

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

7/23/11

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5278  
Name: EOG Resources, Inc.  
Address 1: 3817 NW Expressway, Suite 500  
Address 2: \_\_\_\_\_  
City: Oklahoma City State: OK Zip: 73112 + 1483  
Contact Person: Sheila Rogers  
Phone: ( 405 ) 246-3236

API No. 15 - 067-21689-00-00  
Spot Description: \_\_\_\_\_  
E2 NW NW NW Sec. 16 Twp. 30 S. R. 38  East  West  
330' Feet from  North /  South Line of Section  
530' Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

CONTRACTOR: License # 34000 **KANSAS CORPORATION COMMISSION**  
Name: Kenai Mid-Continent, Inc.  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: N/A

County: Grant  
Lease Name: Klepper Trust Well #: 16 #1  
Field Name: Wildcat  
Producing Formation: N/A

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

Elevation: Ground: 3127' Kelly Bushing: 3138'  
Total Depth: 6000' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at: 1634 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
Yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_

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If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
5/30/09 6/4/09 P&A 6/6/09  
Spud Date or Date Reached TD Completion Date or Recompletion Date

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 4,000 ppm Fluid volume: 1,000 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

AKI-Dlg-24/09

**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: Sheila Rogers  
Title: Drilling Engineering Tech Date: 07/23/09  
Subscribed and sworn to before me this 23rd day of July, 2009.  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 8/5



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

Operator Name: EOG Resources, Inc. Lease Name: Klepper Trust Well #: 16 #1  
 Sec. 16 Twp. 30 S. R. 38  East  West County: Grant

**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 checked="" type="checkbox"/> Yes <input 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: Spectral Density Dual Spaced Neutron Microlog, Spectral Density Dual Spaced Neutron Log, Array Compensated Resistivity Log, Microlog, Borehole Sonic Array Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  See Attached
--	--

CASING RECORD <input 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	12-1/4"	8-5/8"	24#	1634'	Midcon-2 PP	300	See Attached
					Prem Plus	180	See Attached

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	N/A			

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
	N/A		

TUBING RECORD: Size: <u>N/A</u> Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>Dry, plugged and abandoned 6/6/09</u>		Producing Method: <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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>Dry, P&amp;A 6/6/09</u>	PRODUCTION INTERVAL: _____ _____
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**ACO-1 Completion Report**

Well Name : **KLEPPER TRUST 16 # 1**

<b>FORMATION</b>	<b>TOP</b>	<b>DATUM</b>
CHASE	2395	744
COUNCIL GROVE	2680	459
WABAUNSEE	3100	39
BASE OF HEEBNER	3896	-757
LANSING	3990	-851
CHEROKEE	4800	-1661
MORROW	5320	-2181
ST GENEVIEVE	5730	-2591
ST LOUIS	5852	-2713

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EOG Resources, Inc.  
3817 NW Expressway  
Suite 500  
Oklahoma City, OK 73112-1483  
(405) 246-3100

July 23, 2009

Kansas Corporation Commission  
Conservation Division  
Finney State Office Building  
130 S. Market, Room 2078  
Wichita, KS 67202-3802

Re: Electric Logs & All Applicable Information  
Klepper Trust 16 #1  
API No. 15-067-21689-00-00

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Dear Sir or Madam:

EOG Resources, Inc. respectfully requests that all electric logs, test data, and applicable information pertaining to the above referenced well are held confidential for the 2-year maximum time period allowed by the Kansas Corporation Commission.

If additional information is required, please contact me directly at (405) 246-3236.

Sincerely,

A handwritten signature in cursive script that reads "Sheila Rogers".

Sheila Rogers  
Drilling Engineering Technician

Enclosures

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2728864	Quote #:	Sales Order #: 6702083
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Passig, Dale	
Well Name: KLEPPER TRUST		Well #: 16 #1	API/UWI #: <b>KCC</b>
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas <b>JUL 23 2009</b>
Contractor:		Rig/Platform Name/Num: 55 #580-461-0844	
Job Purpose: Cement Surface Casing <b>CONFIDENTIAL</b>			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: BLAKEY, JOSEPH		Srvc Supervisor: SALAZAR, JERRY	MBU ID Emp #: 270722

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DRAA, JOSEPH Michael		429860	NALL, CHAD Alan		426530	SALAZAR, JERRY Edward		270722
SMITH, JAMES A		312538						

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10717477	50 mile	10924986	50 mile	10990703	50 mile	10995007	50 mile
10995019	50 mile	11005800	50 mile	11006594	50 mile		

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
5-31-09	9	2						

TOTAL Total is the sum of each column separately

**Job**

**Job Times**

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out	31 - May - 2009	06:50 CST
Form Type BHST	On Location	31 - May - 2009	12:30 CST
Job depth MD 1700. ft Job Depth TVD 1700. ft	Job Started	31 - May - 2009	19:20 CST
Water Depth Wk Ht Above Floor 5. ft	Job Completed	31 - May - 2009	20:55 CST
Perforation Depth (MD) From To	Departed Loc	31 - May - 2009	22:45 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	Unknown		8.625	8.097	24.				1650.		

