

WELL COMPLETION FORM

ORIGINAL

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5278

Name: EOG Resources, Inc.

Address 3817 NW Expressway, Suite 500

City/State/Zip Oklahoma City, Oklahoma 73112

Purchaser: DUKE ENERGY FIELD SERVICES

Operator Contact Person: MINDY BLACK

Phone (405) 246-3130

Contractor: Name: CHEYENNE DRILLING LP

License: 33375

Wellsite Geologist: _____

Designate Type of Completion _____

X Horizontal New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SIOW _____ Temp. Abd.

X Gas _____ ENHR _____ SIGW

_____ 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./SWD

_____ Plug Back _____ Plug Back Total Depth _____

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Enhr?) _____ Docket No. _____

1/18/06 1/29/06 2/20/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API NO. 15- 025-21335-01-00

County CLARK

N/2 SW SE Sec. 23 Twp. 34 S. R. 24 E W

910 Feet from S/N (circle one) Line of Section

1980 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name GARDINER Well # 23 #3H

Field Name _____

Producing Formation CHESTER

Elevation: Ground 1909' Kelley Bushing 1921'

Total Depth TVD 5487 MD Plug Back Total Depth 7201'

7244'

Amount of Surface Pipe Set and Cemented at 819' Feet

Multiple Stage Cementing Collar Used? _____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to ALT II - Dg - 9/19/08 sx crnt.

Drilling Fluid Management Plan

(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. _____ E W

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 Mindy Black

Title Operations Assistant Date 4-24-06

Subscribed and sworn to before me this 24TH day of APRIL, 2006.

Notary Public Heather Nealson
HEATHER NEALSON
Cleveland County
Notary Public in and for
State of Oklahoma
Commission # 04003796 Expires 4/26/08

Date Commission Expires 4-26-08

KCC Office Use ONLY

N Letter of Confidentiality Attached
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

Operator Name EOG RESOURCES, INC.

Lease Name GARDINER

Well # 23 #3H

Sec. 23 Twp. 34 S.R. 24 East West

County CLARK

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:

NO LOGS RAN

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
CONDUCTOR	17 1/2	13 3/8	48#	231'	MIDCON PP &		SEE OMT TIX
SURFACE	12 1/4	9 5/8	36#	819'	MIDCON PP &		SEE OMT TIX
PRODUCTION	8 3/4	4 1/2	10.5#	7244'	50/50POZPR	695	SEE OMT 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
6	5788' - 7150'	25400# 20/40 WHITE SAND, 108000g.	5788-7150
		GELLED 15% HCL, 184285g 2% KCL WTR	

TUBING RECORD Size 2 3/8 Set At 5392' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 2/20/06 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	531	45		6876

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled Other (Specify) _____

(If vented, submit ACO-18.)

ACO-1			
Well Name : Gardiner 23 #3H			
FORMATION	TVD	MD	SubSea
Cherokee	5237'	5268'	-3312
Morrow	5472'	5678'	-3547
Chester	5485'	5723'	-3560

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 25 2006
 CONSERVATION DIVISION
 WICHITA, KS

HALLIBURTON JOB SUMMARY

REGION NORTH AMERICA LAND	NWA / COUNTRY Central / USA	SALES ORDER NUMBER 4169259	TICKET DATE 01/18/06
MBU ID / EMPL # MCLI0104 212723	H.E.S. EMPLOYEE NAME JERRAKO EVANS	BDA / STATE MC / KS	COUNTY CLARK
LOCATION LIBERAL	COMPANY EOG RESOURCES	PSL DEPARTMENT ZI / CEMENT	RECEIVED KANSAS CORPORATION COMMISSION APR 25 2006
TICKET AMOUNT \$14,163.72	WELL TYPE OIL	CUSTOMER REP / PHONE CARL HANKS	
WELL LOCATION ENGLEWOOD, KS	DEPARTMENT CEMENT	SAP BOMB NUMBER 14161	Description CONSERVATION DIVISION Cement Conductor WASHA, KS
LEASE NAME GARDINER	Well No. 23#3H	SEC / TWP / RNG 23-34S-24W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	7.0			
Buttry, C 317429	7.0			
Chavez, I 340270	7.0			
Milbourn, W 321935	6.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415642	130			
10219237	130			
10011406-10011272	65			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **350**

Date	Called Out	On Location	Job Started	Job Completed
	1/18/2006	1/18/2006	1/18/2006	1/18/2006
Time	0300	0700	1240	1400

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	H
Float Shoe BASKET	1	
Centralizers S-4	3	A
Top Plug HWE	1	
HEAD PC	1	L
Limit clamp	1	
Weld-A	1	C
Guide Shoe REG	1	
BTM PLUG		O

Well Data

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing NEW	48.0	13 3/8		KB	235	
Liner					231	
Liner						
Tubing						
Drill Pipe						
Open Hole		17 1/2			235	Shots/Ft.
Perforations					231	
Perforations						
Perforations						

Materials

Mud Type	Density	SPUD	Lb/Gal
Disp. Fluid			
Prop. Type	Size	Lb	
Prop. Type	Size	Lb	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
Breaker	Gal/Lb	In	
Blocking Agent	Gal/Lb		
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location

Date	Hours
1/18	7.0
Total	7.0

Operating Hours

Date	Hours
1/18	11.0
Total	11.0

Description of Job
Cement Conductor Casing

SEE JOB PROCEDURE

Ordered _____ Hydraulic Horsepower _____
 Avail. _____ Used _____
 Treating _____ Average Rates in BPM _____
 Disp. _____ Overall _____
 Feet **47** Cement Left in Pipe _____
 Reason _____ SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	130	MIDCON PP	3% CC - 1/4# FLOCELE - .1% FWCA	18.19	2.96	11.40
2	125	PREM PLUS	2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3						
4						

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns-YES	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal
Cmt Rtn#Bbl	Lost Returns-NO	Excess /Return BBI	Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:	Actual Disp. 28
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	Disp:Bbl
	5 Min. 15 Min.	Cement Slurry: BBI	99.0
		Total Volume BBI	

Frac Ring #1 _____ | Frac Ring #2 _____ | Frac Ring #3 _____ | Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____

