

CONFIDENTIAL

ORIGINAL

Form must be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

3/9/13

OPERATOR: License # 5278

Name: EOG Resources, Inc.

Address 1: 3817 NW Expressway, Suite 500

Address 2: Suite 500

City Oklahoma City State OK Zip: 73112 +

Contact Person: DAWN ROCKEL **KCC**

Phone (405) 246-3226

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
- SIG
- CM (Coal Bed Methane)
- Temp. Abd.
- Dry
- Other _____

If Workover/Reentry: 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. _____

<u>11/13/2010</u>	<u>11/22/2010</u>	<u>12/3/2010</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API NO. 15- 15-189-22759-00-00

Spot Description: _____

SE - SW - NW - NE Sec. 35 Twp. 31 S. R. 39 East West

1225 Feet from North / South Line of Section

2130 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County STEVENS

Lease Name CYNTHIA Well # 35 #3

Field Name _____

Producing Formation MISSISSIPPIAN

Elevation: Ground 3191' Kelley Bushing 3203'

Total Depth 6200' Plug Back Total Depth N/A

Amount of Surface Pipe Set and Cemented at 1736 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

(Data must be collected from the Reserve Pit)

NO 3-28-11 AHL

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. _____ 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 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 Roc Kel

Title SR. OPERATIONS ASSISTANT Date 3/9/2011

Subscribed and sworn to before me this 10th day of March

20 11 Notary Public Diana Igleheart

Date Commission Expires 7/6/13



KCC Office Use ONLY

Letter of Confidentiality Attached

If Denied, Yes No Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

3/9/11 - 3/9/13

Operator Name EOG RESOURCES, INC. Lease Name CYNTHIA Well # 35 #3

Sec. 35 Twp. 31 S.R. 39 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, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> <input 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 checked="" type="checkbox"/> No Electric Log Run <i>(Submit Copy)</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: RESISTIVITY, SD/DS NEUTRON MICRO, SD/DS NEUTRON, MICRO, COLLAR LOCATOR, CEMENT BOND & BOREHOLE COMP SONIC ARRAY.	<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#	1736'	MIDCON2	300	SEE ATTACHED
					CLASS 'A'	200	
PRODUCTION	7 7/8	5 1/2	15.5#	6179'	50/50 POZ	125	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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	6015-6024'	ACIDIZE w/1500 GAL HCL.	6015-6024

TUBING RECORD	Size 2 7/8	Set At 5971'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---------------	---------------	-----------------	------------------	---

Date of First, Resumed Production, SWD or Enhr. 12/4/2010	Producing Method <input checked="" 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
	534	0	931	- - -	44

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>6015-6024'</u>
--	---	---

ACO-1 Completion Report		
Well Name : CYNTHIA 35 #3		
FORMATION	TOP	DATUM
CHASE	2387	816
COUNCIL GROVE	2690	513
WABAUNSEE	3109	94
BASE OF HEEBNER	3904	-701
LANSING	4018	-815
MARMATON	4682	-1479
CHEROKEE	4879	-1676
ATOKA	5245	-2042
MORROW	5382	-2179
CHESTER	5800	-2597
ST GENEVIEVE	5860	-2657

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2819514	Quote #:	Sales Order #: 7773712
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Cynthia	Well #: 35 #3	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Contractor: Kenai	Rig/Platform Name/Num: 55		
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DRAKE, BRANDON		Srvc Supervisor: HULSEY, JASON	MBU ID Emp #: 305277

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN	8	442123	ARNETT, JAMES Ray	8	226567	HULSEY, JASON Alan	8	305277
MATA, ADOLFO V	8	419999						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10286731	25 mile	10714253C	25 mile	10866807	25 mile	10994449	25 mile
10998524	25 mile	11019295	25 mile	11133699	25 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/15/2010	8	2						

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
					14 - Nov - 2010	20:00	CST
Form Type			BHST	On Location	15 - Nov - 2010	01:00	CST
Job depth MD	1700. ft		Job Depth TVD	Job Started	15 - Nov - 2010	05:07	CST
Water Depth			Wk Ht Above Floor	Job Completed	15 - Nov - 2010	06:33	CST
Perforation Depth (MD)	From		To	Departed Loc	15 - Nov - 2010	07:45	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread RECEIVED	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.	MAR 11 2011			1700.		

