

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

10/20/08

A MENDED

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. Brent Natrass
Phone: (913) 748-3960
Contractor: Name: Thornton Air Rotary
License: 33606

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Designate Type of Completion:
New Well Re-Entry Workover
Oil SWD SIOW Temp. Add.
Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

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SEP 06 2007
CONSERVATION DIVISION
WICHITA, KS

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.
6/26/2006 6/27/2006 5/9/2007
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-31049-00-00
County: Montgomery
NW NW Sec. 8 Twp. 32 S. R. 16 East West
747 feet from S / N (circle one) Line of Section
655 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Oakhurst Farms Well #: 4-8
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 764' Kelly Bushing:
Total Depth: 1187' Plug Back Total Depth: 1182'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 1182 feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan DH 11-4-08
(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: MB Natrass
Title: Agent Date: 9/5/07
Subscribed and sworn to before me this 5 day of September, 2007.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1/4/2009

KCC Office Use ONLY
Letter of Confidentiality Attached
If Denied, Yes Date:
Wireline Log Received
Geologist Report Received
UIC Distribution

MacLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires 1/4/2009

Operator Name: Layne Energy Operating, LLC Lease Name: Oakhurst Farms Well #: 4-8  
 Sec. 8 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Compensated Density Neutron Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee Lime</td> <td>521 GL</td> <td>243</td> </tr> <tr> <td>Excello Shale</td> <td>676 GL</td> <td>88</td> </tr> <tr> <td>V Shale</td> <td>725 GL</td> <td>39</td> </tr> <tr> <td>Mineral Coal</td> <td>765 GL</td> <td>-1</td> </tr> <tr> <td>Mississippian</td> <td>1085 GL</td> <td>-321</td> </tr> </table>	Name	Top	Datum	Pawnee Lime	521 GL	243	Excello Shale	676 GL	88	V Shale	725 GL	39	Mineral Coal	765 GL	-1	Mississippian	1085 GL	-321
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Excello Shale	676 GL	88																	
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Mineral Coal	765 GL	-1																	
Mississippian	1085 GL	-321																	

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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	# Sacs Used	Type and Percent Additives
Surface	11"	8.625"	24	21'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1182'	Thick Set	120	10# KOL seal @ sx

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				

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs <input type="checkbox"/> Seals <input type="checkbox"/> Acid, Fracture, Shot, Cement Squeeze Record Specify Footage of Each Interval Perforated	Depth
	See Attached Page	

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**CONSERVATION DIVISION**  
**WICHITA, KS**

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	1004'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>8/15/2007</b>			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	6	17		

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

<b>Operator Name:</b>	Layne Energy Operating, LLC.		
<b>Lease Name:</b>	Oakhurst Farms 4-8		
	Sec. 8 Twp. 32S Rng. 16E, Montgomery County		
<b>API:</b>	15-125-31049-00-00		
<b>Shots per Foot</b>	<b>Perforation Record</b>	<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	<b>Depth</b>
<b>Initial Perforations</b>			
4	Rowe 976.5' - 979'	2500 lbs 20/40 sand 200 bbls water 300 gals 15% HCl acid	976.5' - 979'
4	Mineral 764.5' - 766.5' Croweburg 725' - 728' Iron Post 700' - 702.5'	3700 lbs 20/40 sand 529 bbls water 800 gals 15% HCl acid	700' - 766.5'
4	Mulky 675' - 681.5' Summit 648.5' - 653.5'	1000 lbs 20/40 sand 208 bbls water 650 gals 15% HCl acid	648.5' - 681.5'

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**CONSERVATION DIVISION**  
**WICHITA, KS**

10/20/08

*Layne Energy, Inc.*

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

September 5, 2007

Mr. Steve Bond  
Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

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KANSAS CORPORATION COMMISSION

SEP 06 2007

CONSERVATION DIVISION  
WICHITA, KS

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Re: Amended Well Completion Forms

Dear Mr. Bond:

I have enclosed the **amended** ACO-1 form and associated data for the following well:

API # 15-125-31049-00-00  
Oakhurst Farms 4-8

We respectfully request that all information submitted be kept confidential. Per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information, please contact me at (913) 748-3960.

Sincerely,



MacLaughlin Darling  
Engineering Technician

Enclosures

cc: Well File  
Field Office



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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

OCT 23 2006

Form ACO-1

September 1999

Form Must Be Typed

WELL COMPLETION FORM

CONSERVATION DIVISION WICHITA, KS

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: Thornton Air Rotary
License: 33606

Wellsite Geologist:
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:
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.

6/26/2006 6/27/2006
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 125-31049-00-00
County: Montgomery
NW NW Sec. 8 Twp. 32 S. R. 16 East West
747 feet from S / (N) (circle one) Line of Section
655 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Oakhurst Farms Well #: 4-8
Field Name: Cherokee Basin Coal Area
Producing Formation: Cherokee Coals
Elevation: Ground: 764 Kelly Bushing:
Total Depth: 1187 Plug Back Total Depth: 1182
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from 1181 feet depth to Surface w/ 120 sx cmt.

