

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

8/30/09

Operator: License # 5278

Name: EOG Resources, Inc.

Address 3817 NW Expressway, Suite 500

City/State/Zip Oklahoma City, Oklahoma 73112

Purchaser: TEPPCO CRUDE OIL, LLC

Operator Contact Person: DAWN ROCKEL

Phone ( 405 ) 246-3226

Contractor: Name: ABERCROMBIE RTD, INC.

License: 30684

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/Reentry: 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. \_\_\_\_\_

5/3/07 5/14/07 6/8/07  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API NO. 15- 189-22585-0000

County STEVENS

SE - SE - SE Sec. 21 Twp. 31 S. R. 35  E  W

330 Feet from S/N (circle one) Line of Section

330 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one)  NE  SE  NW  SW

Lease Name LOLA Well # 21 #1

Field Name \_\_\_\_\_

Producing Formation CHESTER

Elevation: Ground 2998 Kelley Bushing 3010

Total Depth 6210 Plug Back Total Depth 6120

Amount of Surface Pipe Set and Cemented at 1698 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AKINS 4805  
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 1000 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

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 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.

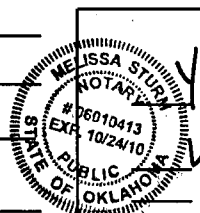
Signature Dawn Rockel

Title SR OPERATIONS ASSISTANT Date 8/30/07

Subscribed and sworn to before me this 30th day of August  
07

Notary Public Melissa Sturm

Date Commission Expires 10/24/2010



KCC Office Use **ON RECEIVED**  
KANSAS CORPORATION COMMISSION  
Letter of Confidentiality Attached  
If Denied, Yes  AUG 31 2007  
Wireline Log Received  
Geologist Report Received  
UIC Distribution  
OIL & GAS CONSERVATION DIVISION  
WICHITA, KS

Operator Name EOG RESOURCES, INC. Lease Name LOLA Well # 21 #1

Sec. 21 Twp. 31 S.R. 35  East  West County STEVENS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. 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 (Attach Additional Sheets.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  List All E.Logs Run: ARRAY RESISTIVITY, MICRO, DUAL SPACED NEUTRON, DUAL SPACED NEUTRON MICRO, ARRAY SONIC, <i>mudlog</i>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum  SEE ATTACHED
--	---

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	12 1/4	8 5/8	24#	1698'	MIDCON2 PP	300	SEE CMT TIX
					PP	180	
PRODUCTION	7 7/8	4 1/2	10.5#	6206	50/50POZ PP	115	SEE CMT TIX

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
4	5985' - 6000'	38580# 20/40 SD, 45097G 50% CO2	5985-6000
		GELLED DIESEL	

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>5972</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
<u>6/19/07</u>	<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
	<u>40</u>	<u>---</u>	<u>58</u>	<u>---</u> <u>44.0</u>

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_



# HALLIBURTON

CONFIDENTIAL

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2571888	Quote #:	Sales Order #: 5103549
Customer: EOG RESOURCES INC		Customer Rep: Passig, Dale	
Well Name: Lola	Well #: 21-1	API/WI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Stevens	State: Kansas
Contractor: ABERCROMBIE		Rig/Platform Name/Num: 88	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: BLAKEY, JOSEPH		Svc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARCHULETA, MIGUEL A	9.5	226381	BEASLEY, JEREMY W	9.5	299820	MCBRYDE, RUSSELL L	9.5	417235
OLIPHANT, CHESTER C	9.5	243055						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10288731	50 mile	10589601	50 mile	10704310	50 mile	10897879	50 mile
D0130	50 mile						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
<b>TOTAL</b>								
<i>Total is the sum of each column separately</i>								

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					13 - May - 2007	12:00	CST
Form Type			BHST	On Location	13 - May - 2007	15:00	CST
Job depth MD	6210. ft		Job Depth TVD	6210. ft	Job Started	13 - May - 2007	23:00
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	13 - May - 2007	23:45
Perforation Depth (MD) From			To		Departed Loc	14 - May - 2007	00:30
							CST

### Well Data

Description	New / Used	Max pressure psig	Size In	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Casing	New		4.5	4.052	10.5		J-55		6210.		
Production Hole				7.875				1700.	6210.		

