## Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINACO-1
September 1999
Form Must Be Typed

## OIL & GAS CONSERVATION DIVISION UP WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name Layne Energy Operating, LLC Address 1900 Shawnee Mission Parkway  Othy/Stata/Zip: Mission Woods, KS 66205  Dearator Contact Person: M. Brent Nattrass  Operator Contact Person: M. Brent Nattrass  Operator: Monte Operator Contact Person: M. Brent Nattrass  Operator: M. Brenty	Operator: License # 33365	API No. 15 - 125-31036-00-01
Address: 1900 Shawnee Mission Parkway  Chrysteracy: Mission Woods, KS 66205  Purchaser: 1900 Shawnee Mission Woods, KS 66205  Purchaser		1
1980   feet from S N (cracle cos) Line of Section Contents Person; M Brent Naturass   CCC		· · · · · · · · · · · · · · · · · · ·
Footages   Collection   Septiment   Competition   Compet		1
Footages Calculated from Nearest Outside Section Corner: (arcte one) NE series Outside Section Corner (arcte one		· 660
Contractor: Name: Thornton Air Rotary  License: 33606  CONFIDENTIAL  Well #: 12-20  Lease Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin Coal Area  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin  Fled Name: Cherokee Coals  Fled Name: Cherokee Coals  Fled Name: Cherokee Basin  Fled Name: Cherokee Coals  Fled Name: Cherokee  Fled Name: Cherokee Coals  Fled Name: Cherokee Bas		1991 HOHE E / WY (CITCLE ONE) LINE OF SECTION
Contractor: Name: Thornton Air Rotary  License. 33606  CONFIDENTIAL  Wellste Geologist:  Designate Type of Completion:  New Well Re-Entry Workover  Oil SWD SIOW Temp Abd.  Y Gas ENHR SIGW  Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well info as follows:  Operator:  Well Name:  Despening PRe-perf. Conv. to Enhr/SWD  Plug Back Total Depth: 1539'  Despening PRe-perf. Conv. to Enhr/SWD  Delta Commingled Docket No.  Dual Completion Docket No.  Oidher (SWD or Enhr.?)  Docket No.  Dother (SWD or Enhr.?)  Date Reached TD Completion Date  Recompletion Date  Now Recompletion Date  North Recompletion Date  North Status of 12 months, One copy of all writerine logs and geologist will report shall be stated with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit OP-4 form with all plugged wells.  Well Anne:  Deale: Appent  KCC Office Use ONLY  Lesse Name:  Greer Farms  Field Name: Cherokee Basin Coal Area  Freducing Formation: Cherokee Coals  Field Name: Cherokee Basin Coal Area  Freducing Formation: Cherokee Basin Coal Area  Producing Formation: Cherokee Coals  Field Name: Cherokee Basin Coal Area  Freducing Formation: Cherokee Basin Coal Area  Producing Formation: Cherokee Basin Coal Area  Freducing Formation: Cherokee Basin Call Settle Particulation: Great Basin Coal Area  Freducing Formation: Cherokee Basin Call Settle Particulation: Grounds Basin Cherokee Basin Call Settle Particulation: Great Basin Call Settle Depth: 1519.2  Amount of Surface Pipe Set and Cemented at 20  Multiple Stage Cementing Collar Used?  If yes, show depth set.  If ABernata II completion: General of the State Depth: 1519.2  Amount of Surface Pipe Set and Cemented at 20  Multiple Stage Cementing Collar Used?  If ABernata II completion: Ge		
Wellsite Geologist: Designate Type of Completion: New Well Re-Entry Workover Oil SWD SIOW Temp Abd.  Well Sing Re-Entry Workover Oil SWD SIOW Temp Abd.  Well Sing Re-Entry Workover Oil SWD Sing Re-Entry Morkover Oil SwD Oil Sing Re-Entry Morkover Oil Morkover/Re-Entry: Old Well Info as follows: Operator: Operator: Ongeriator: Ongeriator: Ongeriator: Ongeriator: Oil SwD Oil Well Info as follows: Original Comp. Date: Oil Morkover/Re-Entry: Oil Multiple Stage Cementing Collar Used? If Alternate II completion, cament circulated from 1519 feet depth to. Surface Well Name:  If Alternate II completion, cament circulated from 1519 feet depth to. Surface Well Management Plan Dewatering method used N/A - Air Drilled Location of fluid disposal if hauled offsite: Operator Name: Lease N		
