved by: NAOMI JAMES Date: 11/22/2010	