Description	Qty	Qty uom	Depth	Supplier
CLR,FLT,4-1/2 8RD,9.5-13.5PPF,2-3/4	1	EA		
SHOE,FLT,4-1/2 8RD,2-3/4 SSI	1	EA		
CTRZR ASSY,TURBO,API,4 1/2 CSG X 7 7/8	17	EA		
CLAMP-LIMIT-4 1/2-FRICT-W/DOGS	1	EA		
PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 MA	1	EA		
HALLIBURTON WELD-A KIT	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Summit Version: 7.20.130

Monday, May 14, 2007 00:03:00

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FEB 26 2009

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

# Cementing Job Summary

Miscellaneous Materials											
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%	Treatment Fld	Conc	Inhibitor	Conc
Fluid Data											
Stage # 1											
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		
1	Lead Cement	POZ PREMIUM PLUS 50/50 - SBM (14239)	115.0	sacks	13.5	1.63	6.64		6.64		
	6 %	CAL-SEAL 80, BULK (100064022)									
	10 %	SALT, BULK (100003695)									
	6 lbm	GILSONITE, BULK (100003700)									
	0.6 %	HALAD(R)-344, 50 LB (100003670)									
	0.5 %	D-AIR 3000 (101007446)									
	6.638 Gal	FRESH WATER									
	0.1 %	WG-17, 50 LB SK (100003623)									
2	Displacement		90.00	bbl	.	.0	.0	.0			
	2 gal/Mgal	CLAYFIX II, HALTANK (100003729)									
	1 gal/Mgal	LOSURF-300M, TOTETANK (101438823)									
	1 gal/Mgal	CLA-STA(R) XP (100003733)									
3	Plug Rat And Mouse Holes	POZ PREMIUM PLUS 50/50 - SBM (14239)	25.0	sacks	13.5	1.63	6.64		6.64		
	6 %	CAL-SEAL 80, BULK (100064022)									
	10 %	SALT, BULK (100003695)									
	6 lbm	GILSONITE, BULK (100003700)									
	0.6 %	HALAD(R)-344, 50 LB (100003670)									
	0.5 %	D-AIR 3000 (101007446)									
	6.638 Gal	FRESH WATER									
	0.1 %	WG-17, 50 LB SK (100003623)									
Cementing Values											
Displacement	Shut In: Instant	Lost Returns	Cement Slurry	Pad							
Top Of Cement	5 Min	Cement Returns	Actual Displacement	Treatment							
Frac Gradient	15 Min	Spacers	Load and Breakdown	Total Job							
Job Data											
Circulating	Mixing	Displacement	Avg. Job								
Cement Left In Pipe	Amount	45.06 ft	Reason	Shoe Joint							
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID				
The Information Stated Herein Is Correct				Customer Representative Signature							
				<i>Dee Possy</i>							

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**HALLIBURTON**

**Cementing Job Log**

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2571666	Quote #:	Sales Order #: 5103549
Customer: EOG RESOURCES INC		Customer Rep: Passig, Dale	
Well Name: Lola	Well #: 21-1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Stevens	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: ABERCROMBIE		Rig/Platform Name/Num: 88	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: BLAKEY, JOSEPH		Srvc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055

Activity	Date	Time	1	2	3	4	5	6	7	8	9	10	11	12	Notes
End Job	05/13/2007	00:30													CHESTER AND CREW
Call Out	05/13/2007	11:30													
Safety Meeting	05/13/2007	13:00													
Arrive at Location from Service Center	05/13/2007	15:00													
Assessment Of Location Safety Meeting	05/13/2007	15:15													
Safety Meeting - Pre Rig-Up	05/13/2007	15:30													
Rig-Up Equipment	05/13/2007	15:45													
Wait on Customer or Customer Sub-Contractor Equip	05/13/2007	16:00													RIG LAYING DOWN DRILL PIPE / RUN 4 1/2 CASING AND FLOAT EQUIPMENT
Wait on Customer or Customer Sub-Contractor Equipm	05/13/2007	21:00													CASING SET ON BOTTOM @ FT / HOOK UP LINES TO MUD / CIRCULATE 2 HOURS
Safety Meeting - Pre Job	05/13/2007	23:00													SWITCH LINES TO HALLIBURTON
Start Job	05/13/2007	23:02													
Pump Cement	05/13/2007	23:03		2	7	0				20.0					25 SKS CEMENT TO PLUG RAT AND MOUSE HOLES
Test Lines	05/13/2007	23:12								3500.0					
Pump Cement	05/13/2007	23:14		6	34	7				300.0					115 SK 50/50 POZ @ 13.5 PPG

