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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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FEB 26 2010

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM KCC WICHITA  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

1/20/12

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

CONTRACTOR: License # 34000

Name: Kenai Mid-Continent, Inc.

Wellsite Geologist: \_\_\_\_\_

Purchaser: N/A

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     SWD     SIOW
- Gas     ENHR     SIGW
- CM (Coal Bed Methane)     Temp. Abd.
- 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.     Conv. to SWD

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled    Docket No.: \_\_\_\_\_

Dual Completion    Docket No.: \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No.: \_\_\_\_\_

12/12/09    12/29/09    P&A 12/31/09

Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

API No. 15 - 129-21888-00-00

Spot Description: \_\_\_\_\_

NW SW SE NW Sec. 16 Twp. 34 S. R. 39  East  West

2055 Feet from  North /  South Line of Section

1570 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Morton

Lease Name: EF Well #: 16 #1A

Field Name: Wildcat

Producing Formation: N/A

Elevation: Ground: 3320' Kelly Bushing: 3331'

Total Depth: 6804' Plug Back Total Depth: N/A

Amount of Surface Pipe Set and Cemented at: 2015 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 PA 153-800  
(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.: \_\_\_\_\_

**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

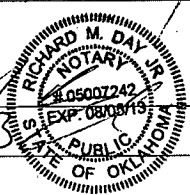
Title: Drilling Engineering Tech Date: 2/24/10

Subscribed and sworn to before me this 25<sup>th</sup> day of February

20 10

Notary Public: \_\_\_\_\_

Date Commission Expires: 8/5/15



**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: EF Well #: 16 #1A  
 Sec. 16 Twp. 34 S. R. 39  East  West County: Morton

**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: Borehole Sonic Array Quality Log, Spectral Density Dual Spaced Neutron Log, Annular Hole Volume Plot, Array Compensated Resistivity Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  See Attached  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">                     RECEIVED                      FEB 26 2010                      KCC WICHITA                 </div>
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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	17-1/2"	13-3/8"	48#	1296'			See Attached
Intermediate	12-1/4"	8-5/8"	24#	1618'			See Attached
	7.875"	7"	23#	2015'			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		

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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. _____		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 12/31/09</u>	PRODUCTION INTERVAL: _____ _____
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**ACO-1 Completion Report**Well Name : **EF 16 #1A**

<b>FORMATION</b>	<b>TOP</b>	<b>DATUM</b>
CHASE	2600	731
COUNCIL GROVE	2904	427
NEVA	3120	211
WABAUNSEE	3356	-25
BASE OF HEEBNER	4186	-855
MARMATON	4920	-1589
ATOKA	5692	-2361
MORROW	5831	-2500
CHESTER	6347	-3016
ST GENEVIEVE	6533	-3202
ST LOUIS	6646	-3315

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HALLIBURTON

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Cementing Job Summary  
KCC WICHITA

1 The Road to Excellence Starts with Safety

Sold To #: 348223		Ship To #: 2758326		Quote #:		Sales Order #: 7084358	
Customer: EOG RESOURCES INC EBUSINESS				Customer Rep: Heiskell, Preston			
Well Name: Elkhart Forest			Well #: 16-1A		API/UWI #:		
Field:		City (SAP): ROLLA		County/Parish: Morton		State: Kansas	
Contractor: Kenai		Rig/Platform Name/Num: 55					
Job Purpose: Cement Intermediate Casing							
Well Type: Development Well				Job Type: Cement Intermediate Casing			
Sales Person: BLAKEY, JOSEPH			Srcv Supervisor: SALAZAR, JERRY		MBU ID Emp #: 270722		
Job Personnel							
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #
CARRILLO, EDUARDO		16.75	371263	SALAZAR, JERRY Edward		16.75	270722
SMITH, BOBBY Wayne		16.75	106036	WILTSHIRE, MERSHEK Tonje		10.5	195811
SCHROEDER, ALBERT Don		6.75	105824				
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10717477	50 mile	11133700	50 mile	11138994	50 mile	11149169	50 mile
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
TOTAL		Total is the sum of each column separately					
Job				Job Times			
Formation Name		Formation Depth (MD)		Top	Bottom	Called Out	Date
						23 - Dec - 2009	09:00
Form Type		BHST				On Location	23 - Dec - 2009
Job depth MD		1700. ft		Job Depth TVD		2000. ft	07:14
Water Depth		Wk Ht Above Floor		30. ft		Job Started	24 - Dec - 2009
Perforation Depth (MD)		From		To		Job Completed	23 - Dec - 2009
						Departed Loc	23 - Dec - 2009
							10:30
							CST
Well Data							
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade
Intermediate Open Hole				7.875			1622.
7" Casing	Unknown		7.	6.366	23.		2000.
Surface Casing	Unknown		8.625	8.097	24.		1622.
Sales/Rental/3 <sup>rd</sup> Party (HES)							
Description		Qty	Qty uom	Depth	Supplier		
CLR,FLT,7 8RD 17-26PPF,2-3/4SSII		1	EA				
SHOE,FLT,7 8RD,P-110/Q-125,2-3/4		1	EA				
PLUG,CMTG,TOP,7,HWE,5.66 MIN/6.54 MAX CS		1	EA				
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
					Top Plug		
					Bottom Plug		
					SSR plug set		
					Plug Container		
					Centralizers		
Miscellaneous Materials							
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

