

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008

Form must be Typed

5/17/12

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: TEPPCO CRUDE OIL, LLC

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. _____

1/22/2010 1/28/2010 4/20/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API NO. 15- 189-22685-00-00

Spot Description: _____

- W2 - W2 - NW Sec. 20 Twp. 33 S. R. 37 East West

1320 Feet from North / South Line of Section

330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County STEVENS

Lease Name AIRPORT Well # 20 #1

Field Name WILDCAT

Producing Formation MORROW

Elevation: Ground 3134' Kelley Bushing 3145'

Total Depth 6625' Plug Back Total Depth 6573' EST

Amount of Surface Pipe Set and Cemented at 1704 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 ATF IN 52570
(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 Date 5/11/2010

Subscribed and sworn to before me this 17th day of May 2010

Notary Public Diana Iglehear
DIANA IGLEHEAR
Notary Public
State of Oklahoma
Commission # 09906487 Expires 07/06/13

Date Commission Expires 7/6/13

KCC Office Use ONLY

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

Operator Name EOG RESOURCES, INC. Lease Name AIRPORT Well # 20 #1

Sec. 20 Twp. 33 S.R. 37 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 checked="" type="checkbox"/> Yes <input 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 INDUCTION, CALIPER, NEUTRON W/MICRO RESISTIVITY, COMPENSATED SONIC, GAMMA RAY, COLLAR LOCATOR & CEMENT BOND.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED SHEET
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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#	1704	MIDCON2	300	SEE ATTACHED
					CLASS 'A'	200	
PRODUCTION	7 7/8	5 1/2	15.5#	6618	POZ 50/50	180	SEE ATTACHED

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
4	6508-6518; CIBP @ 6470	ACIDIZE W/1000 GAL HCL.	6508-6518
3	6110-6145	ACIDIZE W/6000 GAL HCL.	6508-6518
		ACIDIZE W/1000 GAL HCL.	6110-6145
		FRAC W/101M# SD.	6110-6145

TUBING RECORD	Size <u>2 7/8</u>	Set At <u>6255'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>4/21/10</u> <i>Waiting on gas pipeline</i>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>78</u>	Gas Mcf <u>-276</u>	Water Bbls. <u>116</u>	Gas-Oil Ratio <u>3538</u>	Gravity <u>41</u>
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DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.) Did not vent - shut-in per oper. rec. Dis	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>6110-6145</u>
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ACO-1 Completion Report		
Well Name : AIRPORT 20 #1		
FORMATION	TOP	DATUM
WABAUNSEE	3291	-146
BASE OF HEEBNER	4130	-985
LANSING	4238	-1093
MARMATON	4940	-1795
CHEROKEE	5216	-2071
ATOKA	5588	-2443
MORROW	5700	-2555
CHESTER	6160	-3015
ST GENEVIEVE	6322	-3177
ST LOUIS	6450	-3305

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223		Ship To #: 2764509		Quote #:		Sales Order #: 7137994	
Customer: EOG RESOURCES INC EBUSINESS				Customer Rep:			
Well Name: Airport			Well #: 20-1		APIWM #:		
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: BLAKEY, JOSEPH			Srcv 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 #
ARNETT, JAMES Ray	8	228567	TORRES, CLEMENTE	8	344233	WILTSHIRE, MERSHEK Tonje	8	195811

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	Formation Depth (MD) Bottom	Called Out	Date	Time	Time Zone
Form Type	BHST		On Location	23 - Jan - 2010	00:00	CST
Job depth MD	1700. ft	Job Depth TVD	Job Started	23 - Jan - 2010	18:20	CST
Water Depth		Wk Ht Above Floor	Job Completed	23 - Jan - 2010	19:51	CST
Perforation Depth (MD) From		To	Departed Loc	23 - Jan - 2010	21:00	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
V ASSY, INSR FLOAT, 8 5/8, 28-49LBS/FT, 8RD	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	10	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
KIT, HALL WELD-A	2	EA		
PLUG, CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	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	Sand Type	Size	Qty				
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 II Standard	MIDCON-2 CEMENT STANDARD - SBM (15078)	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	Standard Cement	CMT - STANDARD CEMENT (100003684)	200.0	sacks	15.6	1.2	5.22		5.22	
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)								
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)								
	0.25 lbm	POLY-E-FLAKE (101216940)								
	5.218 Gal	FRESH WATER								
3	Displacement		106.00	bbbl	8.33	.0	.0	.0		
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe	Amount	43.47 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						
										