APR 25 2006

HALLIBURTON JOB LOG		TICKET # 4169259	TICKET DATE 01/18/06	CONSERVATION DIVISION WICHITA, KS
REGION NORTH AMERICA LAND		NWA / COUNTRY Central / USA		BDA / STATE MC / KS
MBU ID / EMPL # MCLI0104 212723		H.E.S EMPLOYEE NAME JERRAKO EVANS		COUNTY CLARK
LOCATION LIBERAL		PSL DEPARTMENT ZI / CEMENT		CUSTOMER REP / PHONE CARL HANKS
TICKET AMOUNT \$14,163.72		WELL TYPE OIL		APIAUM #
WELL LOCATION ENGLEWOOD, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Conductor Casing
LEASE NAME GARDINER		Well No. 23#3H	SEC / TWP / RNG 23-34S-24W	
		RES FACILITY (CLOSEST TO WELL S) LIBERAL		

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Evans, J 212723	7						
Buttry, C 317429	7						
Chavez, I 340270	7						
Milbourn, W 321935	8						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	0300							CALLED OUT FOR JOB
	0700							JOB READY
	0430							PRE- TRIP SAFETY MEETING
	0830							PUMP TRUCK ON LOCATION
								JOB SITE ASSESMENT/ GO OVER JSA
	0645							RIG UP PUMP TRUCK
								RIG STILL DRILLING
	0930							START PULLING DP
	1030							RIG UP CASING CREW
	1115							START RUNNING CASING & FE (13 3/8)
								CASING ON BOTTOM (233 FT)
								HOOK UP PC & CIRC IRON/ CIRC WITH RIG PUMP
								HOOK UP TO PT
	1243				1200			TEST LINES
	1247	4.0	69.0		90			START MIXING LEAD @11.4# (130 SX MIDCON PP)
	1303	4.0	30.0		125			START MIXING TAIL @14.8# (125 SX PP)
	1312							SHUT DOWN/ DROP PLUG
	1313	6.0	0-		70			START DISP WITH FRESH WATER
	1321	2.0	20.0		80			SLOW RATE 10 BBL LEFT ON DISP
	1325	2.0	29.0		400			BUMP PLUG
	1326				400-0			RELEASE FLOAT HELD
								CIRC CMT TO PIT
								THANKS FOR CALLING HALLIBURTON
								JERRAKO & CREW

HALLIBURTON JOB SUMMARY

REGION NORTH AMERICA LAND		NWA / COUNTRY Central / USA		SALES ORDER NUMBER 4172057	TICKET DATE 01/19/06
MBU ID / EMPL # MCL10104 212723		H.E.S. EMPLOYEE NAME JERRAKO EVANS		BDA / STATE MC / KS	COUNTY CLARK
LOCATION LIBERAL		COMPANY EOG RESOURCES		PEL DEPARTMENT ZI / CEMENT	CUSTOMER REP / PHONE CARL HANKS 580-243-9016
TICKET AMOUNT \$12,879.35		WELL TYPE OIL		API/AMI #	
WELL LOCATION ENGLEWOOD, KS		DEPARTMENT CEMENT		SAP BOMB NUMBER 7521	Description Cement Surface Casing
LEASE NAME GARDINER	Well No. 2468932	SEC / TWP / RNG 23 - 34S - 24W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL		

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	11.0			
Buttry, C 317429	11.0			
Chavez, I 340270	11.0			
Lopez, C 321975	10.0			

RECEIVED
KANSAS CORPORATION COMMISSION
APR 25 2006

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415642	130			
10219237	130			
10243558-10011278	65			

CONSERVATION DIVISION
WICHITA, KS

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **800 FT**

Date	Called Out	On Location	Job Started	Job Completed
	1/18/2006	1/19/2006	1/19/2006	1/19/2006
Time	2200	0200	1130	1300

Type and Size	Qty	Make
Float Collar SSII	1	H
Float Shoe BASKET	1	
Centralizers S-4	6	A
Top Plug HWE	1	
HEAD PC	1	L
Limit clamp	1	
Weld-A	2	C
Guide Shoe TT	1	
BTM PLUG		O

Well Data		New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	36#	9 5/8"		KB	820		
Liner								
Liner								
Tubing								
Drill Pipe								
Open Hole			12 1/4"			820		Shots/Ft.
Perforations								
Perforations								
Perforations								

Materials			
Mud Type	Density	SPUD	Lb/Gal
Disp. Fluid	Density		Lb/Gal
Prop. Type	Size	Lb	
Prop. Type	Size	Lb	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
Breaker	Gal/Lb	In	
Blocking Agent	Gal/Lb		
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/19	11.0	1/19	15.0	Cement Surface Casing
Total	11.0	Total	15.0	

Ordered	Hydraulic Horsepower	Used
	Avail.	
Treating	Average Rates in BPM	Overall
	Disp.	
Feet 43	Cement Left in Pipe	Reason
		SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	105	MIDCON PP	3% CC - 1/4# FLOCELE - .1% FWCA	18.19	2.96	11.40
2	125	PREM PLUS	2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3			TAKE 25 LBS SUGAR FOR STEEL PITS			
4						

Summary					
Circulating Breakdown	Displacement	Preflush: BBI	Type:		
Lost Returns-YES	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl - Gal		
Cmt Rtm#Bbl	Lost Returns-NO	Excess /Return BBI	Calc.Disp Bbl		
Average	Actual TOC	Calc. TOC:	Actual Disp.	80	
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBI	Disp:Bbl		
	5 Min.	Cement Slurry: BBI			
	15 Min.	Total Volume BBI			

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
--------------	--------------	--------------	--------------

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE

HALLIBURTON JOB LOG

TICKET # 4172057		TICKET DATE 01/19/06	
REGION NORTH AMERICA LAND		NWA / COUNTRY Central / USA	
MBU ID / EMPL # MCLI0104 212723		H.E.S EMPLOYEE NAME JERRAKO EVANS	
LOCATION LIBERAL		BDA / STATE MC / KS	
TICKET AMOUNT \$12,879.35		COUNTY CLARK	
WELL LOCATION ENGLEWOOD, KS		PSL DEPARTMENT ZI / CEMENT	
LEASE NAME GARDINER	WELL TYPE OIL	CUSTOMER REP / PHONE 3 CARL HANKS 580-243-9016	
Well No. 23#3H	DEPARTMENT CEMENT	API/WWI # LIBERAL	
SEC / TWP / RING 23 - 34S - 24W	JOB PURPOSE CODE Cement Surface Casing		
HES FACILITY (CLOSEST TO WELL S) LIBERAL			