Sales/Rentals

Description	Qty	Qty uom	Depth	Supplier
CENTRALIZER ASSY - API - 8-5/8 CSG X	12	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	2	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		

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	

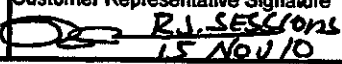
Fluid Data

Summit Version: 7.20.130

Monday, November 15, 2010 07:04:00

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Cementing Job Summary

Stage/Plug #										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Lead Cement	VARICEM (TM) CEMENT (452009)	300.0	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	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	15.6	1.2	5.22		5.22	
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	5.218 Gal	FRESH WATER								
3	Displacement		108.00	bbt	8.33	.0	.0	.0		
Calculated Values			Pressure			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		
Factors										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe		Amount	45.05 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  R.J. SESSIONS 15 NOV 10						

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CONFIDENTIAL **Cementing Job Log**

The Road to Excellence Starts with Safety

Sold To #: 348223		Ship To #: 2819514		Quote #:		Sales Order #: 7773712	
Customer: EOG RESOURCES INC EBUSINESS				Customer Rep: Sessions, Jackie			
Well Name: Cynthia			Well #: 35 #3		API/UWI #:		
Field:		City (SAP): HUGOTON		County/Parish: Stevens		State: Kansas	
Legal Description:							
Lat:				Long:			
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: DRAKE, BRANDON			Srcv Supervisor: HULSEY, JASON			MBU ID Emp #: 305277	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/14/2010 20:00							
Depart Yard Safety Meeting	11/14/2010 20:10							Discuss routes and stops
Arrive At Loc	11/15/2010 01:00							
Assessment Of Location Safety Meeting	11/15/2010 01:05							Walk around location and point out any hazards
Pre-Rig Up Safety Meeting	11/15/2010 01:10							Watch for pinch points, hammering and walking hazards
Rig-Up Completed	11/15/2010 02:00							
Pre-Job Safety Meeting	11/15/2010 04:30							With all personnel on location
Start Job	11/15/2010 05:07							
Pressure Test	11/15/2010 05:09							2000 psi
Pump Lead Cement	11/15/2010 05:13		6	158	158		263.0	
Pump Tail Cement	11/15/2010 05:38		5.7	43	201		286.0	
Drop Plug	11/15/2010 05:48							Top plug only
Pump Displacement	11/15/2010 05:50		10	87	288		369.0	Fresh water
Cement Returns to Surface	11/15/2010 05:55							42bbbls to surface
Shutdown	11/15/2010 06:00							
Pump Displacement	11/15/2010 06:04		2	5	293		368.0	

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Sold To #: 348223

Ship To #: 2819514

Quote #:

Sales Order #:

7773712

SUMMIT Version: 7.20.130

Monday, November 15, 2010 07:04:00

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	11/15/2010 06:08							
Pump Displacement	11/15/2010 06:13		2	5	298		417.0	
Shutdown	11/15/2010 06:16							
Pump Displacement	11/15/2010 06:21		2	5	303		459.0	
Shutdown	11/15/2010 06:24							
Pump Displacement	11/15/2010 06:27		2	5	308		550.0	
Bump Plug	11/15/2010 06:28						1050.0	
Check Floats	11/15/2010 06:30							ok
End Job	11/15/2010 06:33							
Pre-Rig Down Safety Meeting	11/15/2010 06:35							all hes employees present
Rig-Down Equipment	11/15/2010 06:45							
Depart Location Safety Meeting	11/15/2010 07:30							all hse employees present
Depart Location for Service Center or Other Site	11/15/2010 07:40							

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Sold To #: 348223

Ship To #: 2819514

Quote #:

Sales Order #: 7773712

SUMMIT Version: 7.20.130

Monday, November 15, 2010 07:04:00

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CONFIDENTIAL Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2819514	Quote #:	Sales Order #: 7788058
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Cynthia	Well #: 35 #3	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Contractor: KENAI	Rig/Platform Name/Num: 55		
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: DRAKE, BRANDON		Srvc Supervisor: CARRILLO, EDUARDO	MBU ID Emp #: 371263

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Job Personnel								
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Camillo	10	371263	DEETZ, DONALD E	10	389855	PORTILLO, CESAR	10	457847
TORRES, CLEMENTE	10	344233						

Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10286731	25 mile	10714253C	25 mile	10717476	25 mile	10825713	25 mile
10994449	25 mile	11019295	25 mile				

Job Hours								
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11-21-2010	10	3						
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	21 - Nov - 2010	12:00	CST
Form Type			BHST	On Location	21 - Nov - 2010	14:00	CST
Job depth MD	6183.9 ft		Job Depth TVD	Job Started	21 - Nov - 2010	19:08	CST
Water Depth			Wk Ht Above Floor	Job Completed	21 - Nov - 2010	20:33	CST
Perforation Depth (MD)	From	To		Departed Loc	21 - Nov - 2010	21:30	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 Hole				7.875				1700.	6200.		
5.5" Production Casing	Unknown		5.5	4.95	15.5	8 RD (LT&C)	P-110		6200.		
Surface Casing	Unknown		8.625	8.097	24.			1700.			


Sales/Rental/3 rd Party (HES)				
Description	Qty	Qty uom	Depth	Supplier
CENTRALIZER ASSY - TURBO - API -	17	EA		
CLAMP - LIMIT - 5-1/2 - HINGED -	1	EA		
PLUG,CMTG,BOT,5 1/2,HWE,4.38 MIN/5.09 MA	1	EA		

Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	5 1/2	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	5 1/2	1	H
Stage Tool										Centralizers	5 1/2	17	H

Miscellaneous Materials															
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%	Treatment Fld	Conc	Inhibitor	Conc	Acid Type	Qty	Conc	%

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Cementing Job Summary

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	125.0	sacks	13.5	1.76	8.52		8.52
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	10 %	SALT, BULK (100003695)							
	2 lbm	PRESSUR-SEAL LCM, 40 LB (101204356)							
	0.6 %	HALAD(R)-344, 50 LB (100003670)							
	0.5 %	D-AIR 3000 (101007446)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	8.516 Gal	FRESH WATER							
2	Displacement		146.00	bbl	8.33	.0	.0	.0	
3	Rat Hole Plug Cement	PLUGCEM (TM) SYSTEM (452969)	50.0	sacks	13.5	1.76	8.52		8.52
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	10 %	SALT, BULK (100003695)							
	2 lbm	PRESSUR-SEAL LCM, 40 LB (101204356)							
	0.6 %	HALAD(R)-344, 50 LB (100003670)							
	0.5 %	D-AIR 3000 (101007446)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	8.516 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	146	Shut In: Instant		Lost Returns	0	Cement Slurry	55	Pad	
Top Of Cement	4956	5 Min		Cement Returns	0	Actual Displacement	146	Treatment	
Frac Gradient		15 Min		Spacers	0	Load and Breakdown		Total Job	201
Rates									
Circulating	10	Mixing	6	Displacement	10	Avg. Job	10		
Cement Left In Pipe	Amount	47.33 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  R. J. S. Johnson 21 NOV 10					

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2819514	Quote #:	Sales Order #: 7788058
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Cynthia	Well #: 35 #3	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: KENAI		Rig/Platform Name/Num: 55	
Job Purpose: Cement Production Casing		Ticket Amount:	
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: DRAKE, BRANDON		Srvc Supervisor: CARRILLO, EDUARDO	MBU ID Emp #: 371263