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223	Ship To #: 2764509	Quote #:	Sales Order #: 7137994
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep:	
Well Name: Airport	Well #: 20-1	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: 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	01/23/2010 11:00							
Arrive At Loc	01/23/2010 13:30							
Pre-Job Safety Meeting	01/23/2010 13:45							
Start Job	01/23/2010 18:20							8 5/8" SURFACE CASING
Test Lines	01/23/2010 18:25					2500.0		
Pump Lead Cement	01/23/2010 18:29		6	158		280.0		300 SKS MIDCON 2 @ 11.4#
Pump Tail Cement	01/23/2010 19:02		6	43		290.0		200 SKS PREM A @ 15.6#
Drop Plug	01/23/2010 19:12				201	280.0		END CEMENT
Pump Displacement	01/23/2010 19:13		8	106		120.0		RIG WATER
Stage Cement	01/23/2010 19:23			85		400.0		
Other	01/23/2010 19:48					480.0		PRESSURE BEFORE LANDING PLUG
Bump Plug	01/23/2010 19:48		2		106	1050.0		FLOAT HELD
End Job	01/23/2010 19:51							
Cement Returns to Surface	01/23/2010 19:59							70 BBLs OF CEMENT TO SURFACE

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Sold To #: 348223

Ship To #: 2764509

Quote #:

Sales Order #:

7137994

SUMMIT Version: 7.20.130

Saturday, January 23, 2010 08:13:00

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223		Ship To #: 2764509		Quote #:		Sales Order #: 7154084							
Customer: EOG RESOURCES INC EBUSINESS				Customer Rep:									
Well Name: Airport			Well #: 20-1		API/UWI #:								
Field:		City (SAP): HUGOTON		County/Parish: Stevens		State: Kansas							
Contractor: Abercrombie			Rig/Platform Name/Num: 55										
Job Purpose: Cement Production Casing													
Well Type: Development Well				Job Type: Cement Production Casing									
Sales Person: PRYOR, RODNEY			Srcv Supervisor: LOPEZ, CARLOS		MBU ID Emp #: 321975								
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
ARNETT, JAMES Ray	9.5	226567	LOPEZ, CARLOS	9.5	321975	MATA, ADOLFO V	9.5	419999					
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					
1/30/10	2.5	1	1/31/10	7	2								
TOTAL				Total is the sum of each column separately									
Job				Job Times									
Formation Name				Date				Time	Time Zone				
Formation Depth (MD) Top		Bottom		Called Out		30 - Jan - 2010	18:00	CST					
Form Type		BHST		On Location		30 - Jan - 2010	20:30	CST					
Job depth MD		6625. ft		Job Depth TVD		6625. ft		Job Started	31 - Jan - 2010	00:00	CST		
Water Depth		Wk Ht Above Floor		5. ft		Job Completed		31 - Jan - 2010	00:00	CST			
Perforation Depth (MD) From		To		Departed Loc		31 - Jan - 2010	00:00	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		
Sales/Rental/3rd Party (HES)													
Description						Qty	Qty uom	Depth	Supplier				
SHOE,FLOAT,5 1/2 8RD,2 3/4 SUPER SEAL						0	EA						
CLR,FLT,5-1/2 8RD,14-23PPF,2-3/4						0	EA						
CENTRALIZER ASSY - TURBO - API -						30	EA						
CLAMP - LIMIT - 5-1/2 - HINGED -						5	EA						
HALLIBURTON WELD-A KIT						1	EA						
PLUG,CMTG,TOP,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	5.5	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers	5.5	30	H
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	50/50 Poz Standard	POZ STANDARD 50/50 - SBM (12308)	180.0	sacks	13.5	1.74	8.35		8.35
	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)							
	8.354 Gal	FRESH WATER							
2	2% KCL Displacement		158.00	bbl	8.45	.0	.0	.0	
	167 lbm/Mgal	POTASSIUM CHLORIDE - KCL, 50 LB BAG (100001585)							
3	Rat Hole Plug Cement (50/50 poz standard)	POZ STANDARD 50/50 - SBM (12308)	50.0	sacks	13.5	1.74	8.35		8.35
	6 %	CAL-SEAL 60, 50 LB BAG (101217146)							
	10 %	SALT, 100 LB BAG (100003652)							
	2 lbm	PRESSUR-SEAL LCM, 40 LB (101204356)							
	0.8 %	HALAD(R)-344, 50 LB (100003670)							
	0.5 %	D-AIR 3000 (101007446)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	8.354 Gal	FRESH WATER							
Calculated Values			Pressures			Volumes			
Displacement	156.6	Shut In: Instant		Lost Returns		Cement Slurry	55.8	Pad	
Top Of Cement	1775.8	5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	227.9
Rates									
Circulating	7	Mixing	5.5	Displacement	8	Avg. Job	6		
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 #: 2764509	Quote #:	Sales Order #: 7154084
Customer: EOG RESOURCES INC EBUSINESS		Customer Rep:	
Well Name: Airport	Well #: 20-1	API/UWI #:	
Field:	City (SAP): HUGOTON	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: Abercrombie	Rig/Platform Name/Num: 55		
Job Purpose: Cement Production Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: PRYOR, RODNEY	Srvc Supervisor: LOPEZ, CARLOS	MBU ID Emp #: 321975	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	01/30/2010 18:00							CALLED OUT BY PAMPA DISPATCH WITH A 5 HOUR NOTICE
Safety Huddle	01/30/2010 19:00							PRE TRIP JOURNEY MANAGEMENT
Arrive At Loc	01/30/2010 20:30							AS A 2 TRUCK CONVOY
Assessment Of Location Safety Meeting	01/30/2010 20:45							TIGHT LOCATION AND VERRY SLIPPERY DUE TO ALOT OF SNOW
Pre-Rig Up Safety Meeting	01/30/2010 20:50							WENT OVER SAFETY HABBITS AND RIG UP PROCEDURE
Wait on Customer or Customer Sub-Contractor Equip	01/30/2010 23:24							RUNNIN CASING DOWN HOLE
Start Job	01/31/2010 01:30							STABBED CEMENT HEAD ON CASING TO BEGIN CIRCULATING WELL FOR 1 HOUR
Safety Meeting	01/31/2010 02:00							WENT OVER JOB PROCEDURE W/ CO. MAN AND CREWS
Test Lines	01/31/2010 02:58						4000.0	CHECKING FOR LEAKS ON TRUCK AND IRON
Pump Cement	01/31/2010 03:06		5	55.8			500.0	180 SKS OF POZ STANDARD 50/50 MIXED @ 13.5 #
Clean Lines	01/31/2010 03:28							WASH PUMPS AND LINES TO PIT
Drop Top Plug	01/31/2010 03:30							HWE TOP PLUG

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Sold To #: 348223

Ship To #: 2764509

Quote # :

Sales Order #: 7154084

SUMMIT Version: 7.20.130

Sunday, January 31, 2010 05:10:00

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	01/31/2010 03:32		8	156.6			800.0	2 % KCL WATER BROUGHT OUT BY DILLCO
Other	01/31/2010 03:50						1800.0	SLOWED DOWN TO 2 BPM LAST 10 bbls OF DISPLACEMENT TO WATCH FOR PRESSURE BEFORE LANDING PLUG
Bump Plug	01/31/2010 03:55		2				2300.0	TOOK PRESSURE 500 PSI OVER
Release Annulus Pressure	01/31/2010 04:00							bled off pressure and got 1.5 BBLS BACK TO DISPLACEMENT TANK
Pump Cement	01/31/2010 04:15		2	6.2			100.0	PLUGED RAT HOLE WITH 20 SKS OF POZ STANDARD 50/50 MIXED @ 13.5 #
Pump Cement	01/31/2010 04:25		2	9.3			90.0	PLUGED MOUSE HOLE WITH 30POZ STANDARD 50/50 MIXED @ 13.5 #
End Job	01/31/2010 04:41				227.9			THANK YOU FOR CALLING HALLIBURTON
Clean Lines	01/31/2010 04:45							WASHED UP LINES AND PUMPS OUT TO PIT
Depart Location for Service Center or Other Site	01/31/2010 07:00							