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Evans, J 212723	11						
Buttry, C 317429	11						
Chavez, I 340270	11						
Lopez, C 321975	10						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG.	Tbg	Tbg	
	2200							CALLED OUT FOR JOB
	0200							JOB READY
	2330							PRE- TRIP SAFETY MEETING
	0100							PUMP TRUCK ON LOCATION
								JOB SITE ASSESMENT/ GO OVER JSA
	0115							RIG UP PUMP TRUCK
								RIG STILL DRILLING
	0830							START PULLING DP
	0930							RIG UP CASING CREW
	0945							START RUNNING CASING & FE (9 5/8)
	1105							CASING ON BOTTOM (820 FT)
	1110							HOOK UP PC & CIRC IRON/ CIRC WITH RIG PUMP
								HOOK UP TO PT
	1141					2000		TEST LINES
	1145	5.0	55.0		100			START MIXING LEAD @11.4# (105 SX MIDCON PP)
	1156	6.0	30.0		200			START MIXING TAIL @14.8# (125 SX PP)
	1202							SHUT DOWN/ DROP PLUG
	1203	6.0	0-		300			START DISP WITH FRESH WATER
	1216	2.0	50.0		275			SLOW RATE 10 BBL LEFT ON DISP
	1221	2.0	60.0		800			BUMP PLUG
	1222							RELEASE FLOAT HELD
								CIRC CMT TO PIT
								RECEIVED KANSAS CORPORATION COMMISSION APR 2 5 2006 CONSERVATION DIVISION WICHITA, KS
								THANKS FOR CALLING HALLIBURTON
								JERRAKO & CREW

HALLIBURTON JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Contintent/USA	SALES ORDER NUMBER 4190480	TICKET DATE 01/29/06
WBU ID / EMPL # MCLO103 106009	H.E.S. EMPLOYEE NAME BRIAN MCINTYRE	BDA / STATE MC/Ks	COUNTY CLARK
LOCATION LIBERAL	COMPANY EOG RESOURCES	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE CARL HANKS 580-243-9016
TICKET AMOUNT \$32,307.09	WELL TYPE 02 Gas	API/UWI #	
WELL LOCATION E.ENGLEWOOD,KS	DEPARTMENT CEMENT	SAP BOMB NUMBER 7523	Cement Production Casing
LEASE NAME GARDINER	Well No. 23#3H	SEC / TWP / RNG 23 - 34S - 24W	HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks.

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS
McIntyre, B 106099	5.0	Weiman R 316572	3.0
Evans, J 212723	5.0		
Humphries, G 106085	5.0		
Torres, C 344233	3.0		

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	H.E.S. UNIT #S / (R / T MILES)	R / T MILES
10011407-10010921			
10011406-10011591			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	1/29/2006	1/29/2006	1/29/2006	1/29/2006
Time	0445	0830	1135	1251

Tools and Accessories

Type and Size	Qty	Make
Float Collar SS II	1	HOWCO
Float Shoe HIGH PORT UJ	1	HOWCO
Centralizers		HOWCO
Top Plug HWE	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp 4 1/2	1	HOWCO
Weld-A HOWCO	2	HOWCO
Guide Shoe 4 1/2 BALL	1	HOWCO
BTM PLUG HWE	1	HOWCO

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		10.5#	4 1/2"		KB	7,245	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4			7,244	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/29				Cement Production Casing RECEIVED KANSAS CORPORATION COMMISSION APR 25 2006 CONSERVATION DIVISION WICHITA, KS
Total		Total		

Ordered _____ Hydraulic Horsepower Avail. _____ Used _____
 Treating _____ Average Rates in BPM Disp. _____ Overall _____
 Feet 42 Cement Left in Pipe _____ Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	895	0/50 POZ PREP		5% CALSEAL - 2 1/2# PRESSURE SEAL - .6% HALAD-344 -	6.51	1.39	13.90
2				DISPLACEMENT - PUMP 8 BPM AND SLOWDOWN TO 5 BPM			
3				HOOKUP FLOOR MANIFOLD SO RIG CAN PUMP THROUGH OUR LINES A			
4				DROP BOTTOM PLUG - PUMP MUDFLUSH - PUMP CEMENT - PUMP 2 BBI			

Summary

Circulating Breakdown	Displacement	Preflush: BBI	12.00	Type: MUD FLUSH
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
Cmt Rtn#Bbl	Actual TOC	Excess /Return BBI		Calc. Disp Bbl 111.6
Average	Frac. Gradient	Calc. TOC:		Actual Disp. 112
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI		Disp: Bbl 111.60
		Cement Slurry BBI	172.0	
		Total Volume BBI	295.60	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

Thomas W. Hanks
 SIGNATURE

HALLIBURTON JOB LOG				TICKET #	TICKET DATE
				4190480	01/29/06
REGION		NWA / COUNTRY		BDA / STATE	COUNTY
Central Operations		Mid Continent/USA		MC/Ks	CLARK
MBU ID / EMPL #		H.E.S EMPLOYEE NAME		PSL DEPARTMENT	
MCLIO103 106009		BRIAN MCINTYRE		Cement	
LOCATION		COMPANY		CUSTOMER REP / PHONE	
LIBERAL		EOG RESOURCES		CARL HANKS 580-243-9016	
TICKET AMOUNT		WELL TYPE		API/UWI #	
\$32,307.09		02 Gas			
WELL LOCATION		DEPARTMENT		JOB PURPOSE CODE	
E.ENGLEWOOD,KS		CEMENT		Cement Production Casing	
LEASE NAME		SEC / TWP / RNG		HES FACILITY (CLOSEST TO WELL'S	
GARDINER		23 - 34S - 24W		Liberal Ks.	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
McIntyre, B 106099	5	Weiman R 315572	5				
Evans, J 212723	5						
Humphries, G 106085	5						
Torres, C 344233	3						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate			Press.(PSI)			Job Description / Remarks
				N2	CSG	Tdg	N2	CSG	Tdg	
	0445									CALLED OUT FOR JOB
	0530									PRE TRIP SAFETY MEETING
	0830									ON LOCATION RIG CIRC ON BOTTOM
	0845									ACCESS LOCATION—REVIEW JSA
	0900									SET UP UNITS
	1120									SAFETY MEETING
	1130									THROUGH CIRC
	1130									HOOK LINES TO PUMP TRUCK
										RECEIVED KANSAS CORPORATION COMMISSION APR 25 2006 CONSERVATION DIVISION WICHITA, KS
										JOB PROCEDURE
	1135									PRESSURE TEST 4000 PSI
	1143	3.0	12.0				500			START MUD FLUSH
	1145	3.0					450			RELEASE BOTTOM PLUG
	1148	5.0	12.0				550			FINISH PUMPING MUD FLUSH
	1149	5.0	172.0				250			START 695 SKS CEMENT @ 13.9#GAL
	1226									SHUT DOWN WASH PUMPS AND LINES
	1231	8.0	114.5				250			START DISPLACEMENT
	1237	8.0	114.5				250-450			50 BBLs IN LIFT CEMENT
	1241	5.0	114.5				1000			SLOW RATE LAND PLUG
	1249	5.0	114.5				1100-1750			LAND PLUG
	1250						1750-0			RELEASE—HELD
	1251									JOB OVER
										THANKS FOR CALLING HALLIBURTON BRIAN MCINTYRE @ CREW

