

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form must be Typed

10/14/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC

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

Phone (405) 246-3226

CONTRACTOR: License # 34000

Name: KENAI MID-CONTINENT, INC.

Wellsite Geologist: _____

Purchaser: DCP MIDSTREAM, LP/APC - TRANSPORTER

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/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. _____

6/21/10 6/28/10 7/12/10

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

API NO. 15- 189-22729-00-00

Spot Description: _____

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

1650 Feet from North / South Line of Section

990 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 #2

Field Name WILDCAT

Producing Formation MISSISSIPPIAN

Elevation: Ground 3188' Kelley Bushing 3200'

Total Depth 6200' Plug Back Total Depth N/A

Amount of Surface Pipe Set and Cemented at 1702 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 ATFINS 10-26-10
(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. _____ 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.

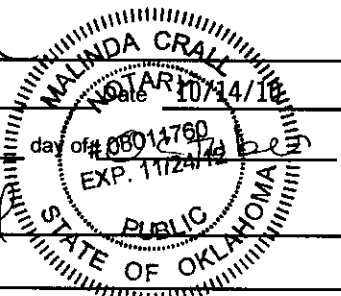
Signature Dawn Rockel

Title SR. OPERATIONS ASSISTANT

Subscribed and sworn to before me this 18 day of October 2010.

Notary Public Malinda Crall

Date Commission Expires _____



KCC Office Use ONLY

- Letter of Confidentiality Attached 10/14/10
- If Denied, Yes No Date: 10/14/12
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

Operator Name EOG RESOURCES, INC. Lease Name CYNTHIA Well # 35 #2

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 (Attach Additional Sheets) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: ARRAY, MICRO, SD/DS NEUTRON, SONIC & CEMENT BOND.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED.
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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#	1702'	MIDCON2	300	SEE ATTACHED
					CLASS 'A'	200	
PRODUCTION	7 7/8	5 1/2	15.5#	6166'	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 (Amount and Kind of Material Used)	Depth
4	6106' -6110'; CIBP 6095'	ACIDIZE w/500 gal HCL.	6106-6110
4	6048' -6052'; CIBP 6040'	ACIDIZE w/500 gal HCL.	6048-6052
4	6010' -6016'	ACIDIZE w/1000 gal HCL.	6010-6016

TUBING RECORD		Size 2 7/8	Set At 5975'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 7/14/10			Producing Method <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. 1333	Gas Mcf 72	Water Bbls. 55	Gas-Oil Ratio 54	Gravity 48

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	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 6010' -6016'
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ACO-1 Completion Report		
Well Name : CYNTHIA 35 #2		
FORMATION	TOP	DATUM
CHASE	2407	793
WINFIELD	2458	742
COUNCIL GROVE	2684	516
NEVA	2935	265
BASE OF HEEBNER	3900	-700
LANSING	4013	-813
MARMATON	4660	-1460
CHEROKEE	4875	-1675
ATOKA	5250	-2050
MORROW	5389	-2189
CHESTER	5796	-2596
ST GENEVIEVE	5922	-2722
ST LOUIS	6058	-2858

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2790682	Quote #:	Sales Order #: 7450687
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Rogers, Sheila	
Well Name: Cynthia	Well #: 35 #2	API/UWI #: 15-189-22729	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Legal Description: Section 35 Township 31S Range 39W			
Contractor: ABERCROMBIE		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: LONDAGIN, MICHAEL	MBU ID Emp #: 340915

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
AGUILERA, FABIAN J	6	442123	DURAN, EDUR	6	445769	LONDAGIN, MICHAEL Lee	6	340915
SALDIVAR, EDWARD	6	473284						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10804587	45 mile	10825440	45 mile	11133700	45 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	21 - Jun - 2010	22:45	CST
Job depth MD	1700. ft	Job Depth TVD	Job Started	22 - Jun - 2010	01:35	CST
Water Depth		Wk Ht Above Floor	Job Completed	22 - Jun - 2010	02:40	CST
Perforation Depth (MD) From		To	Departed Loc	22 - Jun - 2010	04:30	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	Unknown		8.625	8.097	24.				1700.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CENTRALIZER ASSY - API - 8 5/8 CSG X	12	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	2	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
KIT, HALL WELD-A	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			