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Sold To #: 348223

Ship To #: 2764509

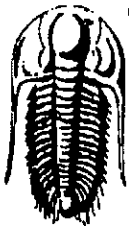
Quote #:

Sales Order #:

7154084

SUMMIT Version: 7.20.130

Sunday, January 31, 2010 05:10:00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

EOG Resources

Airport 20-1

3817 NW EXPWY STE 500
Oklahoma City OK, 73112

20/33s/37w

ATTN: Preston Heiskell

Job Ticket: 37603

DST#: 1

Test Start: 2010.01.27 @ 08:10:27

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MAY 17 2010
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GENERAL INFORMATION:

Formation: **Keyes**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:51:47

Time Test Ended: 19:51:42

Test Type: Conventional Bottom Hole

Tester: Mike Slemp

Unit No: 28

Interval: **6048.00 ft (KB) To 6128.00 ft (KB) (TVD)**

Reference Elevations: 3146.00 ft (KB)

Total Depth: 6128.00 ft (KB) (TVD)

3134.00 ft (CF)

Hole Diameter: 7.78 inches -hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: **8356**

Inside

Press@RunDepth: 264.69 psig @ 6061.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.01.27

End Date:

2010.01.27

Last Calib.:

2010.01.27

Start Time: 08:10:28

End Time:

19:51:42

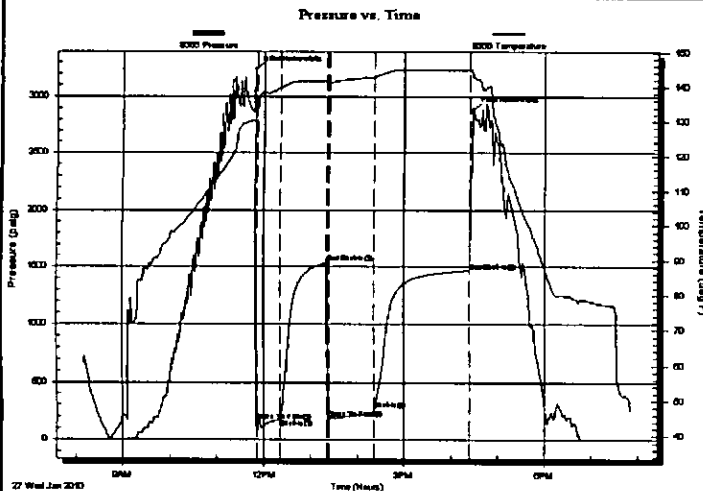
Time On Btm:

2010.01.27 @ 11:49:27

Time Off Btm:

2010.01.27 @ 16:27:57

TEST COMMENT: F- Strong blow , BOB in 2 min
IS- No blow back
FF- Strong blow , BOB in 2 min
FS- BOB blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3234.24	130.56	Initial Hydro-static
3	158.27	134.21	Open To Flow (1)
32	178.75	139.78	Shut-in(1)
91	1534.27	141.62	End Shut-in(1)
95	185.76	140.96	Open To Flow (2)
152	264.69	142.91	Shut-in(2)
275	1463.76	144.80	End Shut-in(2)
279	2883.96	143.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	ocgm90%mud5%oil5%gas	0.46
93.00	mcgo75%mud10oil10%gas5%water	0.46
464.00	mcgo30%mud30%oil30%gas10%water	4.82

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

EOG Resources
3817 NW EXPWY STE 500
Oklahoma City OK, 73112
ATTN: Preston Heiskell

Airport 20-1
20/33s/37w
Job Ticket: 37603 **DST#: 1**
Test Start: 2010.01.27 @ 08:10:27

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	ocgm90%mud5%oil5%gas	0.457
93.00	mcgo75%mud10oil10%gas5%water	0.457
464.00	mcgo30%mud30%oil30%gas10%water	4.823