# Cementing Job Summary

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	Water Spacer		5.00	bbl		.0	.0	.0	
2	Standard Cement	CMT - STANDARD CEMENT (100003684)	150.0	sacks	15.6	1.18	5.2		5.2
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	0.3 %	CFR-3, W/O DEFOAMER, 50 LB SK (100003653)							
	5.202 Gal	FRESH WATER							
3	Displacement		77.00	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	43.47 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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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2758326	Quote #:	Sales Order #: 7084358
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Heiskell, Preston	
Well Name: Elkhart Forest	Well #: 16-1A	API/UWI #:	
Field:	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Kenai		Rig/Platform Name/Num: 55	
Job Purpose: Cement Intermediate Casing		Ticket Amount:	
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: BLAKEY, JOSEPH		Srvc Supervisor: SALAZAR, JERRY	
		MBU ID Emp #: 270722	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/23/2009 09:00							Be on location asap
Pre-Convoy Safety Meeting	12/23/2009 11:00							What directions to take; watch for other drivers; drive with lights on
Arrive At Loc	12/23/2009 17:45							Unloading casing and pipe. Rig coming out of hole going to make wiper trips.
Assessment Of Location Safety Meeting	12/23/2009 18:00							Had to wait to spot trucks. Where to spot trucks; get water; rig up
Wait on Customer or Customer Sub-Contractor Equip	12/23/2009 18:01							Making wiper trips.
Pre-Rig Up Safety Meeting	12/23/2009 22:00							Watch for pinch points; tripping hazards; overhead objects
Other	12/24/2009 01:30							Started casing
Wait on Customer or Customer Sub-Contractor Equipm	12/24/2009 03:00							Done running casing; ready for Halliburton to stab head
Pre-Job Safety Meeting	12/24/2009 07:10							If you see any leaks do not hit on our iron; where to meet if something happens; anyone can shut down the job
Test Lines	12/24/2009 07:47						3000.0	No leaks
Pump Spacer 1	12/24/2009 07:53		3	5			120.0	Water
Pump Cement	12/24/2009 08:14		3	31.5			110.0	Mix @ 15.6 #s
Drop Top Plug	12/24/2009 08:30		3		36.5			Plug went

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HALLIBURTON

# Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments	
				Stage	Total	Tubing	Casing		
Pump Displacement	12/24/2009 08:32		3	79			130.0	Fresh water	
Bump Plug	12/24/2009 08:58		3		79			720.0	Went 500#s over
Check Floats	12/24/2009 09:00								Floats held; got 0.5 bbls back
Pre-Rig Down Safety Meeting	12/24/2009 09:03								Watch for pinch points; tripping hazards; overhead objects
Pre-Convoy Safety Meeting	12/24/2009 10:00								What directions to take; watch for other drivers; drive with lights on
Other	12/24/2009 10:05								Thanks for using Halliburton; Jerry & Crew
Crew Leave Location	12/24/2009 10:15								

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Sold To #: 348223

Ship To #: 2758326

Quote #:

Sales Order #:

7084358

SUMMIT Version: 7.20.130

Thursday, December 24, 2009 09:41:00

HALLIBURTON

KCC WICHITA  
Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2758326	Quote #:	Sales Order #: 7065511
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Heiskell, Preston	
Well Name: Elkhart Forest	Well #: 16-1A	API/UWI #:	
Field:	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Contractor: Kenai	Rig/Platform Name/Num: 55		
Job Purpose: Cement Conductor Casing			
Well Type: Development Well		Job Type: Cement Conductor Casing	
Sales Person: BLAKEY, JOSEPH		Srvc Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	16.0	371263	COOK, TOMMY L	16.0	279568	DEETZ, DONALD E	16.0	389855
DELGADO, GERARDO	16.0	438393	JIMENEZ, JESSIE M	16.0	221813	VILLANUEVA, EDUARDO	16.0	341956

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
12/14/09	3	0	12/15/09	13	6			
TOTAL			Total is the sum of each column separately					

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Wk Ht Above Floor	Perforation Depth (MD) From	To	Called Out	Date	Time	Time Zone
	1299. ft		BHST	1299. ft	1299. ft		3. ft			14 - Dec - 2009	18:00	CST	
										14 - Dec - 2009	21:45	CST	
										15 - Dec - 2009	09:15	CST	
										15 - Dec - 2009	12:10	CST	
										15 - Dec - 2009	13:00	CST	

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				17.5					1300.		
Surface Casing	Unknown		13.375	12.715	48.				1300.		