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Cementing Job Summary

Miscellaneous Materials											
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%	Treatment Fld	Conc	Inhibitor	Conc
				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	Mid Con 2 Standard	VARICEM (TM) CEMENT (452009)	300.0	sacks	11.4	2.96	18.14		18.14		
	3 %	CALCIUM CHLORIDE - HI TEST PELLETT (100005053)									
	0.1 %	WG-17, 50 LB SK (100003623)									
	0.25 lbm	POLY-E-FLAKE (101216940)									
	18.138 Gal	FRESH WATER									
2	Standard	SWIFTCEM (TM) SYSTEM (452990)	200.0	sacks	15.6	1.2	5.22		5.22		
	2 %	CALCIUM CHLORIDE - HI TEST PELLETT (100005053)									
	0.25 lbm	POLY-E-FLAKE (101216940)									
	5.218 Gal	FRESH WATER									
3	Displacement		102.00	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							

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2790682	Quote #:	Sales Order #: 7450687
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Rogers, Sheila	
Well Name: Cynthia	Well #: 35 #2	API/UWI #: 15-189-22729	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Legal Description: Section 35 Township 31S Range 39W			
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: ABERCROMBIE	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	Srvc Supervisor: LONDAGIN, MICHAEL	MBU ID Emp #: 340915	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/21/2010 17:50							EOG 8 5/8" Surface
Pre-Convoy Safety Meeting	08/21/2010 19:00							Discuss Route, Fatigue, Animals and weather
Arrive At Loc	06/21/2010 22:45							Running Casing
Assessment Of Location Safety Meeting	06/21/2010 23:00							Check Location for best/safest truck placement
Pre-Rig Up Safety Meeting	06/22/2010 00:15							Discuss Pinch Points, Overhead operations, Trip Hazards, Parallel Operations, Team Work and Communication
Rig-Up Completed	06/22/2010 00:40							Safety Huddle
Wait on Customer or Customer Sub-Contractor Equip	06/22/2010 00:41							RIH with Casing
Wait on Customer or Customer Sub-Contractor Equipm	06/22/2010 01:30							Casing Down-- Ready for Halliburton
Pre-Job Safety Meeting	06/22/2010 01:32							Discuss Job sequence, events and contingency plans
Test Lines	06/22/2010 01:35							Hold for 1 minute
Pump Lead Cement	06/22/2010 01:40		9.2	158.1 5			450.0	Mixed @ 11.4 ppg
Pump Tail Cement	06/22/2010 01:58		6	42.74			450.0	Mixed @ 15.6 ppg
Shutdown	06/22/2010 02:06							
Drop Top Plug	06/22/2010 02:07							HWE Plug

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	06/22/2010 02:08		10	85			800.0	Fresh Water (PUMPED 85 BBLs, SHUTDOWN AND STAGED IN 5 BBL INCREMENTS FOR 4 MINUTES EACH TIME UNTIL BUMPED 75 BBLs to Pit
Cement Returns to Surface	06/22/2010 02:14							
Slow Rate	06/22/2010 02:30		2	20			450.0	Stage Cement in 5 BBL Increments for last 20 BBLs
Bump Plug	06/22/2010 02:41		2				500.0	Go 700 psi over and hold for 1 minute (WENT TO 1200 PSI)
Check Floats	06/22/2010 02:43							Floats Held, Got .5 BBL back
Pre-Rig Down Safety Meeting	06/22/2010 02:55							Discuss Pinch Points, Overhead operations, Trip Hazards, Parallel Operations, Team Work and Communication
Rig-Down Completed	06/22/2010 04:00							Safety Huddle / Pre-Convoy Safety Meeting to discuss route etc.
Crew Leave Location	06/22/2010 04:30							
Other	06/22/2010 04:31							Thank You for Choosing Halliburton, Michael and Crew

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Sold To #: 348223

Ship To #: 2790682

Quote #:

Sales Order #: 7450687

SUMMIT Version: 7.20.130

Tuesday, June 22, 2010 03:04:00

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The Road to Excellence Starts with Safety

Sold To #: 348223		Ship To #: 2790862		Quote #:		Sales Order #: 7465646							
Customer: EOG RESOURCES INC EBUSINESS				Customer Rep: Sessions, Jackie									
Well Name: Cynthia			Well #: 35#2		API/UWI #:								
Field:		City (SAP): ARTESIA		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: BLAKEY, JOSEPH			Srcv Supervisor: BRINKMAN, BENNETT			MBU ID Emp #: 414024							
Job Personnel													
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #						
BRINKMAN, BENNETT Wade		8	414024	SLATER, JOE P		8	106095						
				TURNER, DANIEL		8	461812						
Equipment													
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						
06-18-2010	8		3										
TOTAL				<i>Total is the sum of each column separately</i>									
Job													
Formation Name				Job Times									
Formation Depth (MD) Top		Bottom		Called Out	Date	Time	Time Zone						
Form Type		BHST		On Location	28 - Jun - 2010	03:00	CST						
Job depth MD		6171	Job Depth TVD	Job Started	28 - Jun - 2010	08:30	CST						
Water Depth		Wk Ht Above Floor		Job Completed	28 - Jun - 2010	14:47	CST						
Perforation Depth (MD) From		To		Job Completed	28 - Jun - 2010	16:24	CST						
				Departed Loc	28 - Jun - 2010	17:15	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		
7 7/8 Open Hole				7.875				1700.	6200.				
5 1/2 Production Casing	Unknow n		5.5	4.95	15.5				6200.				
8 5/8 Surface Casing	Unknow n		8.625	8.097	24.			1700.					
Sales/Rental/3rd Party (HES)													
Description				Qty	Qty uom	Depth	Supplier						
CENTRALIZER ASSY - TURBO - API -				24	EA								
CLAMP - LIMIT - 5-1/2 - HINGED -				3	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	

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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	POZ STANDARD 50/50 - SBM (12308)	125.0	sacks	13.5	1.75	8.43		8.43	
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)								
	10 %	SALT, 100 LB BAG (100003652)								
	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)								
	8.434 Gal	FRESH WATER								
2	2% KCL Displacement		147.00	bbl	8.45	.0	.0	.0		
	167 lbm/Mgal	POTASSIUM CHLORIDE - KCL, 50 LB BAG (100001585)								
3	Rat Hole Plug Cement	POZ STANDARD 50/50 - SBM (12308)	50.0	sacks	13.5	1.75	8.43		8.43	
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)								
	10 %	SALT, 100 LB BAG (100003652)								
	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)								
	8.434 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	0 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 #: 2790862	Quote #:	Sales Order #: 7465646
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep: Sessions, Jackie	
Well Name: Cynthia	Well #: 35#2	API/UWI #:	
Field:	City (SAP): ARTESIA	County/Parish: Stevens	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 Production Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: BLAKEY, JOSEPH	Srv Supervisor: BRINKMAN, BENNETT	MBU ID Emp #: 414024	

Activity Description	Date/Time	Cnt #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	06/28/2010 03:00							
Depart Yard Safety Meeting	06/28/2010 05:00							BULK COMING FROM HUGOTON. WENT OVER ROUTE WITH PUMP OPERATOR. LONG DRIVE TOLD HIM TO PULL OVER IF TIRED.
Depart from Service Center or Other Site	06/28/2010 05:15							CALLED DISPATCH TO LET THEM WE WERE LEAVING THEN LEFT YARD
Arrive at Location from Service Center	06/28/2010 08:30							ARRIVED ON LOCATION, CALLED DISPATCH TO LET THEM KNOW WE WERE ON LOCATION WENT OVER NUMBERS WITH CO MAN. SPOTTED PUMP AND BULK TRUCKS
Safety Meeting - Pre Rig-Up	06/28/2010 08:40							
Rig-Up Equipment	06/28/2010 08:45							
Wait on Customer or Customer Sub-Contractor Equip	06/28/2010 09:10							RUNNING CASING STOPPING TO CIRCULATE EVERY 30 JOINTS
Other	06/28/2010 13:45							STAB HEAD RIG GOING TO CIRCULATE FOR 1 HOUR
Pre-Job Safety Meeting	06/28/2010 14:40							

