

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

*Corrected*

Operator: License # 33365  
Name: Layne Energy Operating, LLC  
Address: 1900 Shawnee Mission Parkway  
City/State/Zip: Mission Woods, KS 66205  
Purchaser: \_\_\_\_\_  
Operator Contact Person: M. B. Natrass  
Phone: (913) 748-3987  
Contractor: Name: McPherson Drilling  
License: 5675  
Wellsite Geologist: \_\_\_\_\_

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. \_\_\_\_\_

<u>5/23/2006</u>	<u>5/25/2006</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15-125-30753-00-01  
County: Montgomery  
E/2 SE SE NW Sec. 20 Twp. 32 S. R. 16  East  West  
2262 feet from S  (N) (circle one) Line of Section  
2573 feet from E  (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  NW SW  
Lease Name: Casey Well #: 6-20  
Field Name: Brewster  
Producing Formation: Cherokee Coals  
Elevation: Ground: 757' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1153' Plug Back Total Depth: 1141'  
Amount of Surface Pipe Set and Cemented at 20' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1149  
feet depth to Surface w/ 135 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content n/a ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used n/a air drilled  
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: M.B. Natrass  
Title: Agent Date: 10/17/06  
Subscribed and sworn to before me this 17 day of October  
2006  
Notary Public: Brooke C. Maxfield  
Date Commission Expires: 12/28/09

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**APR 07 2008**

NOTARY PUBLIC -- State Of Kansas  
BROOKE C. MAXFIELD  
My Appt. Exp. 12/28/09

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Casey Well #: 6-20  
 Sec. 20 Twp. 32 S. R. 16 ✓ East West County: Montgomery

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes No <i>(Submit Copy)</i>  List All E. Logs Run:  Compensated Density Neutron Dual Induction	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">✓ Log</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Top Datum</td> </tr> <tr> <td></td> <td>Pawnee Lime</td> <td style="text-align: center;">492 265</td> </tr> <tr> <td></td> <td>Excello Shale</td> <td style="text-align: center;">652 105</td> </tr> <tr> <td></td> <td>V Shale</td> <td style="text-align: center;">701 56</td> </tr> <tr> <td></td> <td>Mineral Coal</td> <td style="text-align: center;">740 17</td> </tr> <tr> <td></td> <td>Mississippian</td> <td style="text-align: center;">1062 -305</td> </tr> </table>	✓ Log	Formation (Top), Depth and Datum	Sample		Name	Top Datum		Pawnee Lime	492 265		Excello Shale	652 105		V Shale	701 56		Mineral Coal	740 17		Mississippian	1062 -305
✓ Log	Formation (Top), Depth and Datum	Sample																				
	Name	Top Datum																				
	Pawnee Lime	492 265																				
	Excello Shale	652 105																				
	V Shale	701 56																				
	Mineral Coal	740 17																				
	Mississippian	1062 -305																				

CASING RECORD <input checked="" 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	# Sacks Used	Type and Percent Additives
Surface	11"	8.625"	23	20'	Class A	4	Type 1 Cement
Casing	6 3/4"	4.5"	10.5	1149'	Thick Set	135	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
	See attached		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1095'		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Enhr.		Producing Method		
5/25/2006		Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	0	27	

Disposition of Gas:  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION:  Open Hole  Perf.  Other (Specify) \_\_\_\_\_

Production Interval:  Dually Comp.  Commingled \_\_\_\_\_

**RECEIVED**  
KANSAS CORPORATION COMMISSION

**APR 07 2008**

CONSERVATION DIVISION  
WICHITA, KS

**Operator Name:** Layne Energy Operating, LLC.  
**Lease Name:** Casey 6-20  
Sec. 20 Twp. 32S Rng. 16E, Montgomery County  
**API:** 15-125-30753-00-01

<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
		<b>Original Perforations</b>	
4	1055-1058, 975.5-977, 739.5-741	Riverton, Rowe, Mineral - 1,520gal 15% HCL + 520 bbls water + 1,200# 20/40 Sand	739.5-1058
4	702-704, 674.5-676, 652-656.5, 624-627	Croweburg, Ironpost, Mulky, Summit - 1,925 gal 15% HCL + 476 bbls water + 5,100# 20/40 Sand	624-704
		<b>Recompletion Perforations (June 2005)</b>	
4	1065-1069	Mississippi	1065-1069

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 07 2008

CONSERVATION DIVISION  
WICHITA, KS