DEBRA J. LUDWIG

ly Appt. Expires 5/5

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

Name: LARSON ENGINEERING, INC. Address: \$82 WEST \$TATE ROAD 4 Chick/State/Zpc. OLMITZ, KS 67584-5851 Purchaser: NCRA Operator Contact Parion: TOM LARSON Phone: (820) 658-7988 MAR 1 U 2009 Contractor: Name: H.D. DigiLUND, LLC. License: 33935 Wellsire Geologist: Richards, LLC. License: System of Completion: X. New Well Re-Entry Workover X. Oll SVD SIND Temp Abd. Gas ENHR SIGW Dy Other (Core, WSW, Expl., Calhodic, etc) If Workover/Re-entry: Old Well into as follows: Well Name: Original and two cyples of the Spub Reserve Pity Depending Re-perf. Corw. to Entri-/SWD Plug Back Plug Back Total Depth: Operation Date of Recompletion Date Recorded for Application State Recorded for Recompletion Date Recorded for Recorded for Recorded for Recorded for Application Date Recorded for Recorded for Recorded for Recorded for Application Date Recorded for Recorded for Recorded for Application Date Recorded for Recorded for Recorded for Recorded for Application Date Recorded for Recorded fo	Operator: License # 3842	API No. 15 - 101-22139-00-00
CRYSTARE ZIP: OLIMITZ, KS 67564-8561 Purchaser NORA Operator Contract Person: TOM LARSON Phone: (620) 653-7388 MAR 1 0 2009 Contractor, Name: H.D. DRILLING, LLC. Licensee: 39805 Contractor, Name: H.D. DRILLING, LLC. Ulcensee: 39805 Designate Type of Completion: Well # 1:3 Producing Formation: CHEROKEE, MARMATON, L-KC Elevation: Grand: 28807 RICHARD S, DAVIS JF Producing Formation: CHEROKEE, MARMATON, L-KC Elevation: Grand: 28807 KNew Well Re-Entry Workover X. New Well Re-Entry Re-Entry Workover/Re-entry: Old Well Info as follows: Dry Other (Core, WSW). Expt., Cathodic, etc.) If Workover/Re-entry: Old Well Info as follows: Original Comp. Date: Original Com		County: LANE
Cey/Stato/Zip: OLMTZ KS 67564-8561		NW SE NE SW Sec. 3 Twp. 19 S. R. 30 ☐ East ☑ West
Contractor Name: H.D. DRILLING, LLC Licenses: 38935 Sag55 Sag55 Sag55 Sag55 Sag55 Sag55 Sag555 Sag555 Sag555 Sag5555 Sag5555 Sag5555 Sag5555 Sag55555 Sag555555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag555555 Sag5555555 Sag55555555 Sag5555555 Sag5555555 Sag55555555 Sag55555555555 Sag5555555555 Sag555555555555555555555555555555555555	City/State/Zip: OLMITZ, KS 67564-8561	1800/834 feet from SOUTH Line of Section
Contractor Name: H.D. DRILLING, LLC Licenses: 38935 Sag55 Sag55 Sag55 Sag55 Sag55 Sag55 Sag555 Sag555 Sag555 Sag5555 Sag5555 Sag5555 Sag5555 Sag55555 Sag555555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag555555 Sag5555555 Sag55555555 Sag5555555 Sag5555555 Sag55555555 Sag55555555555 Sag5555555555 Sag555555555555555555555555555555555555	- 1 NODA	2090 3/80 feet from WEST Line of Section ()
Contractor Name: H.D. DRILLING, LLC Licenses: 38935 Sag55 Sag55 Sag55 Sag55 Sag55 Sag55 Sag555 Sag555 Sag555 Sag5555 Sag5555 Sag5555 Sag5555 Sag55555 Sag555555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag555555 Sag5555555 Sag55555555 Sag5555555 Sag5555555 Sag55555555 Sag55555555555 Sag5555555555 Sag555555555555555555555555555555555555	Operator Contact Person: TOM LARSON	Footages Calculated from Nearest Outside Section Comer:
Contractor Name: H.D. DRILLING, LLC Licenses: 38935 Sag55 Sag55 Sag55 Sag55 Sag55 Sag55 Sag555 Sag555 Sag555 Sag5555 Sag5555 Sag5555 Sag5555 Sag55555 Sag555555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag55555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag5555555 Sag555555 Sag5555555 Sag55555555 Sag5555555 Sag5555555 Sag55555555 Sag55555555555 Sag5555555555 Sag555555555555555555555555555555555555	Phone: (620) 653-7368 MAR 1 () 2009	(circle one) NE SE NW SW WW
Designate Type of Completion: Producing Formation: CHEROKEE, MARMATON, L.K.C.		Lease Name: BRYANT Well #: 1-3
Designate Type of Completion: X New Well Ro-Entry Workover X Oil SWD SIOW Temp Abd. Gas ENHR SIGW Amount of Surface Pipes and Cemented at 248 Feet Multiple State Cementing Collar Used? Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: Operator: Operator: Original Total Depth: 4880' Plug Back Total Depth: 2181 Feet If Alternate III completion, cement circulated from 2181 feet depth to SURFACE w 200 sx omt. Depening Re-perf. Corv. to Entr./SWD Plug Back Plug Back Total Depth: Other (SWD or Entr.?) Original Docket No. Other (SWD or Entr.?) Docket No. Date Reached To Completion Date or Recompletion Date or State Plug State		Field Name: WILDCAT
Elevation: Ground:	•	Producing Formation: CHEROKEE, MARMATON, L-KC
Amount of Surface Pipe Set and Cemented at		Elevation: Ground: 2880' Kelly Bushing: 2885'
X Oil SWD SIOW Temp Abd. Amount of Surface Pipe Set and Cemented at 248 Feet Gas ENHR SIGW Dry Orther (Core, WSW, Expl., Cathodic, etc) Hyes, show depth set 2181 Feet If WorkoveriRe-entry: Old Well Info as follows: If Alemate II completion, cement circulated from 2181	• •	Total Depth: 4660' Plug Back Total Depth: 4615'
Gas		Amount of Surface Pipe Set and Cemented at Feet