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

Description	Qty	Qty uom	Depth	Supplier
V ASSY, INSR FLOAT, 13 3/8, 8RD	1	EA		
FILLUP ASSY - 1.500 ID - 9-5/8 &	1	EA		
SHOE, CSG, TIGER TOOTH, 13-3/8 8RD	1	EA		
CENTRALIZER-13 3/8"-CSG-17 1/2"-HINGED	10	EA		
CLAMP, LIMIT, 13 3/8, FRICTION, W/DOGS	2	EA		
BASKET - CEMENT - 13-3/8 CSG X 17-1/2	1	EA		
KIT, HALL WELD-A	2	EA		
PLUG, CMTG, TOP, 13 3/8, HW, 11.79 MIN/12.72	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	13 3/8	1	h	1296	Packer					Top Plug	13 3/8	1	h
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	13 3/8	1	h	1258						Plug Container	13 3/8	1	h
Stage Tool										Centralizers	13 3/8	10	h



# Cementing Job Summary

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	Mid-con II Standard	MIDCON-2 CEMENT STANDARD - SBM (15078)			650.0	sacks	11.4	2.96	18.14		18.14	
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.1 %	WG-17, 50 LB SK (100003623)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
	18.138 Gal	FRESH WATER										
2	Standard Cement	CMT - STANDARD CEMENT (100003684)			320.0	sacks	15.6	1.2	5.22		5.22	
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)										
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
	5.218 Gal	FRESH WATER										
3	Displacement			197.00	bbl	8.33	.0	.0	.0			
Calculated Values			Pressures			Volumes						
Displacement	197	Shut In: Instant		Lost Returns	0	Cement Slurry	410	Pad				
Top Of Cement	surface	5 Min		Cement Returns	239	Actual Displacement	197	Treatment				
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	607			
Rates												
Circulating	6	Mixing	8	Displacement	6.5	Avg. Job	6					
Cement Left In Pipe	Amount	43.47 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								

**KCC**  
**JAN 20 2010**  
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# Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2758326	Quote #:	Sales Order #: 7065511
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Heiskell, Preston	
Well Name: Elkhart Forest	Well #: 16-1A	API/UWI #:	
Field:	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
<b>Legal Description:</b>			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Kenai	Rig/Platform Name/Num: 55		
Job Purpose: Cement Conductor Casing	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Conductor Casing		
Sales Person: BLAKEY, JOSEPH	Srvc Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/14/2009 18:00							only got 3.5 hr call out to rolla ks from pampa tx
Pre-Convoy Safety Meeting	12/14/2009 18:30							Discuss Route to take and Hazards on the road
Arrive At Loc	12/14/2009 21:45							rig was just starting to run casing talked to comp rep he told me there was alot of lcn 22 # so didnt load plug till done circulating
Assessment Of Location Safety Meeting	12/14/2009 21:50							very small location had to wait till rig crew was done and rigged down and off location
Other	12/14/2009 23:30							rig stoped running casing messed up 1 joint with casing tools ordered more to come out
Other	12/15/2009 06:30							still running casing got 5 joints left
Other	12/15/2009 06:45							woke up all drivers got ready waiting on pipe racks to be moved
Pre-Rig Up Safety Meeting	12/15/2009 08:15							held top out cement off location location to small to bring on
Pre-Job Safety Meeting	12/15/2009 08:45							discussed pressures and volumes
Other	12/15/2009 08:55							after safety meeting loaded plug ran job
Rig-Up Completed	12/15/2009 09:00							
Start Job	12/15/2009 09:15							

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Sold To #: 348223

Ship To #: 2758326

Quote #:

Sales Order #:

7065511

SUMMIT Version: 7.20.130

Tuesday, December 15, 2009 01:07:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	12/15/2009 09:16							4000 psi found truck had a ice block in the down joint heated up and pumped at 2bbl a min
Other	12/15/2009 09:40							found manifold on head leaking between valves tried to tighten didnt work pulled off manifold put on 2 valves
Pump Lead Cement	12/15/2009 10:02		7	342			100.0	650 sks @ 11.4
Pump Tail Cement	12/15/2009 10:47		7	68	410		150.0	320 sks @ 15.6
Shutdown	12/15/2009 11:00							moved lines from bottom valve to top valve dropped plug
Drop Top Plug	12/15/2009 11:03							
Bump Plug	12/15/2009 11:04							bumped plug @ 350 took to 850 held 5 min
Pump Displacement	12/15/2009 11:04		8	197	607		300.0	fresh water staged in last 20
Check Floats	12/15/2009 11:09							ok got 2 bbl back
End Job	12/15/2009 11:10							thanks for calling halliburton and crew tyed to down load chart would not communicate with pin drive
Pre-Rig Down Safety Meeting	12/15/2009 11:15							Discuss Pinchpoint and Tripping Hazards
Slow Rate	12/15/2009 11:45							last 20 bbl staged @ 1 bbl a min held 5 min pump 5 bbl
Rig-Down Completed	12/15/2009 12:15							
Crew Leave Location	12/15/2009 13:00							
Other	12/15/2009 13:04							had two water trucks on location pulled off first truck swithed to rig water tanks wouldnt equalize sucked first tank dry went to 2nd truck moved water lines to 2nd tank finished job
Casing on Bottom	12/15/2009 23:23							

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Sold To #: 348223

Ship To #: 2758326

Quote #:

Sales Order #:

7065511

SUMMIT Version: 7.20.130

Tuesday, December 15, 2009 01:07:00

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2758326	Quote #:	Sales Order #: 7071836
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Joyce, Ricky	
Well Name: Elkhart Forest	Well #: 16-1A	API/UWI #:	
Field:	City (SAP): ROLLA	County/Parish: Morton	State: Kansas
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Kenai	Rig/Platform Name/Num: 55		
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: BLAKEY, JOSEPH	Srvc Supervisor: LISH, DEREK	MBU ID Emp #: 295022	

Activity Description	Date/Time	Cnt #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/16/2009 16:00							EOG ELKHART FOREST 16-1A 8 5/8 2-STAGE SURFACE
Depart Yard Safety Meeting	12/16/2009 17:20							JOURNEY MANAGEMENT MEETING WITH CREW
Crew Leave Yard	12/16/2009 17:30							REQUESTED ON LOCATION ASAP
Arrive At Loc	12/16/2009 20:30							RIG WAITING ON DV TOOL
Other	12/16/2009 20:45							INSTALL DV TOOL ON CASING
Assessment Of Location Safety Meeting	12/16/2009 21:00							MEET WITH CUSTOMER, ASSESS LOCATION WITH CREW, SPOTTING EQUIPMENT, RIG UP PROCEDURES, HAZARDS ON LOCATION.
Comment	12/16/2009 21:01							RIG LOST ALL RETURNS
Casing on Bottom	12/16/2009 21:30							8 5/8 24# J-55 CSG 1621.88FT (TP)SJ-43.33, DV-748.78 FT. HOLE SIZE 12 1/4 1623.FT(TD) (13 3/8 CSG SHOE @ 1296 FT.
Rig-Up Equipment	12/16/2009 21:40							STAB HEAD, RIG UP FLOOR
Circulate Well	12/16/2009 22:00							RIG CIRCULATED ENOUGH TO PUMP BALL THROUGH INSR FLOAT. THEN SHUTDOWN

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Quote #:

Sales Order #:

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SUMMIT Version: 7.20.130

Thursday, December 17, 2009 04:48:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Rig-Up Equipment	12/16/2009 22:10							SPOT TRUCKS, RIG UP HES LINES TO THE RIG
Pre-Job Safety Meeting	12/16/2009 23:00							WITH RIG AND HES CREWS, JOB OPERATIONS AND HAZARDS
Other	12/16/2009 23:15							MIX 20 BBLs SUPERFLUSH
Start Job	12/16/2009 23:36							START STAGE 1
Test Lines	12/16/2009 23:39							PRESSURE TEST HES PUMPS AND LINES TO 4000 PSI
Pump Spacer 1	12/16/2009 23:41		4	20			160.0	20 BBLs SUPERFLUSH
Pump Spacer 2	12/16/2009 23:48		4	10			116.0	10 BBLs FRESH WATER SPACER
Pump 1st Stage Lead Slurry	12/16/2009 23:52		5.5	49			175.0	225 SKS MIXED AT 15.6 PPG
Drop Plug	12/17/2009 00:02							8 5/8 SHUTOFF PLUG
Pump Displacement	12/17/2009 00:08		10	85			240.0	FRESH WATER DISPLACEMENT ( 100.4 BBLs TOTAL)
Slow Rate	12/17/2009 00:20		3	15			110.0	SLOW RATE TO BUMP PLUG
Bump Plug	12/17/2009 00:25		3	100.4			170.0	500 PSI OVER
Check Floats	12/17/2009 00:26						900.0	FLOATS HELD, 1/2 BBL BACK
End Job	12/17/2009 00:29							END STAGE 1 (NO RETURNS THROUGH 1ST STAGE)
Wait on Orders - Start Time	12/17/2009 00:30							CUSTOMER REQUESTED TO WAIT ON CEMENT TO BUILD GEL STRENGTH BEFORE DROPPING OPENING PLUG
Wait on Orders - End Time	12/17/2009 02:40							GET CREWS AND EQUIPMENT UP AND READY
Start Job	12/17/2009 03:00							START STAGE 2
Drop Ball	12/17/2009 03:05							DROP OPENING PLUG

