

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

1/13/13

OPERATOR: License # 5278 **KCC**
Name: EOG Resources, Inc. **JAN 13 2011**
Address 1: 3817 NW Expressway, Suite 500 **CONFIDENTIAL**
Address 2: _____
City: Oklahoma City State: OK Zip: 73112 + 1483
Contact Person: Sheila Rogers
Phone: (405) 246-3236 **RECEIVED**
CONTRACTOR: License # 34000
Name: Kenai Mid-Continent, Inc. **JAN 18 2011**
Wellsite Geologist: _____
Purchaser: N/A **KCC WICHITA**

API No. 15 - 15-189-22760-00-00
Spot Description: _____
N2 SW SW NE Sec. 28 Twp. 33 S. R. 37 East West
2050' Feet from North / South Line of Section
2310' Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stevens
Lease Name: Knier Well #: 28 #1
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 6650 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 1738 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.

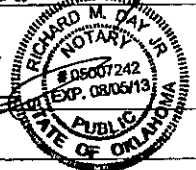
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: 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.: _____
11/23/2010 11/29/2010 P&A 12/01/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan PANJ P-2511
(Data must be collected from the Reserve Pit)
Chloride content: 4,000 ppm Fluid volume: 1,000 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite:
Operator Name: West Sunset Disposal, LLC
Lease Name: Roher License No.: _____
Quarter _____ Sec. 36 Twp. 34 S. R. 36 East West
County: Stevens Docket No.: D27649

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 of 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: Sheila Rogers
Title: Sr. Drilling Eng. Tech Date: 1/13/2011
Subscribed and sworn to before me this 14th day of January,
20 11.
Notary Public: _____
Date Commission Expires: 8/5/13



KCC Office Use ONLY
 Letter of Confidentiality Received 1/13/11 - 1/13/13
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: EOG Resources, Inc. Lease Name: Knier Well #: 28 #1
 Sec. 28 Twp. 33 S. R. 37 East West County: Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Array Compensated True Resistivity Log, Borehole Compensated Sonic Array Log, Microlog, Spectral Density Dual Spaced Neutron Log, Spectral Density Dual Spaced Neutron Microlog	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <div style="text-align: center;"> KCC JAN 13 2011 CONFIDENTIAL </div> See Attached
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CASING RECORD <input type="checkbox"/> New <input 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#	1738'	Midcon-2 PP	300	See Attached
					Prem Plus	200	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	N/A			

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
	N/A	RECEIVED JAN 18 2011 KCC WICHITA	

TUBING RECORD: Size: <u>N/A</u> Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. Dry, plugged and abandoned 12/1/2010	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>Dry, P&A 12/1/2010</u>	PRODUCTION INTERVAL: _____ _____
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ACO-1 Completion Report		
Well Name : KNIER 28 #1		
FORMATION	TOP	DATUM
CHASE	2597	535
COUNCIL GROVE	2902	230
WABAUNSEE	3315	-183
BASE OF HEEBNER	4163	-1031
LANSING	4296	-1164
MARMATON	4998	-1866
CHEROKEE	5280	-2148
ATOKA	5646	-2514
MORROW	5754	-2622
CHESTER	6175	-3043
ST GENEVIEVE	6307	-3175
ST LOUIS	6465	-3333

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CONFIDENTIAL Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 348223		Ship To #: 2820843		Quote #:		Sales Order #: 7794889	
Customer: EOG RESOURCES INC EBUSINESS				Customer Rep: Sessions, Jackie			
Well Name: Knier			Well #: 28 #1		API/UWI #: 15-189-22760		
Field:		City (SAP): HUGOTON		County/Parish: Stevens		State: Kansas	
Legal Description: Section 28 Township 33S Range 37W							
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: WILTSHIRE, MERSHEK			MBU ID Emp #: 195811	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	8.3	267804	RODRIGUEZ, EDGAR A	8.3	442125	TORRES, CLEMENTE	8.3	344233
WILTSHIRE, MERSHEK Tonje	8.3	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	Bottom	Form Type	Date	Time	Time Zone	
			BHST	25 - Nov - 2010	00:00	CST	Called Out
				25 - Nov - 2010	02:00	CST	On Location
	1739. ft			25 - Nov - 2010	07:43	CST	Job Started
				25 - Nov - 2010	09:10	CST	Job Completed
				25 - Nov - 2010	10:30	CST	Departed Loc

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					1739.		
Surface Casing	Unknown		8 625	8.007	24.				1744.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CENTRALIZER ASSY - API - 8-5/8 CSG X	11	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, HW, 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	

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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	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	SWIFCEM (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			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	44 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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