Wellsite Geologist:  Designate Type of Completion:  New Well Re-Entry Workover  New Well Re-Entry Workover  Oil SWD SIOW Temp. Abd.  J Gas ENHR SIGW  Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well info as follows:  Original Comp. Date: 4/18/2007 Original Total Depth:  Despening Re-perf.  Conv. to Entr/SWD  Plug Back Total Depth:  Despening Producing Formation:  Multiple Stage Cementing Coller Used?  Well Name:  Original Comp. Date: 4/18/2007 Original Total Depth:  Despening Plug Back Total Depth:  Despening Producing Formation:  Multiple Stage Cementing Coller Used?  With Workover/Re-entry: Old Well info as follows:  Well Name:  Original Comp. Date: 4/18/2007 Original Total Depth:  Despening Plug Back Total Depth:  Despening Producing Formation:  Multiple Stage Cementing Coller Used?  With It completion, cement circulated from 1519  feet depth to. Surface w. 155 sx.   Drilling Fluid Management Plan  (Data must be collected from the Reserve Pti)  Chiloride content. N/A ppm Fluid volume  Dewatering method used N/A - Air Drilled  Location of fluid disposal if hauled offsite:  Operator Name:  Lease Name:  License No:  Operator Name:  Lease Name:  Docket No.  INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, Within Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-9-130, 82-9-106 and 82-9-107 app. Information of side two of this form will be held confidential for a pend of 12 months if requested in writing and submitted with the form (see rule 82-107 to confidentiality) in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with his form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarity abendoned wells.  Witholite Log Received  Witholite Log Received  Witholite Log Received  Witholite Log Received		
Designate Type of Completion:  New Well Re-Entry Workover  Oil SWD SIOW Temp. Abd.  Oil SWD SIOW Temp. Abd.  Oil SWD SIOW Temp. Abd.  Only Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry: Old Well Info as follows:  Operator:  Well Name:  Driginal Comp. Date: 4/18/2007 Original Total Depth: 1539'  Despening Re-perf. Conv. to Entr/SWD Plug Back Total Depth  Commingled Docket No.  Outer (SWD or Entr.?) Docket No.  Outer (SWD or Entr.?) Docket No.  Outer (SWD or Entr.?) Date Reached TD Completion Date or recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichil Kansas 67202, within 120 days of the spud date, recompletion, oxfover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 app Information of side two of this form will be held confidential for a period of 12 months if requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statemerien are completed and own to before me this 24 day of Suffered by Suffered to Suffered this Suffered to Suffered		
New Well Re-Entry Workover  Oil SWD SIOW Temp. Abd.  Amount of Surface Pipe Set and Cemented at 20  Multiple Stage Cementing Collar Used?   Yes 5  Well Name:  Original Comp. Date: 4/18/2007 Original Total Depth: 1539'  Deepening Re-perf. Conv. to Enhr./SWD Plug Back Total Depth  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  Sid/2007  Spud Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wilchin Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-105 and 82-3-107 app Information of side two of this form will be held confidential for a period of 12 months if requested in writing and summitted with the form, ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged Wells. Submit CP-111 form with all temporarily abandoned wells.  It requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully compiled with and the statem erein are complete and cymerc to the best of my knowledge.  If yes, show depth se if the All completion, cement circulated from		Producing Formation: 884'
Amount of Surface Pipe Set and Cemented at 20    Yes   Gas		
Multiple Stage Cementing Coltar Used?	· ·	
If yes, show depth set		
If Alternate II completion, cement circulated from 1519 feet depth to Surface   My   155   sx    Surface   My   155   sx   Drilling Fluid Management Plan   (Deta must be collected from the Reserve Pit)		
Deperator:	· · · · · · · · · · · · · · · · · · ·	,
Well Name:  Original Comp. Date:  4/18/2007 Original Total Depth: 1539'  Deepening  Plug Back Plug Back Plug Back Total Depth  Commingled Docket No.  Dual Completion Other (SWD or Enhr.?)  Docket No.  Other (SWD or Enhr.?)  Date Reached TD  Completion Date or Recompletion Date or Recompletion Date  Secompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichit Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-9-130, 82-9-106 and 82-3-107 application of side two of this form will be held confidential for a period of 12 months; one copy of all wireline logs and geologist well report shall be attached with the form (see rule 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with the form (see rule 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  KCC Office Use ONLY  Letter of Confidentiality Attached  If Denied, Yes □ Date:  Wireline Log Received	_	