**Sales/Rental/3<sup>rd</sup> Party (HES)**

Description	Qty	Qty uom	Depth	Supplier
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	9	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		
KIT, HALL WELD-A	1	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	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			

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Miscellaneous Materials												
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty
Fluid Data												
Stage/Plug #: 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	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	
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)										
	6.324 Gal	FRESH WATER										
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
3	Displacement				101.00	bbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes						
Displacement	98	Shut In: Instant			Lost Returns		0	Cement Slurry		Pad		
Top Of Cement	Surface	5 Min			Cement Returns		100bbl	Actual Displacement		Treatment		
Frac Gradient		15 Min			Spacers		0	Load and Breakdown		Total Job		
Rates												
Circulating	6	Mixing			6	Displacement		8	Avg. Job		6	
Cement Left In Pipe	Amount	44.15 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								

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The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2728864	Quote #:	Sales Order #: 6702083
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Passig, Dale	
Well Name: KLEPPER TRUST	Well #: 16 #1	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas <b>KCC</b>
Legal Description:			
Lat:		Long:	
Contractor:	Rig/Platform Name/Num: 55 #580-461-0844		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: BLAKEY, JOSEPH	Srvc Supervisor: SALAZAR, JERRY	MBU ID Emp #: 270722	

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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/31/2009 06:45							Told on location @ 1230 hrs.
Pre-Convoy Safety Meeting	05/31/2009 08:00							What directions to take; watch for other drivers; drive with lights on
Arrive At Loc	05/31/2009 12:30							Rig crew coming out with DP
Assessment Of Location Safety Meeting	05/31/2009 12:35							Where to spot trucks; get water; rig up
Pre-Rig Up Safety Meeting	05/31/2009 12:40							Watch for pinch points; tripping hazards; overhead objects
Wait on Customer or Customer Sub-Contractor Equip	05/31/2009 12:45							Rig coming out with DP slowly.
Other	05/31/2009 12:45							Talk to Co. man. TP 1637.52. SJ 44.15. Disp. 101.3. NO Spacer.
Pre-Job Safety Meeting	05/31/2009 13:00							If you see any leaks do not hit on our iron; where to meet if something happens; anyone ca shut down the job
Other	05/31/2009 17:00							Casing crew started casing.
Wait on Customer or Customer Sub-Contractor Equipm	05/31/2009 19:00							Done running casing; ready for Halliburton to stab head
Test Lines	05/31/2009 19:25						3000.0	No leaks
Pump Lead Cement	05/31/2009 19:26		6	158			130.0	Mix @ 11.4 #s
Pump Tail Cement	05/31/2009 19:59		5	43			250.0	Mix @ 14.8 #s

Sold To #: 348223      Ship To #: 2728864      Quote #:      Sales Order #: 6702083  
 SUMMIT Version: 7.20.130      Sunday, May 31, 2009 09:27:00

**Cementing Job Log**

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Top Plug	05/31/2009 20:11							Plug Went
Pump Displacement	05/31/2009 20:12		9	80			550.0	Fresh water
Pump Displacement	05/31/2009 20:23		2	85			450.0	Fresh water. wait 5 mins. Pump 5 bbls more
Pump Displacement	05/31/2009 20:26		2	90			425.0	Fresh water. wait 5 mins. Pump 5 bbls more
Pump Displacement	05/31/2009 20:31		2	95			520.0	Fresh water. wait 5 mins. Pump 5 bbls more watching pressure
Pump Displacement	05/31/2009 20:42		2	98			500.0	Fresh water. wait 5 mins. Pump 5 bbls more watching pressure
Bump Plug	05/31/2009 20:48		2	98			480.0	Went 500#s over
Check Floats	05/31/2009 20:51							Floats held; got 1 bbls back
Pre-Rig Down Safety Meeting	05/31/2009 21:00							Watch for pinch points; tripping hazards; overhead objects
Pre-Convoy Safety Meeting	05/31/2009 22:00							What directions to take; watch for other drivers; drive with lights on
Other	05/31/2009 22:20							Thanks for using Halliburton; Jerry & Crew
Crew Leave Location	05/31/2009 22:45							

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Sold To #: 348223

Ship To #: 2728864

Quote #:

Sales Order #:

6702083

SUMMIT Version: 7.20.130

Sunday, May 31, 2009 09:27:00