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WICHITA, KS

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cm	Rate bbl min	Volume bbl		Pressure psig		Comments
				Surf	Total	Testing	Casing	
Shutdown	05/13/2007 23:20				41		.0	FINISHED MIXING CEMENT
Clean Lines	05/13/2007 23:23							
Drop Top Plug	05/13/2007 23:29							HWE TOP PLUG
Pump Displacement	05/13/2007 23:30		5	98	0		90.0	FRESH WATER DISPLACEMENT WITH CLAY TREAT
Displ Reached Cmnt	05/13/2007 23:44		5		70		150.0	
Other	05/13/2007 23:49		2		90		500.0	SLOW RATE TO LAND PLUG
Bump Plug	05/13/2007 23:52				98		500.0	
Pressure Up	05/13/2007 23:53						1000. 0	TEST FLOATS
Release Casing Pressure	05/13/2007 23:54						.0	FLOAT HOLDING
Safety Meeting - Pre Rig- Down	05/13/2007 23:55							
Rig-Down Equipment	05/14/2007 00:00							THANK YOU FOR CALLING HALLIBURTON

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WICHITA, KS

Sold To #: 302122

Ship To #: 2571666

Quote #:

Sales Order #:

5103549

SUMMIT Version: 7.20.130

Monday, May 14, 2007 12:03:00

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**HALLIBURTON**

**Cementing Job Summary**

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2571686	Quote #:	Sales Order #: 5085901
Customer: EOG RESOURCES INC		Customer Rep: Passig, Dale	
Well Name: Lola	Well #: 21#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Stevens	State: Kansas
Contractor: ABERCROMBIE		Rig/Platform Name/Num: 8	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: BLAKEY, JOSEPH		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GRAVES, JEREMY L	10.5	399155	SMITH, BOBBY Wayne	10.5	106036	TORRES, CLEMENTE	8.0	344233
WOOD, JOHNNY Edward	8.0	326253						

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	04 - May - 2007	12:00	CST
Form Type			BHST	On Location	04 - May - 2007	14:00	CST
Job depth MD	1700. ft		Job Depth TVD	1700. ft	Job Started	04 - May - 2007	21:00
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	04 - May - 2007	22:37
Perforation Depth (MD)	From		To	Departed Loc	05 - May - 2007	00:30	CST

**Well Data**

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					1700.		
Surface Casing	Used		8.625	8.097	24.				1708.		

**Sales/Rentals Party (HES)**

Description	Qty	Qty uom	Depth	Supplier
SHOE,CSG,TIGER TOOTH,8 5/8 IN 8RD	1	EA		
CLR,FLT,TROPHY SEAL,8-5/8 8RD	1	EA		
AUTOFILL KIT,TROPHY SEAL	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	9	EA		
CLP,LIM,8 5/8,FRICT,WITH DOGS	2	EA		
HALLIBURTON WELD-A KIT	1	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		

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**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

**Miscellaneous Materials**

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	



# HALLIBURTON

# Cementing Job Summary

Fluid Data									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)	300.0	sacks	11.4	2.96	18.14		18.14
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	18.138 Gal	FRESH WATER							
2	Tail Cement	CMT - PREMIUM PLUS CEMENT (100012205)	180.0	sacks	14.8	1.34	6.32		6.32
	6.324 Gal	FRESH WATER							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
3	Displacement		0.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left in Pipe	Amount	45 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					
				<i>Dale Possig</i>					

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## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2571666	Quote #:	Sales Order #: 5085901
Customer: EOG RESOURCES INC		Customer Rep: Passig, Dale	
Well Name: Lola	Well #: 21#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Stevens	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: ABERCROMBIE		Rig/Platform Name/Num: 8	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: BLAKEY, JOSEPH		Srv Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Activity Description	Date/Time	Drill	Flow	Temp	Pressure	Remarks
Call Out	05/04/2007 12:00					
Safety Meeting - Service Center or other Site	05/04/2007 13:30					
Arrive at Location from Other Job or Site	05/04/2007 14:00					
Assessment Of Location Safety Meeting	05/04/2007 14:00					rig on bottom and circulating with drill pipe
Safety Meeting - Pre Rig-Up	05/04/2007 14:05					pump truck
Other	05/04/2007 15:30					rig pulling drill pipe
Other	05/04/2007 16:00					casing crew on location
Other	05/04/2007 16:30					bulk trucks on location
Safety Meeting - Pre Rig-Up	05/04/2007 16:36					bulk trucks
Other	05/04/2007 17:00					drill pipe out of the hole
Other	05/04/2007 18:00					Casing going in the hole. Float equipment started.
Other	05/04/2007 20:30					Casing on bottom. Rig down casing crew. rig circulating casing location
Safety Meeting	05/04/2007 20:50					
Start Job	05/04/2007 21:03					
Test Lines	05/04/2007 21:05					kick outs 2000
Pump Lead Cement	05/04/2007 21:09	6.5	158		150.0	300 sk 11.4 #
Pump Tail Cement	05/04/2007 21:32	5	43		150.0	180 sk 14.8 #