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Quote #:

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Thursday, December 17, 2009 04:48:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Open Multiple Stage Cementer	12/17/2009 03:10		1	2			500.0	DV OPENED AT 500 PSI
Circulate Well	12/17/2009 03:11		5	20			160.0	CIRCULATED 20 BBLS FRESH WATER THROUGH DV TOOL— GOT RETURNS AT 10 BBLS AWAY
Pump 2nd Stage Lead Slurry	12/17/2009 03:19		7	63			168.0	120 SKS MIXED @ 11.4 PPG.
Pump 2nd Stage Tail Slurry	12/17/2009 03:27		7	8.5			230.0	25 SKS MIXED @ 13 PPG.
Drop Top Plug	12/17/2009 03:31							DROP CLOSING PLUG
Pump Displacement	12/17/2009 03:32		8	35			130.0	FRESH WATER DISPLACEMENT ( 47.6 BBLS TOTAL)
Slow Rate	12/17/2009 03:39		3	12.6			60.0	SLOW RATE TO BUMP PLUG
Bump Plug	12/17/2009 03:43		3	47.6			100.0	1135 PSI OVER TO CLOSE DV TOOL
Close Multiple Stage Cementer	12/17/2009 03:44						1500.0	TOOL CLOSED ( 1 BBL BACK )
End Job	12/17/2009 03:45							END STAGE 2—( HAD GOOD RETURNS THROUGH STAGE 2, NO CEMENT RETURNS)
Rig-Up Equipment	12/17/2009 03:46							RIG UP 50 FT. OF 1" PIPE FOR TOP OUT
Pump Cement	12/17/2009 04:17		2.5	43			250.0	200 SKS TOPOUT CEMENT @ 15.6 PPG.
Shutdown	12/17/2009 04:41							HAD NO RETURNS WHILE PUMPING TOP OUT, CUSTOMER ORDERED ANOTHER 250 SKS OF TOP OUT CEMENT.
Other	12/17/2009 04:45							RIG PREPARE TO NIPPLE UP, DRAIN LINES, WASH PUMP TRUCK AT PIT
Standby - Other - see comments	12/17/2009 05:00							WAIT ON 250 SKS TOP OUT CEMENT
Rig-Up Equipment	12/17/2009 12:30							SPOT PUMP TRUCK, RIG UP TO HES LINES
Start Job	12/17/2009 13:48							START 2ND TOP OUT

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Thursday, December 17, 2009 04:48:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer	12/17/2009 13:49		4	70			385.0	PUMP FRESH WATER THROUGH 50 FT. 1" PIPE TO ESTABLISH CIRCULATION.
Shutdown	12/17/2009 14:11							PUMPED 70 BBLS OF WATER AND GOT RETURNS
Standby - Other - see comments	12/17/2009 14:15							WAIT ON CEMENT TO ARRIVE ON LOCATION
Arrive At Loc	12/17/2009 14:50							CEMENT ON LOCATION
Rig-Up Equipment	12/17/2009 14:55							SPOT BULK TRUCK, RIG UP
Pump Cement	12/17/2009 15:15		3	38			580.0	PUMPED (38 BBLS) (178 SKS) TOP OUT CEMENT MIXED @ 15.6 PPG.
End Job	12/17/2009 16:10							
Pre-Rig Down Safety Meeting	12/17/2009 16:15							RIG DOWN PROCEDURE, HAZARDS ON LOCATION
Rig-Down Equipment	12/17/2009 16:20							RIG DOWN HES
Depart Location Safety Meeting	12/17/2009 17:50							JOURNEY MANAGEMENT MEETING WITH CREW
Crew Leave Location	12/17/2009 18:00							THANK YOU FROM HALLIBURTON CREW

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