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Test Lines	06/28/2010 14:47						4500.0	
Pump Lead Cement	06/28/2010 14:50		6	39			450.0	50/50 POZ STANDARD
Shutdown	06/28/2010 14:58							SWITCH OVER TO WASH OUT LINE
Other	06/28/2010 14:59							WASH PUMPS AND LINES
Drop Plug	06/28/2010 15:19							5 1/2 PLUG LEFT HEAD
Pump Displacement	06/28/2010 15:20		10	135			450.0	WATER WITH KCL POTASSIUM CHLORIDE
Other	06/28/2010 15:37		4	10			800.0	SLOWED TO 4 BPM
Bump Plug	06/28/2010 15:40						1723.0	
Check Floats	06/28/2010 15:45							FLOATS HELD 1.5 BBL BACK
Other	06/28/2010 15:55							SWITCH OVER TO PIPE TO FILL MOUSE AND RAT HOLES
Pump Cement	06/28/2010 16:00		3	6			258.0	50/50 POZ 13.5 FILL MOUSE HOLE
Pump Cement	06/28/2010 16:15		3	10			234.0	50/50 POZ FILL RAT HOLE
Clean Lines	06/28/2010 16:24							CLEAN PUMPS AND LINES
Safety Meeting - Pre Rig-Down	06/28/2010 16:30							
Rig-Down Equipment	06/28/2010 16:45							
Pre-Convoy Safety Meeting	06/28/2010 17:00							WENT OVER ROUTE BACK TO HUGOTON WITH BULK DRIVER AND TO WOODWARD WITH PUMP OPERATOR
Depart Location for Service Center or Other Site	06/28/2010 17:15							CALLED DISPATCH TJEN LEFT LOCATION

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Sold To #: 348223

Ship To #: 2790852

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Weatherford® Completion Systems

DRILL STEM TEST REPORT

Prepared For: **EOG Resources, INC.**

3817 NW Expressway # 500 OKC, OK 73112

ATTN: Jackie Sessions

35/31/39

Cynthia 35-2

Start Date: 2010.06.26 @ 05:38:10

End Date: 2010.06.26 @ 18:28:58

Job Ticket #: 37545 DST #: 1

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



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DRILL STEM TEST REPORT

EOG Resources, INC.

Cynthia 35-2

3817 NW Expressway # 500 OKC, OK 73112

35/31/39

Job Ticket: 37545

DST#: 1

ATTN: Jackie Sessions

Test Start: 2010.06.26 @ 05:38:10

GENERAL INFORMATION:

Formation: **Upper St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:58:49
 Time Test Ended: 18:28:58

Test Type: Conventional Bottom Hole
 Tester: Chris Hagman
 Unit No: 34

Interval: **6010.00 ft (KB) To 6035.00 ft (KB) (TVD)**
 Total Depth: 6035.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches -hole Condition: Good