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Sold To #: 302122

Ship To #: 2571666

Quote #:

Sales Order #: 5085901

SUMMIT Version: 7.20.130

Friday, May 04, 2007 10:47:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cm #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	05/04/2007 21:42							
Pump Displacement	05/04/2007 21:43		6	0			75.0	water
Other	05/04/2007 22:01		1	85		550.0	450.0	stage in displacement
Bump Plug	05/04/2007 22:35		1	105.5		500.0	1000.0	
Check Floats	05/04/2007 22:36							float held
End Job	05/04/2007 22:37							
Safety Meeting - Pre Rig-Down	05/04/2007 22:40							
Safety Meeting - Departing Location	05/05/2007 00:30							
Depart Location for Service Center or Other Site	05/05/2007 00:30							Thank you for calling Halliburton. Bob Smith and crew.

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WICHITA, KS

Sold To #: 302122      Ship To #: 2571666      Quote #:      Sales Order #: 5085901

SUMMIT Version: 7.20.130

Friday, May 04, 2007 10:47:00

# HALLIBURTON

## ARRAY COMPENSATED RESISTIVITY LOG

COMPANY		EOG RESOURCES	
WELL	LOLA 21 #1	FIELD	CUTTER SOUTH
COUNTY	STEVENS	COUNTY	STEVENS
STATE	KANSAS	STATE	KANSAS
COMPANY		EOG RESOURCES	
WELL	LOLA 21 #1	FIELD	CUTTER SOUTH
COUNTY	STEVENS	COUNTY	STEVENS
STATE	KANSAS	STATE	KANSAS
API No. 15-189-22585		Other Services: SD/DSN MICROLOG ISAT	
Location 330' FSL & 330' FEL			
Sect. 21	Top. 31S	Rge. 36W	
Permanent Datum	GROUND LEVEL	Elev. 2008.0 ft	Elev.: K.B. 3010.0 ft
Log measured from	KELLY BUSHING	12.0 ft above perm. Datum	D.F. 3009.0 ft
Drilling measured from	KELLY BUSHING		G.L. 2888.0 ft
Date	12-May-07 18:10:00		
Run No.	1		
Depth - Driller	6210.0 ft		
Depth - Logger	6208.0 ft		
Bottom - Logged Interval	6199.0 ft		
Top - Logged Interval	1699.0 ft		
Casing - Driller	6.625 in @ 1699.0 ft		
Casing - Logger	1699.0 ft		
Bit Size	7.675 in		
Type Fluid in Hole	CHEM		
Density	Viscosity	9.0 ppg	48.00 cP
PH	Fluid Loss	10.50 pH	8 cpm
Source of Sample	FLOWLINE		
Rm @ Meas. Temperature	1.00 ohmm @ 80.00 degF		
Rmf @ Meas. Temperature	0.86 ohmm @ 80.00 degF		
Rmc @ Meas. Temperature	1.18 ohmm @ 80.00 degF		
Source Rmf	Rmc	CALC.	CALC.
Rm @ BHT	0.63 ohmm @ 132.0 degF		
Time Since Circulation	4.0 hr		
Time on Bottom	12-May-07 20:15:00		
Max. Rec. Temperature	132.0 degF @ 6208.0 ft		
Equipment	Location	10528378	LIBERAL
Recorded By	R. COOK		
Witnessed By	DALE PASSIG		

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 FEB 26 2009  
 CONSERVATION DIVISION  
 WICHITA, KS