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect	
4850.00	0.27	320.22	4849.88	3.06 S	20.00 E	0.00	9.46	Tie - In Gyro
4872.00	0.10	214.60	4871.88	3.04 S	19.96 E	1.42	9.45	Begin MWD Svy's - INTEQ
4901.00	0.40	337.80	4900.88	2.96 S	19.90 E	1.59	9.48	
4933.00	2.80	26.70	4932.87	2.16 S	20.21 E	7.98	10.31	
4964.00	6.30	28.50	4963.76	0.01 N	21.36 E	11.30	12.74	
4995.00	10.70	32.00	4994.42	3.95 N	23.70 E	14.28	17.30	
5026.00	14.50	33.00	5024.66	9.65 N	27.34 E	12.28	24.04	
5058.00	17.90	32.70	5055.39	17.15 N	32.18 E	10.63	32.95	
5090.00	21.50	33.00	5085.51	26.20 N	38.03 E	11.25	43.71	
5121.00	24.90	34.10	5114.00	36.38 N	44.79 E	11.06	55.90	
5153.00	28.80	34.80	5142.54	48.29 N	52.97 E	12.23	70.34	
5184.00	32.40	34.80	5169.22	61.24 N	61.97 E	11.61	86.11	
5216.00	35.50	35.80	5195.76	75.82 N	72.30 E	9.84	103.98	
5247.00	37.10	37.60	5220.75	90.53 N	83.27 E	6.20	122.33	
5278.00	39.30	38.00	5245.11	105.68 N	95.02 E	7.14	141.49	
5310.00	41.60	38.00	5269.46	122.04 N	107.81 E	7.19	162.25	
5341.00	44.10	38.30	5292.18	138.61 N	120.83 E	8.09	183.32	
5372.00	46.80	37.60	5313.93	156.04 N	134.41 E	8.86	205.40	
5403.00	49.50	37.60	5334.61	174.33 N	148.50 E	8.71	228.49	
5435.00	52.40	37.30	5354.77	194.06 N	163.61 E	9.09	253.33	
5466.00	54.80	36.90	5373.16	213.96 N	178.66 E	7.81	278.28	
5498.00	56.80	36.90	5391.15	235.12 N	194.55 E	6.25	304.75	
5529.00	59.20	35.80	5407.57	256.29 N	210.12 E	8.31	331.03	
5561.00	61.40	34.80	5423.43	278.98 N	226.18 E	7.39	358.82	
5592.00	63.40	34.80	5437.79	301.54 N	241.86 E	6.45	386.28	
5622.00	65.30	35.10	5450.78	323.70 N	257.35 E	6.40	413.31	
5653.00	67.90	35.50	5463.09	346.92 N	273.79 E	8.47	441.75	
5683.00	71.10	36.20	5473.59	369.69 N	290.25 E	10.89	469.84	
5713.00	73.90	36.60	5482.61	392.72 N	307.23 E	9.42	498.45	
5743.00	76.90	36.90	5490.17	415.98 N	324.60 E	10.05	527.48	
5775.00	79.40	37.30	5496.74	440.95 N	343.49 E	7.91	558.79	
5806.00	82.10	36.90	5501.73	465.35 N	361.94 E	8.80	589.39	
5838.00	83.80	36.90	5505.65	490.75 N	381.01 E	5.31	621.14	
5868.00	85.30	36.90	5508.50	514.63 N	398.94 E	5.00	651.01	
5899.00	86.00	36.90	5510.85	539.35 N	417.50 E	2.26	681.92	
5931.00	87.00	36.90	5512.81	564.89 N	436.67 E	3.12	713.86	
5962.00	88.20	37.30	5514.11	589.59 N	455.36 E	4.08	744.83	
5993.00	89.60	37.60	5514.70	614.20 N	474.20 E	4.62	775.82	
6022.00	90.40	38.00	5514.70	637.11 N	491.98 E	3.08	804.81	
6053.00	91.60	38.00	5514.16	661.54 N	511.06 E	3.87	835.80	
6085.00	92.80	37.60	5512.93	686.80 N	530.66 E	3.95	867.76	
6116.00	93.50	36.90	5511.23	711.44 N	549.39 E	3.19	898.71	
6147.00	94.10	36.60	5509.17	736.23 N	567.90 E	2.16	929.65	
6179.00	94.20	36.60	5506.86	761.85 N	586.93 E	0.31	961.56	
6210.00	94.30	36.60	5504.56	786.67 N	605.36 E	0.32	992.48	
6242.00	94.40	36.90	5502.13	812.23 N	624.45 E	0.99	1024.38	
6273.00	94.50	36.90	5499.73	836.95 N	643.01 E	0.32	1055.29	
6304.00	94.00	36.90	5497.43	861.67 N	661.57 E	1.61	1086.21	
6335.00	93.20	36.90	5495.48	886.41 N	680.15 E	2.58	1117.14	
6366.00	93.00	37.30	5493.81	911.10 N	698.82 E	1.44	1148.10	