Dry Other (Core, WSW, Expl., Cathodic, etc) If Yes, show depth set		Multiple State Cementing Collar Used? ⊠ Yes □ No
If Alternate II completion, cement circulated from 2181 Coperator:	-	If yes, show depth set 2181 Feet
Operator: Mell Name: Original Comp. Date:		•
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. Instructions: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market-Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-9-130, 82-3-106 and 82-3-107 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 82-3-110 tor 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 compiled with and the statements herein are complete, and correct to the best of my knowledge. Wireline Log Received Geologist Report Received Wireline Log Received		feet depth to SURFACE w/ 200 sx cmt.
Original Comp. Date: Original Total Depth: Original Total Depth: Original Comp. Date: Original Total Depth: Original Comp. Date Pering Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Plug Back Total Depth Plug Back Total Depth Devatering method used ALLOWED TO DRY Dual Completion Docket No. Devatering method used ALLOWED TO DRY Location of fluid disposal if hauled offsite: Operator Name: Lease Name: License No.: Operator Name: Lease Name: License No.: Devatering method used ALLOWED TO DRY Location of fluid disposal if hauled offsite: Operator Name: Lease Name: Lease Name: Lease Name: Lease Name: N		
Piug Back Plug Back Total Depth Plug Back Total Back T		Drilling Fluid Management Plan
Plug Back		(Data must be collected from the Reserve Pit)
Dewatering method used ALLOWED TO DRY		Chloride content 6400 ppm Fluid volume 1100 bbls
Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. 11/12/2008 11/22/2008 11/3/2009 Completion Date or Recompletion Date or Recomplet		·
Operator Name: Lease Name: Noker Dake: Noker No.: Docket No.: Docket No.: Impurity on S. R. East West Name Name Name Name Name Name Name Name		
Lease Name: License No.:	- · · · · · · · · · · · · · · · · · · ·	Operator Name:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date County: Docket No.: Docket No.:	Office (SWD of Entitle.)	Lease Name: License No.:
Spud Date or Recompletion Date Date Reached TD Date Reached TD Completion Date County: Docket No.:	11/22/2008 1/13/2009	Quarter Sec. Twp. S. R. East West
INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market-Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Pule 82-3-130, 82-3-106 and 82-3-107 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 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. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received Wireline Log Received UIC Distribution WAR 1 1 2005	Spud Date or Date Reached TD Completion Date or	
Kansas 67202, within 120 days of the spud date, recompletion, workover or with the form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-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-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-Information on side two of this form with all plugged wells 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. KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution MAR 1 1 2000 CCC WIICLUT	Recompletion Date Tecompletion Date	
Notary Public: MAY 5, 2012 KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution MAR 1 1 2000	Kansas 67202, within 120 days of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date, recompletion, workd Information on side two of this form will be held confidential for a period of the spud date.	of 12 months if requested in writing and submitted with the form (see rule 82-3-
Notary Public: MAY 5, 2012 KCC Office Use ONLY Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution MAR 1 1 2000	All requirements of the statutes rules and regulations promulgated to requ	late the oil and gas industry have been fully complied with and the statements
Signature: Commission Expires: MAY 5, 2012 Commission Expires: MAY 5,	herein are complete and correct to the best of my knowledge.	
Signature: Title: SECRETARY/TREASURER Date: 3/9/2009 Subscribed and sworn to before me this 9TH day of MARCH 2009. Notary Public: May 5, 2012 Date Commission Expires: MAY 5, 2012 If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution MAR 1 2009	$()$ \cap $()$	KCC Office Use ONLY
Title: SECRETARY/TREASURER Date: 3/9/2009 Subscribed and sworn to before me this 9TH day of MARCH 2009. Notary Public: MAY 5, 2012 Date Commission Expires: MAY 5, 2012 If Denied, Yes Date:	Signature and Te	Letter of Confidentiality Attached
Subscribed and sworn to before me this 9TH day of MARCH 2009. Notary Public: MAY 5, 2012 MAR 1 1 2009. MAR 1 1 2009.		If Denied, Yes □ Date:
Subscribed and sworn to before me this 91H day of	Title: SECRETARI/ INCACONER	
Notary Public:	Subscribed and sworn to before me this 9TH day of MARCH	
Notary Public:	2009.	Geologist Report Received RECEIVED
Date Commission Expires: MAY 5, 2012 KCC MICUIT		UIC Distribution MAD 4 1 2000
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