Service Ticket No.: 5086817		API Serial No.: 15-189-22585		PGM Version: WL INSTE R1.8 (Build 6)	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE		RESISTIVITY SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth-Driller					
Type Fluid in Hole					
Density	Viscosity				
PH	Fluid Loss				
Source of Sample					
Rm @ Meas. Temp					
Rmf @ Meas. Temp.					
Rmc @ Meas. Temp.					
Source Rmf	Rmc				
Rm @ BHT					
Rmf @ BHT					
Rmc @ BHT					
RESISTIVITY EQUIPMENT DATA		Run No.	Tool Type	Tool Pos.	Other
		CNE	ACRT-501S863	1.5' S.O.	N/A
EQUIPMENT DATA		NEUTRON			
GAMMA		DENSITY			
Run No.	CNE	Run No.	Serial No.	Model No.	Strength
Serial No.	10035684	Run No.	Serial No.	Model No.	Strength
Model No.	GTET	Run No.	Serial No.	Model No.	Strength
Diameter	3.63"	Run No.	Serial No.	Model No.	Strength
Detector Model No.	T-102	Run No.	Serial No.	Model No.	Strength
Type	SCINT	Run No.	Serial No.	Model No.	Strength
Length	4"	Run No.	Serial No.	Model No.	Strength
Distance to Source	10'	Run No.	Serial No.	Model No.	Strength
LOGGING DATA		NEUTRON			

# HALLIBURTON

## SPECTRAL DENSITY DUAL SPACED NEUTRON MICROLOG

COMPANY WELL FIELD COUNTY STATE		EOG RESOURCES LOLA 21 #1 CUTTER SOUTH STEVENS KANSAS	
Permanent Datum		GROUND LEVEL	
Log measured from		KELLY BUSHING	
Drilling measured from		KELLY BUSHING	
Date		12-May-07 19:10:00	
Run No.		1	
Depth - Driller		6210.0 ft	
Depth - Logger		6208.0 ft	
Bottom - Logged Interval		6173.0 ft	
Top - Logged Interval		1699.0 ft	
Casing - Driller		8.625 in @ 1699.0 ft	
Casing - Logger		1699.0 ft	
Bit Size		7.875 in	
Type Fluid in Hole		CHEM	
Density	Viscosity	9.0 ppg	48.00 cP
PH	Fluid Loss	10.50 pH	8 cpm
Source of Sample		FLOWLINE	
Rm @ Meas. Temperature	1.00 ohmm @ 80.00 degF		
Rmf @ Meas. Temperature	0.85 ohmm @ 80.00 degF		
Rmc @ Meas. Temperature	1.16 ohmm @ 80.00 degF		
Source Rmf	Rmc	CALC.	CALC.
Rm @ BHT	0.63 ohmm @ 132.0 degF		
Time Since Circulation		4.0 hr	
Time on Bottom		12-May-07 20:15:00	
Max. Rec. Temperature		132.0 degF @ 6208.0 ft	
Equipment	Location	10526378	LIBERAL
Recorded By		R. COOK	
Witnessed By		DALE PASSIG	

CONFIDENTIAL  
 20070520  
 RECEIVED  
 OPERATIONS  
 12 MAY 2007 10:10 AM  
 10526378  
 LIBERAL  
 KANSAS

Service Ticket No.: 5099017		API Serial No.: 15-189-22585		PGM Version: WL INSTE R1.8 (Build 6)	
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE					
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth-Driller					
Type Fluid in Hole					
Density	Viscosity				
PH	Fluid Loss				
RESISTIVITY EQUIPMENT DATA					
Run @ Meas. Temp	Run No.	Tool Type & No.	Pad Type	Tool Pos.	Other
Rmf @ Meas. Temp	ONE	MICR-069M587	REG	ADJ	N/A
Rmc @ Meas. Temp					
Source Rmf	Rmc				
Rm @ BHT					
Rmf @ BHT					
Rmc @ BHT					
EQUIPMENT DATA					
GAMMA			DENSITY		
Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
ONE	ONE	ONE	ONE	ONE	ONE
Serial No.	Serial No.	Serial No.	Serial No.	Serial No.	Serial No.
10035894	10035894	10035894	10035894	10035894	10035894
Model No.	Model No.	Model No.	Model No.	Model No.	Model No.
GTE	GTE	SDLT-1	SDLT-1	DSNT-1	DSNT-1
Diameter	Diameter	Diameter	Diameter	Diameter	Diameter
3.63"	3.63"	4.75"	4.75"	3.63"	3.63"
Detector Model No.	Detector Model No.	Log Type	Log Type	Log Type	Log Type
T-102	T-102	GAM-GAM	GAM-GAM	NEU-NEU	NEU-NEU
Type	Type	Source Type	Source Type	Source Type	Source Type
SCNT	SCNT	CS137	CS137	AM241BE	AM241BE
Length	Length	Serial No.	Serial No.	Serial No.	Serial No.
4"	4"	6106GV	6106GV	369	369
Distance to Source	Distance to Source	Strength	Strength	Strength	Strength
10'	10'	1.5 CI	1.5 CI	18.5 CI	18.5 CI
LOGGING DATA					