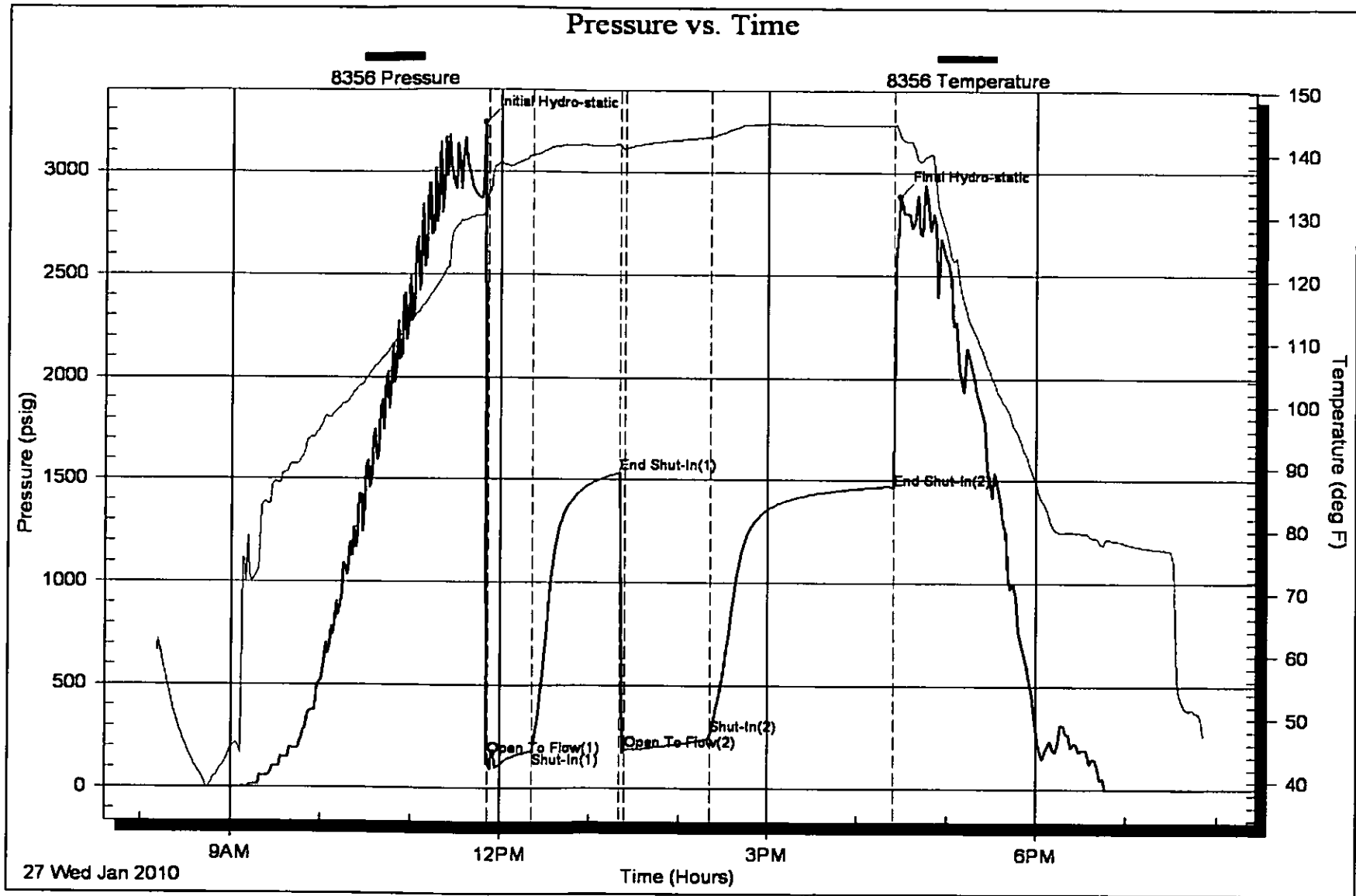
Total Length: 650.00 ft Total Volume: 5.737 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler-750psi-2000ml oil 2000ml mud 6cuft gas

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