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 25 2006
 CONSERVATION DIVISION
 WICHITA, KS

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 2005.68 on azimuth 36.56 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 36.58 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100ft	Vert Sect
6398.00	92.80	36.60	5492.19	936.64 N	718.03 E	2.27	1180.05
6429.00	92.30	36.20	5490.81	961.57 N	736.41 E	2.06	1211.02
6461.00	91.90	36.20	5489.64	987.37 N	755.30 E	1.25	1243.00
6492.00	91.70	35.00	5488.66	1012.57 N	773.33 E	3.92	1273.98
6524.00	91.30	35.50	5487.82	1038.69 N	791.79 E	2.00	1305.96
6555.00	88.90	35.10	5487.77	1063.99 N	809.71 E	7.85	1336.95
6586.00	88.30	35.10	5488.53	1089.34 N	827.53 E	1.94	1367.93
6617.00	88.30	35.10	5489.45	1114.70 N	845.34 E	0.00	1398.91
6647.00	88.60	35.50	5490.26	1139.17 N	862.67 E	1.67	1428.89
6679.00	89.30	35.50	5490.85	1165.22 N	881.25 E	2.19	1460.88
6710.00	90.00	35.50	5491.04	1190.46 N	899.25 E	2.26	1491.87
6742.00	90.40	35.10	5490.92	1216.57 N	917.74 E	1.77	1523.86
6773.00	90.50	35.10	5490.68	1241.93 N	935.57 E	0.32	1554.85
6804.00	90.40	35.50	5490.44	1267.23 N	953.48 E	1.33	1585.84
6835.00	90.50	35.50	5490.19	1292.47 N	971.48 E	0.32	1616.84
6866.00	90.40	35.10	5489.95	1317.77 N	989.40 E	1.33	1647.83
6898.00	90.40	35.10	5489.73	1343.95 N	1007.80 E	0.00	1679.82
6929.00	90.40	35.10	5489.51	1369.31 N	1025.62 E	0.00	1710.81
6960.00	90.50	35.10	5489.27	1394.67 N	1043.45 E	0.32	1741.79
6991.00	90.40	35.10	5489.02	1420.03 N	1061.27 E	0.32	1772.78
7022.00	90.50	35.10	5488.78	1445.40 N	1079.09 E	0.32	1803.77
7053.00	90.50	34.80	5488.51	1470.80 N	1096.85 E	0.97	1834.76
7085.00	90.40	35.10	5488.26	1497.03 N	1115.18 E	0.99	1866.74
7117.00	90.30	35.10	5488.06	1523.21 N	1133.58 E	0.31	1898.73
7148.00	90.40	34.80	5487.87	1548.62 N	1151.34 E	1.02	1929.72
7179.00	90.40	34.80	5487.66	1574.08 N	1169.03 E	0.00	1960.70 End Gyro Svy - INTEQ
7224.00	90.40	34.80	5487.34	1611.03 N	1194.72 E	0.00	2005.68 Bit Projection - TD

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 25 2006
 CONSERVATION DIVISION
 WICHITA, KS

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 2005.68 on azimuth 36.56 degrees from wellhead.
 Vertical section is from N 0.00 E 0.00 on azimuth 36.58 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ

APR 25 2006

CONSERVATION DIVISION
WICHITA, KS

E O G RESOURCES, INC.