Fold here

# HALLIBURTON

## ARRAY SONIC LOG

COMPANY <b>EOG RESOURCES</b>		COMPANY <b>EOG RESOURCES</b>	
WELL <b>LOLA 21 #1</b>		WELL <b>LOLA 21 #1</b>	
FIELD <b>CUTTER SOUTH</b>		FIELD <b>CUTTER SOUTH</b>	
COUNTY <b>STEVENS</b>		COUNTY <b>STEVENS</b>	
STATE <b>KANSAS</b>		STATE <b>KANSAS</b>	
API No. 15-189-22585		Other Services: SD/DSN MICROLOG ACRT	
Location 330' FSL & 330' FEL			
Secd. 21	Twp. 31S	Rge. 35W	
Permanent Datum	GROUND LEVEL	Elev. 2988.0 ft	Elev.: K.B. 3010.0 ft
Log measured from	KELLY BUSHING	12.0 ft above perm. Datum	D.F. 3009.0 ft
Drilling measured from	KELLY BUSHING		G.L. 2988.0 ft
Date	12-May-07 18:10:00		
Run No.	1		
Depth - Driller	6210.0 ft		
Depth - Logger	6208.0 ft		
Bottom - Logged Interval	6185.0 ft		
Top - Logged Interval	1698.0 ft		
Casing - Driller	8.625 in	⊕ 1698.0 ft	⊕
Casing - Logger	1698.0 ft		
Bit Size	7.875 in		
Type Fluid In Hole	CHEM		
Density	Viscosity	9.0 ppg	48.00 cP
PH	Fluid Loss	10.50 pH	8 cpm
Source of Sample	FLOWLINE		
Rm ⊕ Meas. Temperature	1.00 ohmm	⊕ 80.00 degF	⊕
Rmf ⊕ Meas. Temperature	0.85 ohmm	⊕ 80.00 degF	⊕
Rmc ⊕ Meas. Temperature	1.16 ohmm	⊕ 80.00 degF	⊕
Source Rmf	Rmc	CALC.	CALC.
Rm ⊕ BHT	0.63 ohmm	⊕ 132.0 degF	⊕
Time Since Circulation	4.0 hr		
Time on Bottom	12-May-07 20:15:00		
Max. Rec. Temperature	132.0 degF	⊕ 6208.0 ft	⊕
Equipment	Location	10528379	LIBERAL
Recorded By	R. COOK		
Witnessed By	DALE PASSIG		

RECEIVED  
 KANSAS SURFACE MINING  
 DIVISION  
 MAY 21 2008  
 15-189-22585  
 CONSERVATION DISTRICT  
 NORTH KANSAS

Service Ticket No.: 5086617		API Serial No.: 15-189-22585		PGM Version: WL IN SITE R1.8 (Build 6)			
CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE				RESISTIVITY SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole		
Type Fluid In Hole				RESISTIVITY EQUIPMENT DATA			
Density	Viscosity			Run No.	Tool Type	Tool Pos.	Other
PH	Fluid Loss			Total Type & No.	Pad Type		
Source of Sample							
Rm ⊕ Meas. Temp							
Rmf ⊕ Meas. Temp							
Rmc ⊕ Meas. Temp							
Source Rmf	Rmc						
Rm ⊕ BHT							
Rmf ⊕ BHT							
Rmc ⊕ BHT							
EQUIPMENT DATA				DENSITY			
GAMMA				NEUTRON			
Run No.	CNE	Run No.	CNE	Run No.	Run No.	Run No.	Run No.
Serial No.	10215684	Serial No.	10774688	Serial No.	Serial No.	Serial No.	Serial No.
Model No.	GTET	Model No.	ISAT	Model No.	Model No.	Model No.	Model No.
Diameter	3.63"	No. of Cent.	TWO	Diameter	Diameter	Diameter	Diameter
Detector Model No.	T-102	Spacing	1'	Log Type	Log Type	Log Type	Log Type
Type	SCINT	LSA [Y/N]	Y	Source Type	Source Type	Source Type	Source Type
Length	4'	FWDA [Y/N]	N	Serial No.	Serial No.	Serial No.	Serial No.
Distance to Source	10'			Strength	Strength	Strength	Strength