Driginal Comp. Date: 4/18/2007 Original Total Depth: 1539'  Depening 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.  Other (SWD or Enhr.?) Docket No.  Date Reached TD Completion Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichin 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Ill requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statem erein are complete and correct to the best of my knowledge.  Solution of fluid disposal if hauled offsite:  Operator Name:  Lease Name:  Lease Name:  Lease Name:  Quarter Sec. Twp. S. R East		feet depth to surface w/ 155 sx cmt.
Deepening Re-perf. Corv. to Enhr./SWD Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. Other (SWD or Enhr.?) Docket No. Date Reached TD Completion Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichilt Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-9-130, 82-9-106 and 82-3-107 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Ill requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statem erein 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		Drilling Fluid Management Plan
Plug Back Plug Back Total Depth  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  Date Reached TD Completion Date or Recompletion Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichit 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 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Ill requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statemer are complete and cyrrect to the best of my knowledge.  KCC Office Use ONLY  Letter of Confidentiality Attached  If Denied, Yes Date:  Wireline Log Received		(Data must be collected from the Reserve Pit)
Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  Other (SWD or Enhr.?) Docket No.  SA/I/2007  Spud Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichit 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 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Ill requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statem erein 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	•	Chloride content N/A ppm Fluid volume bbls
Dual Completion Other (SWD or Enhr.?)  Other	Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled
Other (SWD or Enhr.?) Docket No.  Operator Name:  Lease Name:  Lease Name:  County:  Docket No.:  Ounty:  INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichili 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 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Ill requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statem erein 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	Commingled Docket No.	Location of fluid disposal if hauled offsite:
Completion Date    Completion Date   Completion Date   Completion Date   County:   Cou	Dual Completion Docket No	·
Spud Date or Recompletion Date  Date Reached TD  Date Reached TD  Date Recompletion Date  NSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Witchit 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 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.  Ill requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statem erein 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	Other (SWD or Enhr.?) Docket No	
Date Reached TD Completion Date    Completion Date   County:	6/4/2007 6/5/2007	
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 app 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 82-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTIN 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 statem erein are complete and correct to the best of my knowledge.  Signature:  Date:  Date:  Date:  Date:  Date:  Wireline Log Received	Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West County: Docket No.:
ignature: MS National Signature: MS National	Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
ubscribed and sworn to before me this Hoay of Allember , Wireline Log Received	MR HATEL	KCC Office Use ONLY
ubscribed and sworn to before me this Hoay of Allember , Wireline Log Received	itle: Agent Pate: 9/36/07	Latter of Confidentiality, Attacks
Wireline Log Received		
		,
	0 D'1. M &	
otary Public: // UCC Distribution UIC Distribution	otary Public: // WCX/MY/My Slevens	UIC Distribution
ate Commission Expires: 1-4-2009 SEP 2 8 2007	ate Commission Expires: 1-4-2009	Notary Public - State of Kansas SEP 2 8 2007

CONSERVATION DIVISION WICHITA, KS