Structure : Gardiner 23 #3H

Slot : slot #1

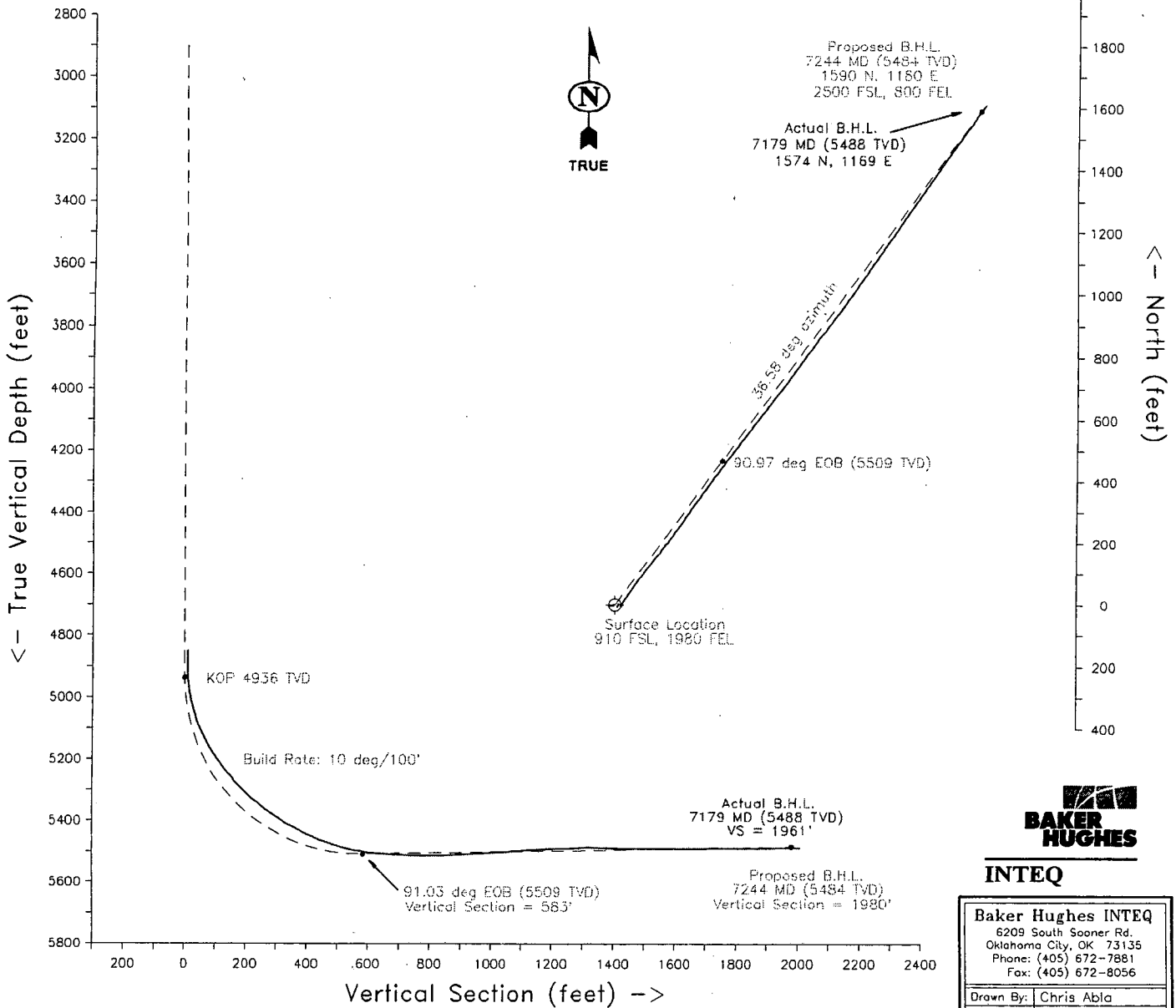
Field : CLARK COUNTY

Location : KANSAS

WELL PROFILE DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
Tie on	0.00	0.00	36.58	0.00	0.00	0.00	0.00	0.00
KOP	4936.25	0.00	36.58	4936.25	0.00	0.00	0.00	0.00
End of Build	5846.55	91.03	36.58	5509.11	468.37	347.59	583.26	10.00
T.D. & Target Proposed	7243.54	91.03	36.58	5484.00	1590.00	1180.00	1980.03	0.00

Revised 11/15/05 CA
Revised 12/8/05 CA
Revised 1/9/06 CA



Azimuth 36.58 with reference 0.00 N, 0.00 E from slot #1



INTEQ

Baker Hughes INTEQ	
6209 South Sooner Rd. Oklahoma City, OK 73135 Phone: (405) 672-7881 Fax: (405) 672-8056	
Drawn By:	Chris Abila
Date:	3/31/06
Approved:	

A Gyrodata Directional Survey

EOG Resources
 Lease: Gardiner Well: #23 - 3H, 4 1/2" Drillpipe
 Location: Cheyenne #5, Clark County, Kansas
 Job Number: OK0106GW118

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	AZIMUTH deg.	HORIZONTAL COORDINATES feet	
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0	0.0	0.00 N 0.00 E	
0 - 4850 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4 1/2" DRILLPIPE ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO CHEYENNE RIG #5 R.K.B. HEIGHT OF 16 FT									
200.00	0.08	150.30	S 29 42 E	0.04	200.00	0.1	150.3	0.12 S 0.07 E	
400.00	0.45	224.04	S 44 3 W	0.22	400.00	0.9	206.4	0.81 S 0.41 W	
600.00	0.12	233.89	S 53 54 W	0.17	599.99	1.9	216.7	1.50 S 1.12 W	
800.00	0.16	231.58	S 51 35 W	0.02	799.99	2.3	219.9	1.80 S 1.51 W	
1000.00	0.14	245.75	S 65 45 W	0.02	999.99	2.8	223.3	2.07 S 1.95 W	
1200.00	0.05	249.75	S 69 45 W	0.05	1199.99	3.2	225.7	2.21 S 2.26 W	
1400.00	0.10	208.23	S 28 14 W	0.04	1399.99	3.4	225.4	2.40 S 2.43 W	
1600.00	0.30	149.07	S 30 56 E	0.13	1599.99	3.8	216.7	3.01 S 2.25 W	
1800.00	0.29	159.23	S 20 46 E	0.03	1799.99	4.3	204.5	3.94 S 1.79 W	
2000.00	0.28	174.99	S 5 1 E	0.04	1999.99	5.1	197.8	4.89 S 1.57 W	
2200.00	0.34	216.68	S 36 41 W	0.11	2199.98	6.1	197.9	5.84 S 1.88 W	
2400.00	0.58	247.76	S 67 45 W	0.17	2399.98	7.4	205.3	6.69 S 3.17 W	
2600.00	0.73	245.37	S 65 22 W	0.08	2599.96	9.2	214.6	7.60 S 5.25 W	
2800.00	0.45	273.46	N 86 32 W	0.20	2799.95	10.8	221.7	8.09 S 7.19 W	
3000.00	0.33	301.80	N 58 12 W	0.11	2999.95	11.5	227.6	7.74 S 8.46 W	
3200.00	0.33	316.54	N 43 27 W	0.04	3199.95	11.7	233.1	7.02 S 9.34 W	
3400.00	0.37	358.87	N 1 8 W	0.13	3399.94	11.4	238.5	5.96 S 9.75 W	
3600.00	0.39	323.78	N 36 13 W	0.11	3599.94	11.2	244.8	4.77 S 10.16 W	
3800.00	0.17	314.65	N 45 21 W	0.11	3799.94	11.5	249.5	4.03 S 10.76 W	

RECEIVED
 KANSAS CORPORATION COMMISSION

APR 25 2006

CONSERVATION DIVISION
 WICHITA, KS

A Gyrodata Directional Survey

EOG Resources
 Lease: Gardiner Well: #23 - 3H, 4 1/2" Drillpipe
 Location: Cheyenne #5, Clark County, Kansas
 Job Number: OK0106GW118