LOGGING DATA

# HALLIBURTON

## MICROLOG

<b>COMPANY</b>		<b>EOG RESOURCES</b>	
<b>WELL</b>	LOLA 21 #1	<b>WELL</b>	LOLA 21 #1
<b>FIELD</b>	CUTTER SOUTH	<b>FIELD</b>	CUTTER SOUTH
<b>COUNTY</b>	STEVENS	<b>COUNTY</b>	STEVENS
<b>STATE</b>	KANSAS	<b>STATE</b>	KANSAS
<b>API No.</b>		15-189-22585	
<b>Location</b>		330' FSL & 330' FEL	
<b>Seet</b>	21	<b>Tw. P.</b>	31S
<b>Rgn.</b>	35W	<b>Other Services:</b> SDL/DSN ACRT ISAT	
<b>Permanent Datum</b>		GROUND LEVEL Elev. 2998.0 ft	
<b>Log measured from</b>		KELLY BUSHING 12.0' above perm. Datum	
<b>Drilling measured from</b>		KELLY BUSHING	
<b>Date</b>	12-May-07 19:10:00		
<b>Run No.</b>	1		
<b>Depth - Driller</b>	6210.0 ft		
<b>Depth - Logger</b>	6208.0 ft		
<b>Bottom - Logged interval</b>	6173.0 ft		
<b>Top - Logged interval</b>	1699.0 ft		
<b>Casing - Driller</b>	8.825 in @ 1699.0 ft		
<b>Casing - Logger</b>	1699.0 ft		
<b>Bit Size</b>	7.875 in		
<b>Type Fluid in Hole</b>		CHEM	
<b>Density</b>	<b>Viscosity</b>	9.0 ppg	48.00 s/g
<b>PH</b>	<b>Fluid Loss</b>	10.50 pH	6 cpm
<b>Source of Sample</b>		FLOWLINE	
<b>Rm @ Meas. Temperature</b>	1.00 ohmm @ 80.00 degF		
<b>Rmf @ Meas. Temperature</b>	0.85 ohmm @ 80.00 degF		
<b>Rmc @ Meas. Temperature</b>	1.16 ohmm @ 80.00 degF		
<b>Source Rmf</b>	<b>Rmc</b>	CALC.	CALC.
<b>Rm @ BHT</b>	0.63 ohmm @ 132.0 degF		
<b>Time Since Circulation</b>		4.0 hr	
<b>Time on Bottom</b>		12-May-07 20:15:00	
<b>Max. Rec. Temperature</b>		132.0 degF @ 6208.0 ft	
<b>Equipment</b>	<b>Location</b>	10526379	LIBERAL
<b>Recorded By</b>	R. COOK		
<b>Witnessed By</b>	DALE PASSIG		

CONFIDENTIAL

RECEIVED  
OPERATIONS DIVISION  
FEB 2 2008  
MICHIGAN

<b>Service Ticket No.:</b> 5086617		<b>API Serial No.:</b> 15-189-22585		<b>PGM Version:</b> V4. INSTE R1.8 (Build 6)	
<b>CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE</b>					
<b>Date</b>	<b>Sample No.</b>	<b>Type Log</b>	<b>Depth</b>	<b>Scale Up Hole</b>	<b>Scale Down Hole</b>
<b>Depth-Driller</b>					
<b>Type Fluid in Hole</b>					
<b>Density</b>	<b>Viscosity</b>				
<b>Fh</b>	<b>Fluid Loss</b>				
<b>Source of Sample</b>					
<b>Rm @ Meas. Temp</b>					
<b>Rmf @ Meas. Temp.</b>					
<b>Rmc @ Meas. Temp.</b>					
<b>Source Rmf</b>	<b>Rmc</b>				
<b>Rm @ BHT</b>					
<b>Rmf @ BHT</b>					
<b>Rmc @ BHT</b>					
<b>EQUIPMENT DATA</b>					
<b>GAMMA</b>			<b>DENSITY</b>		
<b>Run No.</b>	<b>Run No.</b>	<b>Run No.</b>	<b>Run No.</b>	<b>Run No.</b>	<b>Run No.</b>
ONE	ONE	ONE	ONE	ONE	NEUTRON
<b>Serial No.</b>	<b>Serial No.</b>	<b>Serial No.</b>	<b>Serial No.</b>	<b>Serial No.</b>	<b>Serial No.</b>
10905684	10905684	10905684	10905684	10905684	10905684
<b>Model No.</b>	<b>Model No.</b>	<b>Model No.</b>	<b>Model No.</b>	<b>Model No.</b>	<b>Model No.</b>
GTET	GTET	GTET	GTET	GTET	GTET
<b>Diameter</b>	<b>No. of Cent.</b>	<b>Spacing</b>	<b>Log Type</b>	<b>Source Type</b>	<b>Source Type</b>
3.63"	1-102	SCNT	Log Type	Source Type	Source Type
<b>Detector Model No.</b>	<b>LSA [Y/N]</b>	<b>FWDA [Y/N]</b>	<b>Serial No.</b>	<b>Strength</b>	<b>Strength</b>
	4"	10'			
<b>Length</b>	<b>LOGGING DATA</b>				
<b>Distance to Source</b>					

