

CONFIDENTIAL

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

ORIGINAL
11/29/08
Form ACO-1
September 1999
Form Must Be Typed
AMENDED

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
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. _____
8/2/2006 8/3/2006 4/26/2007
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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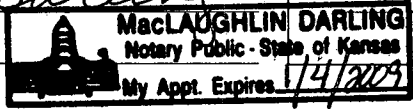
API No. 15 - 125-31037-00-00
County: Montgomery
_____ SW SE Sec. 27 Twp. 31 S. R. 14 East West
430 feet from N (circle one) Line of Section
1996 feet from W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Oliver Well #: 15-27
Field Name: Cherokee Basin Coal
Producing Formation: Cherokee Coals
Elevation: Ground: 906' Kelly Bushing: _____
Total Depth: 1523' Plug Back Total Depth: 1518'
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 1518
feet depth to Surface w/ 150 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: MB Natrass
Title: Agent Date: 8/23/07
Subscribed and sworn to before me this 23 day of August
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
 JIC Distribution

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KANSAS CORPORATION COMMISSION

AUG 24 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Oliver Well #: 15-27
 Sec. 27 Twp. 31 S. R. 14 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pawnee Lime	912 GL -6
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Excello Shale	1052 GL -146
List All E. Logs Run:		V Shale	1104 GL -198
Compensated Density Neutron Dual Induction		Mineral Coal	1150 GL -244
		Mississippian	1422 GL -516

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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	# Sacjs Used	Type and Percent Additives
Surface	11"	8.625"	24	20'	Class A	4	Type 1 cement
Casing	6.75"	4.5"	10.5	1518'	Thick Set	150	

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 <i>(Amount and Kind of Material Used)</i>	Depth
	See Attached Page		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	1414'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
5/9/2007			<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	< 1	< 1			

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

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KANSAS CORPORATION COMMISSION

AUG 24 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Oliver 15-27		
	Sec. 10 Twp. 33S Rng. 16E, Montgomery County		
API:	15-125-31037-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations			
4	Rowe 1366' - 1368.5'	2300 lbs 20/40 sand 245 bbls water 130 gals 15% HCl acid	1366' - 1368.5'
4	Scammon 1164' - 1165' Mineral 1149.5' - 1151.5' V-Shale 1105' - 1108' Bevier 1084' - 1086'	10100 lbs 20/40 sand 948 bbls water 500 gals 15% HCl acid	1084' - 1165'

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CONSERVATION DIVISION
WICHITA, KS

11/29/08

Layne Energy, Inc.

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

August 23, 2007

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

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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 # 15-125-31037-00-00
Oliver 15-27

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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WICHITA, KS



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OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION
Form ACO-1
September 1999
Form Must Be Typed

NOV 03 2006

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
WICHITA, KS

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

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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. _____

<u>7/7/2006</u>	<u>7/24/2006</u>	<u>9/7/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31032-00-00

County: Montgomery

_____ SW NE Sec. 27 Twp. 31 S. R. 14 East West

1980 feet from S / (circle one) Line of Section

1980 feet from (circle one) W Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Oliver Well #: 7-27

Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals

Elevation: Ground: 890 Kelly Bushing: _____

Total Depth: 1481 Plug Back Total Depth: 1477

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 1477

feet depth to Surface w/ 150 sx cmt.

Drilling Fluid Management Plan Airtight 8-13-08
(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: 11/2/2006

Subscribed and sworn to before me this 2 day of November

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

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

Operator Name: Layne Energy Operating, LLC Lease Name: Oliver Well #: 7-27
 Sec. 27 Twp. 31 S. R. 14 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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Pawnee Lime	887 GL	3
Excello Shale	1020 GL	-130
V Shale	1073 GL	-183
Mineral Coal	1117 GL	-227
Mississippian	1390 GL	-500

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	20'	Class A	4	Type 1 cement
Casing	6.75	4.5	10.5	1477'	Thick Set	150	

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		

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WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1167'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
10/13/2006	<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	58	55	

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) _____

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Operator Name: Layne Energy Operating, LLC.
Lease Name: Oliver 7-27
Sec. 27 Twp. 31S Rng. 14E, Montgomery County
API: 15-125-31032

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	1116.5-1120, 1072-1076.5, 1053.5-1058	Mineral, Bevier, Iron Post - 12200# 20/40 sand, 1250 gal 15% HCl acid, 676 bbls wtr	1053.5-1120
4	1019-1025, 999-1005	Mulky, Summit - 10500# 20/40 sand, 602 bbls wtr, 1200 gal 15% HCl acid	999-1025

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MORNING COMPLETION REPORT

Report Called in by: : John Ed

Report taken by:

KRD

LEASE NAME & #		AFE#	DATE	DAYS	CIBP	PBTD	
OLIVER #7-27		G01016200300	7/6/2006	1	DEPTH	TYPE FLUID	
PRESENT OPERATION:						WT	
DRILL OUT FROM UNDER SURFACE						VIS	
DEEPEST CASING	LINERS OD TOP & SHOE DEPTH	REPAIR DOWN TIME HRS		CONTRACTOR MOKAT			
OD SHOE DEPTH	8 5/8" 24# J-55 -- Set 20'	TEST PERFS		RIG NO			
PACKER OR ANCHOR	FISHING TOOLS OD ID	TO		SQUEEZED OR PLUG BACK PERFS			
		TO		TO			
		TO		TO			
		TO		TO			
		TO		TO			
HRS	BRIEF DESCRIPTION OF OPERATION						
	MIRU THORTON DRILLING, DRILLED 11" HOLE, 20' DEEP, RIH W/ 1 JT 8 5/8" SURFACE CASING,						
	MIXED 4 SXS TYPE 1 CEMENT, DUMPED DN THE BACKSIDE, SDFN.						

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WICHITA, KS

DAILY COST ANALYSIS

RIG	_____
SUPERVISION	200
RENTALS	_____
SERVICES	400
MISC	2280
DAILY TOTALS	2880

DETAILS OF RENTALS, SERVICES, & MISC

MOKAT DRILLING @ 6.50/ft	
MOKAT (CEMENT)	80
DIRTWORKS (LOC,RD, PIT)	400
SURFACE CASING	200
LAND/ LEGAL	2000

PREVIOUS TCTD

TCTD

2880

KANSAS CORPORATION COMMISSION

NOV 03 2006

TICKET NUMBER 10348

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

CONSERVATION DIVISION
 WICHITA, KS

LOCATION EUREKA
 FOREMAN KEVIN MCCOY

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-25-06	4758	OLIVER 7-27				116
CUSTOMER <u>Layne Energy</u>		Gus Jones Rq 1		TRUCK #		DRIVER
MAILING ADDRESS <u>P.O. Box 160</u>				445		RICK L.
CITY <u>Sycamore</u>		STATE <u>Ks</u>	ZIP CODE	479		Kyle

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1485 CASING SIZE & WEIGHT 4 1/2 10.5 # NEW
 CASING DEPTH 1477 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.2 # SLURRY VOL 47 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0
 DISPLACEMENT 23.5 Bbl DISPLACEMENT PSI 600 PSI 1100 Bump Plug RATE: _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. BREAK Circulation w/ 30 Bbl Fresh water. Pump 6 sks Gel Flush, 5 Bbl water spacer, 10 Bbl Metasilicate Pre Flush, 15 Bbl Dye water, mixed 150 sks Thick Set Cement w/ 10 # Kol-Seal per/sk @ 13.2 # per/gal, yield 1.75. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 23.5 Bbl Fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1100 PSI. wait 2 minutes. Release Pressure, Float Held. Good Cement Returns to Surface = 9 Bbl slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY of UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126 A	150 sks	THICK SET Cement	14.65	2197.50
1110 A	1500 #	KOL-SEAL 10 # per/sk	.36 #	540.00
1118 A	300 #	Gel Flush	.14 #	42.00
1111 A	50 #	Metasilicate Pre Flush	1.65 #	82.50
5407 A	8.25 tons	40 miles Bulk TRUCK	1.05	346.50
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
			Sub Total	4174.50
Thank You			5.3%	SALES TAX 153.81
			ESTIMATED TOTAL	4328.31

AUTHORIZATION Called By John Ed TITLE _____ DATE _____

301310

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NOV 03 2006

CONSERVATION DIVISION
WICHITA, KS

GEOLOGIC REPORT

LAYNE ENERGY
Oliver 7-27
SW NE, 1980 FNL, 1980 FEL
Section 27-T31S-R14E
Montgomery County, KS

Spud Date:	7/6/2006
Drilling Completed:	7/24/2006
Logged:	7/24/2006
A.P.I. #:	1512531032
Ground Elevation:	890'
Depth Driller:	1481'
Depth Logger:	1474'
Surface Casing:	8.625 inches at 20'
Production Casing:	4.5 inches at 1477'
Cemented Job:	Consolidated
Open Hole Logs:	Dual Induction SFL/GR, High Resolution Compensated Density/Neutron

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Formation	Tops (in feet below ground level)
Lansing Group	Surface (Rock Lake Shale Member)
Pawnee Limestone	887
Excello Shale	1,020
"V" Shale	1,073
Mineral Coal	1,117
Mississippian	1,390

Layne Energy, Inc.

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

11/02/08

November 2, 2006

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KANSAS CORPORATION COMMISSION
NOV 03 2006
CONSERVATION DIVISION
WICHITA, KS

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

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NOV 02 2006
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Re: Well Completion Form

To Whom It May Concern:

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

API # 15-125-31032
Oliver 7-27

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