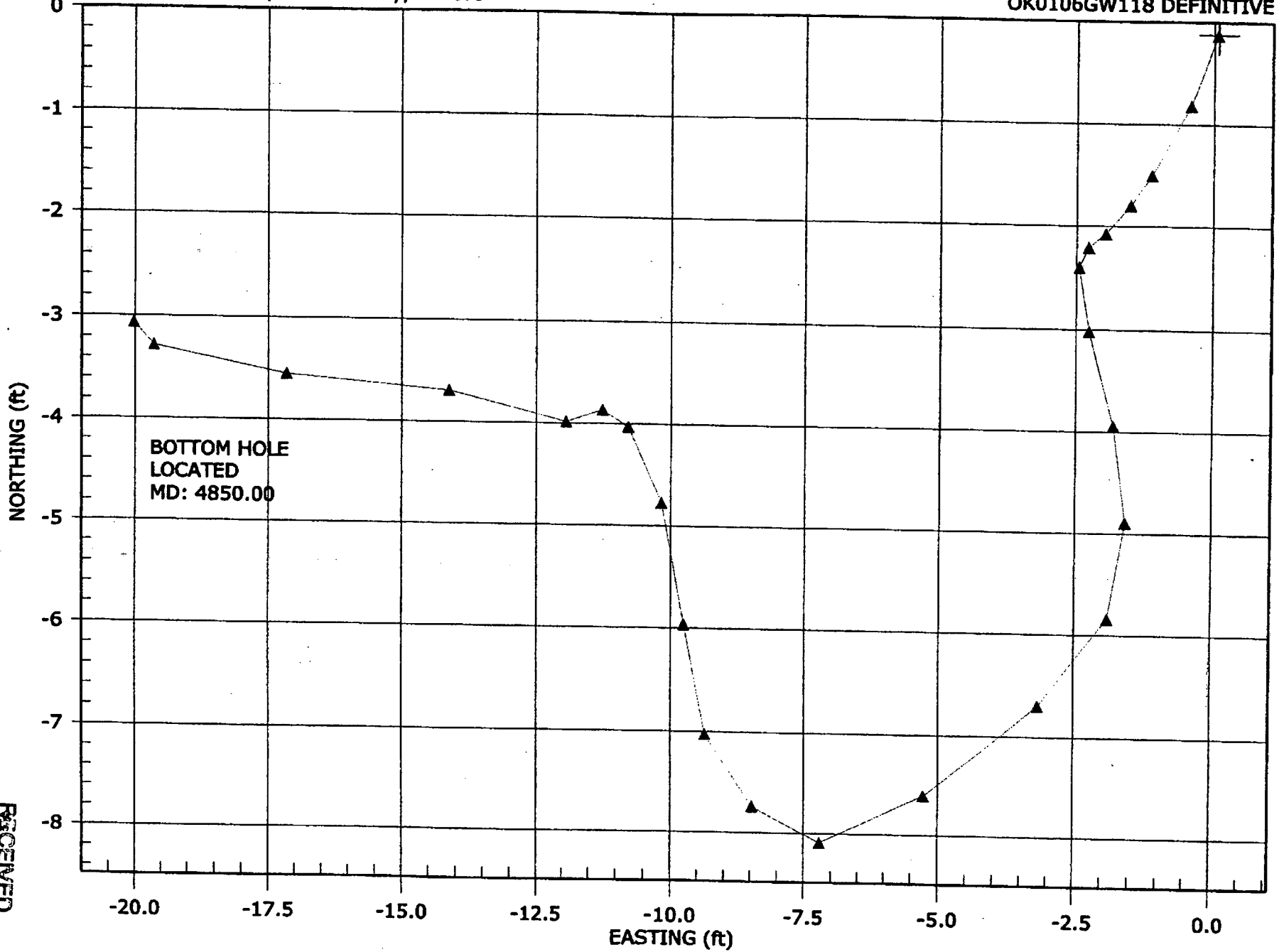
MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg/ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4000.00	0.15	261.54	S 81 32 W	0.07	3999.94	11.9 251.0	3.86 S 11.23 W
4200.00	0.25	259.33	S 79 20 W	0.05	4199.94	12.6 251.5	3.98 S 11.92 W
4400.00	1.04	281.90	N 78 6 W	0.41	4399.92	14.6 255.4	3.69 S 14.11 W
4600.00	0.74	259.62	S 79 37 W	0.23	4599.90	17.5 258.3	3.55 S 17.15 W
4800.00	0.75	292.49	N 67 31 W	0.21	4799.88	19.9 260.5	3.28 S 19.62 W
4850.00	0.27	320.22	N 39 47 W	1.06	4849.88	20.2 261.3	3.06 S 20.00 W

Final Station Closure: Distance: 20.23 ft Az: 261.30 deg.

RECEIVED
 KANSAS CORPORATION COMMISSION
 APR 25 2006
 CONSERVATION DIVISION
 WICHITA, KS

EOG Resources
Well: Gardiner #23 - 3H 4 1/2" Drillpipe
Location: Cheyenne #5, Clark County, Kansas

