



**ORIGINATOR**

Side Two

Operator Name EOG RESOURCES, INC.

Lease Name DORAINE

Well # 21 #1

Sec. 21 Twp. 27 S.R. 37  East  West

County GRANT

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.)  Yes  No

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run (Submit Copy.)  Yes  No

List All E.Logs Run:

**MUDLOG, MICROLOG, RESISTIVITY, DENSITY NEUTRON W/ MICRO, DENSITY NEUTRON, SONIC, ANNULAR HOLE**

Log Formation (Top), Depth and Datums  Sample  
Name Top Datum

SEE ATTACHED SHEET

CASING RECORD  New  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#	1656'	MIDCON2PP	300	SEE CMT TIX
					PREM PLUS	180	SEE CMT TIX

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
N/A - DRY	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled

(If vented, submit ACO-18.)

Other (Specify)

ACO-1 Completion Report		
Well Name : DORAINE 21 #1		
FORMATION	TOP	DATUM
CHASE	2373	708
COUNCIL GROVE	2654	427
NEVA	2913	168
TOPEKA	3352	-271
BASE OF HEEBNER	3738	-657
MARMATON	4455	-1374
CHESTER	5214	-2133

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**WICHITA, KS**

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HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2603253	Quote #:	Sales Order #: 5414983
Customer: EOG RESOURCES INC		Customer Rep: Nutter, Herb	
Well Name: Doraine	Well #: 21#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Grant	State: Kansas
Contractor: ABERCROMBIE	Rig/Platform Name/Num: 2		
Job Purpose: Plug to Abandon Service			
Well Type: Development Well		Job Type: Plug to Abandon Service	
Sales Person: BLAKEY, JOSEPH	Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	5.5	267804	LOPEZ, JUAN Rosales	5.5	198514	WILTSHIRE, MERSHEK T	5.5	195811

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	50 mile	10286731	50 mile				

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

Job Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	BHST		On Location			
Job depth MD	6100. ft	Job Depth TVD	6100. ft	Job Started	09 - Oct - 2007	01:02 CST
Water Depth		Wk Ht Above Floor	5. ft	Job Completed	09 - Oct - 2007	00:00 CST
Perforation Depth (MD) From		To		Departed Loc		

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
DRILL PIPE	Used		4.5	3.826	16.6	X-HOLE (XH)	X		1680.		
Surface Casing	New		8.625	8.097	24.		J-55		1700.		
Production Hole				7.875				1700.	6500.		

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	

Fluid Data

Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

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Cementing Job Summary

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	Plug @1680 ft	POZ PREMIUM 40/60 - SBM (15075)	50.0	sacks	13.5	1.47	7.04		7.04	
	2 %	BENTONITE, BULK (100003682)								
	7.042 Gal	FRESH WATER								
2	Plug @840 ft	POZ PREMIUM 40/60 - SBM (15075)	50.0	sacks	13.5	1.47	7.04		7.04	
	2 %	BENTONITE, BULK (100003682)								
	7.042 Gal	FRESH WATER								
3	Plug @ 60 ft	POZ PREMIUM 40/60 - SBM (15075)	20.0	sacks	13.5	1.47	7.04		7.04	
	2 %	BENTONITE, BULK (100003682)								
	7.042 Gal	FRESH WATER								
4	Plug Rat Hole	POZ PREMIUM 40/60 - SBM (15075)	15.0	sacks	13.5	1.47	7.04		7.04	
	2 %	BENTONITE, BULK (100003682)								
	7.042 Gal	FRESH WATER								
5	Mouse Hole	POZ PREMIUM 40/60 - SBM (15075)	10.0	sacks	13.5	1.47	7.04		7.04	
	2 %	BENTONITE, BULK (100003682)								
	7.042 Gal	FRESH WATER								
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	44.57 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>Herb Hunter</i>						

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## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2603253	Quote #:	Sales Order #: 5414983
Customer: EOG RESOURCES INC		Customer Rep: Nutter, Herb	
Well Name: Doraine	Well #: 21#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Grant	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: ABERCROMBIE		Rig/Platform Name/Num: 2	
Job Purpose: Plug to Abandon Service			Ticket Amount:
Well Type: Development Well		Job Type: Plug to Abandon Service	
Sales Person: BLAKEY, JOSEPH		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Activity/Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/08/2007 09:00							
Arrive At Loc	10/08/2007 23:30							RECEIVED KANSAS CORPORATION COMMISSION
Pre-Job Safety Meeting	10/08/2007 23:45							DEC 06 2007
Start Job	10/09/2007 01:02							CONSERVATION DIVISION WICHITA, KS
Test Lines	10/09/2007 01:02					2500.0		
Circulate Well	10/09/2007 01:04		5.5	160		120.0		WATER
Pump Cement	10/09/2007 01:25		3.5	13		80.0		50 SKS 40/60 POZ @ 13.5#
Pump Displacement	10/09/2007 01:28		5	21		40.0		WATER
Other	10/09/2007 01:31		5	21		40.0		END DISPLACEMENT/// PULL UP TO 840'
Circulate Well	10/09/2007 02:09		4	15		80.0		
Pump Cement	10/09/2007 02:14		4	13		80.0		50 SKS 40/60 POZ @ 13.5#
Pump Displacement	10/09/2007 02:17		5	8		30.0		WATER
Other	10/09/2007 02:19		5	8		70.0		END DISP.// PULL UP TO 60'
Circulate Well	10/09/2007 03:21		2	8				
Pump Cement	10/09/2007 03:25		3	12		60.0		20 SKS 40/60 POZ @ 13.5#/// 15 SKS RAT/// 10 SKS MOUSE
Other	10/09/2007 03:43		3	12		60.0		END CEMENT