Reference Elevations: 3199.00 ft (KB)
 3188.00 ft (CF)
 KB to GR/CF: 11.00 ft

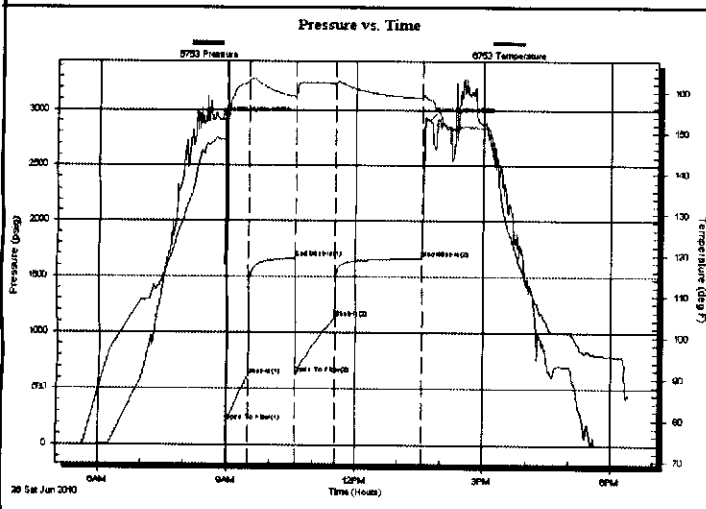
Serial #: 6753

Inside

Press@RunDepth: 1121.60 psig @ 6012.00 ft (KB)
 Start Date: 2010.06.26 End Date: 2010.06.26
 Start Time: 05:38:10 End Time: 18:28:58

Capacity: 8000.00 psig
 Last Calib.: 2010.06.26
 Time On Btm: 2010.06.26 @ 08:54:09
 Time Off Btm: 2010.06.26 @ 13:42:39

TEST COMMENT: IF: BOB 1 min., strong steady blow
 IS: Blow back 10 sec., BOB 10 min., GTS 20 min.
 FF: BOB GTS ASAO, strong steady blow
 FSI:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2906.13	148.33	Initial Hydro-static
5	208.50	146.02	Open To Flow (1)
36	609.97	162.27	Shut-In(1)
102	1660.21	158.86	End Shut-In(1)
102	630.42	158.85	Open To Flow (2)
158	1121.60	162.15	Shut-In(2)
281	1662.18	158.61	End Shut-In(2)
289	2906.93	158.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3250.00	gassy oil 40%G,60%O	42.22

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	5.00	7.26
Max. Gas Rate	0.13	5.00	7.26



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DRILL STEM TEST REPORT

TOOL DIAGRAM

EOG Resources, INC.

Cynthia 35-2

3817 NW Expressway # 500 OKC, OK 73112

35/31/39

Job Ticket: 37545

DST#: 1

ATTN: Jackie Sessions

Test Start: 2010.06.26 @ 05:38:10

Tool Information

Drill Pipe:	Length: 5618.00 ft	Diameter: 3.80 inches	Volume: 78.81 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: 20000.00 lb
Drill Collar:	Length: 370.00 ft	Diameter: 2.25 inches	Volume: 1.82 bbl	Weight to Pull Loose: 130000.0 lb
			Total Volume: 80.63 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 94000.00 lb
Depth to Top Packer:	6010.00 ft			Final 105000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5980.00	
Shut In Tool	5.00			5985.00	
Sampler	3.00			5988.00	
Hydraulic tool	5.00			5993.00	
Jars	5.00			5998.00	
Safety Joint	3.00			6001.00	
Packer - Shale	5.00			6006.00	
Packer	4.00			6010.00	31.00 Bottom Of Top Packer
Stubb	1.00			6011.00	
Perforations	1.00			6012.00	
Recorder	0.00	8374	inside	6012.00	
Recorder	0.00	6753	inside	6012.00	
Perforations	20.00			6032.00	
Bullnose	3.00			6035.00	25.00 Anchor Tool

Total Tool Length: 56.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources, INC.

Cynthia 35-2

3817 NW Expressway # 500 OKC, OK 73112

35/31/39

Job Ticket: 37545

DST#: 1

ATTN: Jackie Sessions

Test Start: 2010.06.26 @ 05:38:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 cm³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3250.00	gassy oil 40%G,60%O	42.218

Total Length: 3250.00 ft Total Volume: 42.218 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: API=35@90F=38api

Sampler=6.8CF Gas, 2000ml Oil, @ 400 psi



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DRILL STEM TEST REPORT

GAS RATES

EOG Resources, INC.

Cynthia 35-2

3817 NW Expressway # 500 OKC, OK 73112

35/31/39

Job Ticket: 37545

DST#: 1

ATTN: Jackie Sessions

Test Start: 2010.06.26 @ 05:38:10

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)
2	10	0.13	5.00	7.26
2	20	0.13	5.00	7.26
2	30	0.13	5.00	7.26
2	40	0.13	5.00	7.26
2	50	0.13	5.00	7.26
2	60	0.13	5.00	7.26
2	60	0.13	5.00	7.26