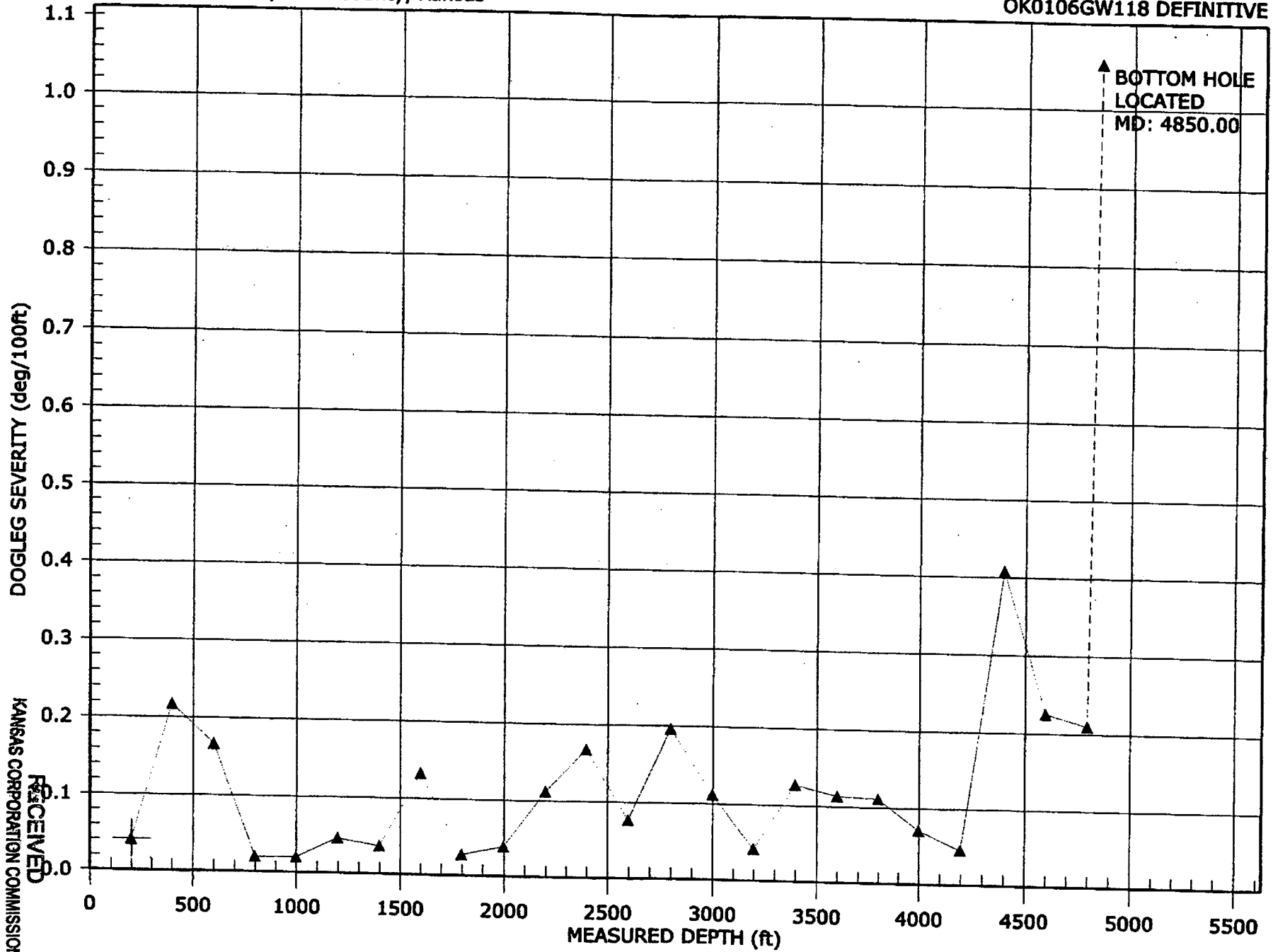
Outrun Gyrodata
OK0106GW118 DEFINITIVE



RECEIVED
KANSAS CORPORATION COMMISSION
APR 25 2006
CONSERVATION DIVISION
WICHITA, KS

EOG Resources
Well: Gardiner #23 - 3H 4 1/2" Drillpipe
Location: Cheyenne #5, Clark County, Kansas

Outrun
Gyrodata
OK0106GW118 DEFINITIVE

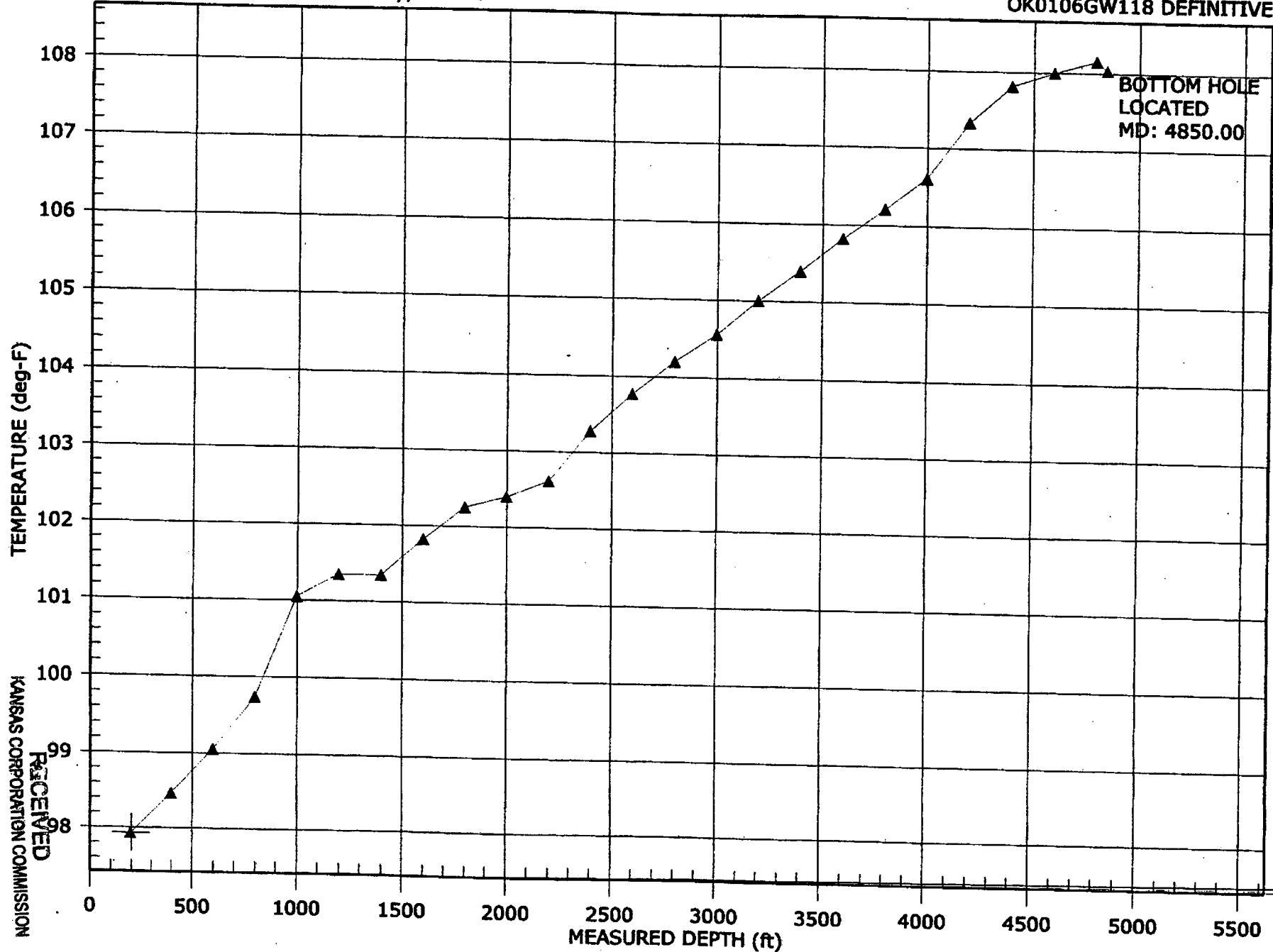


RECEIVED
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION -
WICHITA, KS

APR 25 2006

EOG Resources
Well: Gardiner #23 - 3H 4 1/2" Drillpipe
Location: Cheyenne #5, Clark County, Kansas

Outrun Gyrodata
OK0106GW118 DEFINITIVE



BOTTOM HOLE
LOCATED
MD: 4850.00

RECEIVED
KANSAS CORPORATION COMMISSION
APR 25 2006
CONSERVATION DIVISION
WICHITA, KS