Sold To #: 302122

Ship To #: 2603253

Quote #:

Sales Order #: 5414983

SUMMIT Version: 7.20.130

Tuesday, October 09, 2007 04:05:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cnt #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	10/09/2007 03:43							

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Sold To # : 302122

Ship To # : 2603253

Quote # :

Sales Order # :

5414983

SUMMIT Version: 7.20.130

Tuesday, October 09, 2007 04:05:00

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# HALLIBURTON

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2603253	Quote #:	Sales Order #: 5401586
Customer: EOG RESOURCES INC		Customer Rep:	
Well Name: Doraine	Well #: 21#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Stevens	State: Kansas
Contractor: ABERCROMBIE	Rig/Platform Name/Num: 2		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person:		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 #
EVANS, JOSHUA Allen	3.5	427571	GRAVES, JEREMY L	12.5	399155	HANEWALD, JOHN Jay	9.0	412340
KEY, MELVIN Lee	12.5	426178	SMITH, BOBBY Wayne	12.5	106036			

### 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

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone
				Called Out	02 - Oct - 2007	01:00 CST
Form Type			BHST	On Location	02 - Oct - 2007	04:00 CST
Job depth MD	1700. ft		Job Depth TVD	Job Started	02 - Oct - 2007	12:52 CST
Water Depth			Wk Ht Above Floor	Job Completed	02 - Oct - 2007	14:21 CST
Perforation Depth (MD)	From	To		Departed Loc	02 - Oct - 2007	16:30 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.				1700.		

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

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,8-5/8 8RD	1	EA		RECEIVED
CLR,FLT,TROPHY SEAL,8-5/8 8RD	1	EA		KANSAS CORPORATION COMMISSION
AUTOFILL KIT,TROPHY SEAL	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	12	EA		DEC 06 2007
CLP,LIM,8 5/8,FRICT,WTH DOGS	1	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		CONSERVATION DIVISION
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		WICHITA, KS

### 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	

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		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	40 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>Larry Taylor</i>						

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The Road to Excellence Starts with Safety

Sold To #: 302122	Ship To #: 2603253	Quote #:	Sales Order #: 5401586
Customer: EOG RESOURCES INC		Customer Rep:	
Well Name: Doraine	Well #: 21#1	API/UWI #:	
Field:	City (SAP): UNKNOWN	County/Parish: Stevens	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: ABERCROMBIE		Rig/Platform Name/Num: 2	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person:		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	10/02/2007 01:00							
Safety Meeting - Service Center or other Site	10/02/2007 02:15							
Arrive at Location from Other Job or Site	10/02/2007 04:00							
Assessment Of Location Safety Meeting	10/02/2007 04:00							rig is drilling
Safety Meeting - Pre Rig-Up	10/02/2007 04:05							pump truck
Other	10/02/2007 04:30							bulk trucks on location
Safety Meeting - Pre Rig-Up	10/02/2007 04:35							bulk trucks
Other	10/02/2007 05:00							casing crew on location
Other	10/02/2007 07:00							rig pulling drill pipe
Other	10/02/2007 10:00							Casing going in the hole. Float equipment started.
Other	10/02/2007 12:30							Casing on bottom. Rig down casing crew.
Safety Meeting	10/02/2007 12:45							location
Start Job	10/02/2007 12:52							
Test Lines	10/02/2007 12:52						2300.0	kick outs 2000
Pump Lead Cement	10/02/2007 12:55		6	158			200.0	300 sk 11.4 #
Pump Tail Cement	10/02/2007 13:24		4	43			100.0	180 sk 14.8 #
Drop Plug	10/02/2007 13:35							
Pump Displacement	10/02/2007 13:36		6	0			75.0	water

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## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	10/02/2007 13:54		2	85		500.0	400.0	Slow down rate.
Bump Plug	10/02/2007 14:19		2	103		500.0	1200.0	
Check Floats	10/02/2007 14:20							float held
End Job	10/02/2007 14:21							50 bbls of cement back to surface.
Safety Meeting - Pre Rig-Down	10/02/2007 14:25							
Safety Meeting - Departing Location	10/02/2007 16:30							
Depart Location for Service Center or Other Site	10/02/2007 16:30							Thank you for calling Halliburton. Bob Smith and crew.

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Sold To #: 302122

Ship To #: 2603253

Quote #:

Sales Order #:

5401586

SUMMIT Version: 7.20.130

Tuesday, October 02, 2007 03:14:00