# HALLIBURTON

## SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

EOG RESOURCES		WELL LOLA 21 #1		CUTTER SOUTH		STEVENS		KANSAS	
COMPANY		EOG RESOURCES							
WELL	LOLA 21 #1		WELL		LOLA 21 #1				
FIELD	CUTTER SOUTH		FIELD		CUTTER SOUTH				
COUNTY	STEVENS		COUNTY		STEVENS				
STATE	KANSAS		STATE		KANSAS				
Permanent Datum			GROUND LEVEL			Elev. 2898.0 ft			
Log measured from			KELLY BUSHING			Elev.: K.B. 3010.0 ft			
Drilling measured from			KELLY BUSHING			D.F. 3009.0 ft			
						G.L. 2898.0 ft			
Date		12-May-07 19:10:00							
Run No.		1							
Depth - Driller		6210.0 ft							
Depth - Logger		6208.0 ft							
Bottom - Logged Interval		6273.0 ft							
Top - Logged Interval		1699.0 ft							
Casing - Driller		8.625 in		② 1699.0 ft		②			
Casing - Logger		1699.0 ft							
Bit Size		7.875 in							
Type Fluid in Hole		CHEM							
Density	Viscosity	9.0 ppg		48.00 cSt					
PH	Fluid Loss	10.50 pH		8 cpm					
Source of Sample		FLOWLINE							
Rm ② Meas. Temperature		1.00 ohmm		② 80.00 degF		②			
Rmf ② Meas. Temperature		0.85 ohmm		② 80.00 degF		②			
Rmc ② Meas. Temperature		1.16 ohmm		② 80.00 degF		②			
Source Rmf	Rmc	CALC.		CALC.					
Rm ② BHT		0.83 ohmm		② 132.0 degF		②			
Time Since Circulation		4.0 hr							
Time on Bottom		12-May-07 20:15:00							
Max. Rec. Temperature		132.0 degF		② 6208.0 ft		②			
Equipment	Location	10526379		LIBERAL					
Recorded By		R. COOK							
Witnessed By		DALE PASSIG							

CONFIDENTIAL

KANSAS CORRELATION CENTER  
FEB 7 2008  
KANSAS CORRELATION CENTER  
CONFIDENTIAL

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLE																														
Date	Sample No.	RESISTIVITY SCALE CHANGES						RESISTIVITY EQUIPMENT DATA																						
		Scale Up Hole			Scale Down Hole			Tool Type & No.			Tool Pos.																			
		Type Log	Depth	Scale Up Hole	Type Log	Depth	Scale Down Hole	Run No.	Tool Type	Tool No.	Run No.	Tool Type	Tool No.																	
EQUIPMENT DATA																														
GAMMA						ACOUSTIC						DENSITY						NEUTRON												
Run No.	Serial No.	Model No.	Diameter	Detector Model No.	Type	Length	Distance to Source	Run No.	Serial No.	Model No.	No. of Cent.	Spacing	LSA [Y/N]	FWDA [Y/N]	Run No.	Serial No.	Model No.	Diameter	Log Type	Source Type	Serial No.	Strength	Run No.	Serial No.	Model No.	Diameter	Log Type	Source Type	Serial No.	Strength
ONE	10835684	GTET	3.63"	T-102	SCINT	4"	10'	ONE	1085M567P424	SDLT-1	4.75"	GAM-GAM	CS137	5109GW	ONE	10832865	DSMT-1	3.63"	NEU-NEU	AM241BE	368	19.5 CI	ONE	10832865	DSMT-1	3.63"	NEU-NEU	AM241BE	368	19.5 CI

Field Use

LOGGING DATA

PGM Version: WL INSTE R1.B (Build 6)

API Serial No.: 15-189-22585

Service Ticket No.: 5086617