Drilling Fluid Management Plan ATTACHED 7-31-08
(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: 10/30/06
Subscribed and sworn to before me this 20 day of October
Notary Public: Brooke C. Maxfield
Date Commission Expires: 12/28/09

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

KCC Office Use ONLY
N Letter of Confidentiality Attached
If Denied, Yes Date:
Wireline Log Received
Geologist Report Received
UIC Distribution

Operator Name: Layne Energy Operating, LLC Lease Name: Oakhurst Farms Well #: 4-8  
 Sec. 8 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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron  
 Dual Induction

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Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 Pawnee Lime 521 GL 243  
 Excello Shale 676 GL 88  
 V Shale 725 GL 39  
 Mineral Coal 765 GL -1  
 Mississippian 1085 GL -321

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	# Sacs Used	Type and Percent Additives
Surface	11	8.65	24	21'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1181'	Thick Set	120	

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
	SI - waiting on completion		

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**OCT 23 2006**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
SI - waiting on pipeline		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_



06-29-2006 08:39 GARY R MASSEY 6205835168

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10226

CONSOLIDATED OIL WELL SERVICES, INC.  
P.O. BOX 884, CHANUTE, KS 66720  
620-431-9210 OR 800-487-8676

OCT 23 2006

TICKET NUMBER  
LOCATION Eureka  
FOREMAN Troy Strickler

CONSERVATION DIVISION

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
6-28-06	4758	Oakhurst #4-8				MO												
CUSTOMER <u>Layne Energy</u>			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Calin</td> <td></td> <td></td> </tr> <tr> <td>479</td> <td>Larry</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Calin			479	Larry		
TRUCK #	DRIVER	TRUCK #					DRIVER											
446	Calin																	
479	Larry																	
MAILING ADDRESS <u>P.O. Box 160</u>																		
CITY <u>Sycamore</u>	STATE <u>Ks</u>	ZIP CODE	<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER								
TRUCK #	DRIVER	TRUCK #					DRIVER											

JOB TYPE Longstring HOLE SIZE 6 7/8" HOLE DEPTH 1187' CASING SIZE & WEIGHT 4 1/2"  
 CASING DEPTH 1181' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2" SLURRY VOL 58 Bbl WATER gal/ek 8" CEMENT LEFT in CASING 0'  
 DISPLACEMENT 18.7 Bbl DISPLACEMENT PSI 600 MIX PSI 1100 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 2500 gal water.  
Pump 15 Bbl Gel-Flush, 10 Bbl Metasilicate Pre-Flush 8 Bbl Dye water. Mixed  
120 sks Thick Set Cement w/ 10" Kal-Seal 20/5K @ 13.2" Papi/Wash out  
pump + lines. Release Plug. Displaced w/ 18.7 Bbl water. Final pump pressure  
600 PSI. Bump Plug to 1100 PSI. wait 2 min. Release Pressure Float Held.  
Good Cement to surface = 7 Bbl slurry in Pit.  
Job Complete.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	0	MILEAGE 2nd of 2 wells	3.15	0
1126A	120 sks	Thick Set Cement	14.65	1758.00
1110A	1200 "	Kal-Seal 10" Papi	.36	432.00
1118A	200 "	Gel-Flush	.14	28.00
1111A	50 "	Metasilicate	1.65	82.50
5407A	6.6 Ton	Ton-Mileage Bulk Truck	1.05	277.20
4404	1	4 1/2" Top Rubber Plug	40.00	40.00
Thank You!				
			Sub Total	3417.70
			SALES TAX	124.05
			ESTIMATED TOTAL	3541.75

AUTHORIZATION Called by John Ed. TITLE \_\_\_\_\_ DATE \_\_\_\_\_



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OCT 23 2006

CONSERVATION DIVISION  
WICHITA, KS

## GEOLOGIC REPORT

LAYNE ENERGY  
Oakhurst Farms 4-8  
NW NW, 747 FNL, 655 FWL  
Section 8-T32S-R16E  
Montgomery County, KS

Spud Date:	6/26/2006
Drilling Completed:	6/27/2006
Logged:	6/27/2006
A.P.I. #:	1512531049
Ground Elevation:	764'
Depth Driller:	1187'
Depth Logger:	1191'
Surface Casing:	8.625 inches at 21'
Production Casing:	4.5 inches at 1181.6'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

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### Formation

Kansas City Group  
Pawnee Limestone  
Excello Shale  
"V" Shale  
Mineral Coal  
Mississippian

### Tops (in feet below ground level)

Surface (Drum Limestone)  
521  
676  
725  
765  
1,085

*Layne Energy, Inc.*

1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205 Phone: (913) 748-3987 Fax: (913) 748-3970

10/20/08

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KANSAS CORPORATION COMMISSION

October 20, 2006

**OCT 23 2006**

CONSERVATION DIVISION  
WICHITA, KS

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

**KCC**  
**OCT 20 2006**  
**CONFIDENTIAL**

Re: Well Completion Form

To Whom It May Concern:

I have enclosed the ACO-1 form and associated data for the following wells:

API # 15-125-31049  
Oakhurst Farms 4-8

We respectfully request that all information submitted be kept confidential and per provision E-4 of K.A. R. 82-3-107, we request that the term of the confidentiality be extended by one year.

If you need additional information or have any questions or comments, please contact me at (913) 748-3987.

Best regards,

  
Brooke C. Maxfield

Enclosures

Cc Well File  
Field Office