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/21/2010 12:00							
Depart Location Safety Meeting	11/21/2010 13:00							Discused all routs and stops to location.
Safety Meeting - Pre Job	11/21/2010 13:55							Discused numbers with company rep displacment how fast to pupm and riging up of iron on the floor.
Arrive At Loc	11/21/2010 14:00							
Other	11/21/2010 14:01							casing going in the hole
Assessment Of Location Safety Meeting	11/21/2010 14:05							Rig was ready to run casing in hole started @ 14:00:00 runing in pipe drill pipe was out of the hole.
Pre-Rig Up Safety Meeting	11/21/2010 14:10							Discused proper lifting spotting in equipment on location and having spoters at all times backing up.
Rig-Up Completed	11/21/2010 15:00							
Other	11/21/2010 18:00							casing on bottom. rig circulating. For 1 hr.
Start Job	11/21/2010 19:08							
Test Lines	11/21/2010 19:09							@ 4000 psi heald.
Pump Cement	11/21/2010 19:16							125 sks === 220R3==== @13.5 ppg 39 bbls
Drop Top Plug	11/21/2010 19:24							

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Sold To #: 348223

Ship To #: 2819514

Quote #:

Sales Order #:

7788058

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Sunday, November 21, 2010 09:17:00

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	11/21/2010 19:54							Bumped @ 1000 took to 1500 psi
Other	11/21/2010 19:58							plug held.
Pump Cement	11/21/2010 20:08							25 sx rat hole @ 13.5 ppg 8 bbls
Pump Cement	11/21/2010 20:25							25 sx mouse hole @ 13.5 ppg 8 bbls
End Job	11/21/2010 20:33							
Safety Meeting - Pre Rig-Down	11/21/2010 20:45							Discused red zones proper lifting
Rig-Down Completed	11/21/2010 21:45							
Safety Meeting - Departing Location	11/21/2010 21:50							Discused all routs and stops
Depart Location for Service Center or Other Site	11/21/2010 22:10							Thank you for calling Halliburton. Ed and crew.

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Sold To #: 348223

Ship To #: 2819514

Quote #:

Sales Order #:

7788058

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Sunday, November 21, 2010 09:17:00



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Prepared For: **EOG Resources Inc.**

3817 NW Expressway Ste. 500 Oklahoma
City Ok. 73112 1483

ATTN: Jackie S.

35/31/39

Cynthia 35 #3

Start Date: 2010.11.20 @ 03:45:00

End Date: 2010.11.20 @ 22:04:00

Job Ticket #: 39401 DST #: 1

KCC

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**RECEIVED
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KCC WICHITA**

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260



Weatherford[®] Completion Systems

DRILL STEM TEST REPORT

EOG Resources Inc.

Cynthia 35 #3

3817 NW Expressway Ste. 500 Oklahoma City
Ok. 73112 1483

35/31/39

Job Ticket: 39401

DST#: 1

ATTN: Jackie S.

Test Start: 2010.11.20 @ 03:45:00

GENERAL INFORMATION:

Formation: St. Louis

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:08:45

Time Test Ended: 22:04:00

Test Type: Conventional Straddle

Tester: Harley Davidson

Unit No: 33

Interval: 6007.00 ft (KB) To 6038.00 ft (KB) (TVD)

Total Depth: 6200.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3202.00 ft (KB)

3191.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6772 Outside

Press@RunDepth: 1520.80 psig @ 6008.00 ft (KB)

Start Date: 2010.11.20

End Date:

2010.11.20

Start Time: 03:45:05

End Time:

22:03:59

Capacity: 8000.00 psig

Last Calib.: 2010.11.20

Time On Btm: 2010.11.20 @ 11:56:15

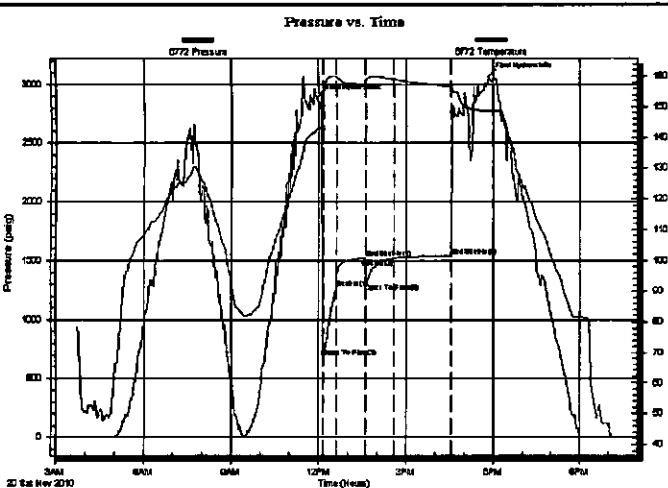
Time Off Btm: 2010.11.20 @ 17:51:45

TEST COMMENT: IF- Strong blow BOB ASAO. No GTS.

IS- No blow back.

FF- Strong blow 1min. BOB. No GTS.

FS- 2 in. of blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2890.39	142.58	Initial Hydro-static
13	689.44	151.69	Open To Flow (1)
41	1269.53	160.05	Shut-In(1)
100	1526.56	157.30	End Shut-In(1)
101	1312.92	157.54	Open To Flow (2)
159	1520.80	159.10	Shut-In(2)
278	1541.05	156.83	End Shut-In(2)
356	3068.14	148.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1054.00	50%oil 50%gas	11.42
1926.00	100% water	27.02

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



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DRILL STEM TEST REPORT

TOOL DIAGRAM

EOG Resources Inc.

Cynthia 35 #3

3817 NW Expressway Ste. 500 Oklahoma City
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Job Ticket: 39401

DST#: 1

ATTN: Jackie S.

Test Start: 2010.11.20 @ 03:45:00

Tool Information

Drill Pipe:	Length: 5613.00 ft	Diameter: 3.80 inches	Volume: 78.74 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 80.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 93000.00 lb
Depth to Top Packer:	6007.00 ft			Final 105000.0 lb
Depth to Bottom Packer:	6038.00 ft			
Interval between Packers:	31.00 ft			
Tool Length:	234.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5978.00	
Sampler	2.00			5980.00	
Shut In Tool	5.00			5985.00	
Hydraulic tool	5.00			5990.00	
Jars	5.00			5995.00	
Safety Joint	3.00			5998.00	
Packer	5.00			6003.00	30.00 Bottom Of Top Packer
Packer	4.00			6007.00	
Stubb	1.00			6008.00	
Recorder	0.00	8355	Inside	6008.00	
Recorder	0.00	6772	Outside	6008.00	
Perforations	29.00			6037.00	
Blank Off Sub	1.00			6038.00	31.00 Tool Interval
Packer	4.00			6042.00	
Stubb	1.00			6043.00	
Perforations	1.00			6044.00	
Recorder	0.00	8674	Outside	6044.00	
Change Over Sub	1.00			6045.00	
Drill Pipe	162.00			6207.00	
Change Over Sub	1.00			6208.00	
Bullnose	3.00			6211.00	173.00 Bottom Packers & Anchor
Total Tool Length:		234.00			



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DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources Inc.

Cynthia 35 #3

3817 NW Expressway Ste. 500 Oklahoma City
Ok. 73112 1483

35/31/39

Job Ticket: 39401

DST#: 1

ATTN: Jackie S.

Test Start: 2010.11.20 @ 03:45:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 cm ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1054.00	50%oil 50%gas	11.423
1926.00	100% water	27.017

Total Length: 2980.00 ft Total Volume: 38.440 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- 1500 PSI 2000 ML salt w ater trace of gas and oil.



DRILL STEM TEST REPORT

GAS RATES

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EOG Resources Inc.

Cynthia 35 #3

3817 NW Expressway Ste. 500 Oklahoma City
Ok. 73112 1483

35/31/39

Job Ticket: 39401

DST#: 1

ATTN: Jackie S.

Test Start: 2010.11.20 @ 03:45:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
		0.00	0.00	0.00

