

Kansas Corporation Commission Oil & Gas Conservation Division

1068539

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	Sec Twp S. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
☐ Oil ☐ WSW ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	·
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I III Approved by: Date:

Side Two



Operator Name: _ Lease Name: _ _ Well #: _ County: _ 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 complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

ACO-1 Completion Report									
Well Name : VERGIL 14 #1									
FORMATION TOP DATUM									
BASE OF HEEBNER	3922	-777							
LANSING	4017	-872							
MARMATON	4621	-1476							
CHEROKEE	4843	-1698							
ATOKA	5146	-2001							
ATOKA LIME	5221	-2076							
MORROW	5288	-2143							
CHESTER	5640	-2495							
ST. LOUIS	5828	-2683							
1									

HALLIBURTON

Treatment Fld

Summit Version:

Conc

7.2.27

Cementing Job Summary

The Road to Excellence Starts with Safety Sales Order #: 8322993 Quote #: **Ship To #**: 2866054 Sold To #: 348223 Customer: EOG RESOURCES INC EBUSINESS Customer Rep: KNOX, MIKE API/UWI #: 15-067-21726 Well Name: Vergil 14 Well #: 1 City (SAP): ULYSSES County/Parish: Grant State: Kansas Field: Legal Description: Section 14 Township 30S Range 38W Rig/Platform Name/Num: 58 Contractor: KENAI Job Purpose: Cement Surface Casing Job Type: Cement Surface Casing Well Type: Development Well Srvc Supervisor: GRAVES, JEREMY MBU ID Emp #: 399155 Sales Person: DRAKE, BRANDON Job Personnel Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs 267804 CHAVEZ, ERIK Adrain 324693 ARCHULETA, ERICK 454260 BERUMEN, EDUARDO GOMEZ, OSCAR GRAVES, JEREMY Lee 399155 Norton, Bruce 499926 490448 Equipment Distance-1 way **HES Unit#** Distance-1 way **HES Unit#** Distance-1 way **HES Unit #** Distance-1 way HES Unit # **Job Hours** Date On Location Operating Date On Location Operating **Date** On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately Job **Job Times Formation Name** Date Time Time Zone 15 - Jul - 2011 Formation Depth (MD) Top Bottom Called Out 15:00 CST BHST 15 - Jul - 2011 CST On Location 19:00 Form Type Job Depth TVD Job depth MD 1737. ft 1742. ft Job Started 16 - Jul - 2011 02:30 CST Wk Ht Above Floor 16 - Jul - 2011 Water Depth 3. ft Job Completed 04:00 CST Perforation Depth (MD) From To Departed Loc 16 - Jul - 2011 05:00 CST **Well Data** Description New / Max Size ID Weight **Thread** Grade Top MD **Bottom** Top **Bottom** Used pressure TVD in in Ibm/ft ft MD **TVD** ft psig ft ft 12.25 Surface Hole 1720. Surface Casing Unknow 8.625 8.097 24. 1720. n Sales/Rental/3rd Party (HES) Description Supplier Qty Qty uom Depth SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD 1 EA CENTRALIZER ASSY - API - 8-5/8 CSG X 9 EA KIT, HALL WELD-A 1 EA CLR,FLT,TROPHY SEAL,8-5/8 8RD 1 EA AUTOFILL KIT, TROPHY SEAL 1 FA PLUG, CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA 1 EA SUGAR - GRANULATED 30 LB **Tools and Accessories Type** Size Type Size Qty Make Depth 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 %

Saturday, July 16, 2011 04:11:00

Conc

Sand Type

Size

Qty

Inhibitor

HALLIBURTON

Cementing Job Summary

							Flu	uid Data						
St	age/Plug	#: 1								336-2				
Fluid #	Stage		Fluid Name					Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sl
1	Lead Cer	nent	VARI	VARICEM (TM) CEMENT (452009)					sacks	11.4	2.96	18.14		18.14
	3 %		CALC	IUM CHLOR	RIDE - H	II TEST	PELLE	T (1000050	53)					
	0.1 %		WG-1	7, 50 LB Sk	(10000	03623)								
	0.25 lbm		POLY	-E-FLAKE (101216	940)								
	18.138 Ga	al	FRES	H WATER										
2	Tail Cem	ent	SWIF	SWIFTCEM (TM) SYSTEM (452990)					sacks	15.6	1.2	5.22		5.22
	2 %		CALC	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm		POLY	-E-FLAKE (101216	940)								
	5.218 Ga	I	FRES	H WATER										
3	Displace	ment						108.00	bbl	8.33	.0	.0	.0	
Ca	alculated	Value	S	Pre	ssures					V	olumes	1		
Displa	cement		S	hut In: Insta	ant		Lost F	Returns		Cement S	lurry		Pad	
Top O	f Cement		5	Min			Ceme	nt Returns		Actual Di	splacem	nent	Treatm	nent
Frac G	radient		1	5 Min			Space	ers		Load and Breakdown Total Job				
								Rates						
Circu	lating			Mixin	g			Displac	Displacement				ob	
Cem	ent Left Ir	Pipe	Amo				Joint							
Eroo I	Ring # 1 @)	ID	Frac ring	g # 2 @		D	Frac Rin	g # 3 @	ll ll)	Frac Ring	#4@	ID

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 348223 **Ship To #:** 2866054 Quote #: Sales Order #: 8322993 Customer: EOG RESOURCES INC EBUSINESS Customer Rep: KNOX, MIKE API/UWI #: 15-067-21726 Well Name: Vergil 14 Well #: 1 State: Kansas City (SAP): ULYSSES County/Parish: Grant Field: Legal Description: Section 14 Township 30S Range 38W Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.

Rig/Platform Name/Num: 58 Contractor: KENAI

Job Purpose: Cement Surface Casing Ticket Amount:

Well Type: Development Well Srvc Supervisor: GRAVES, JEREMY MBU ID Emp #: 399155 Sales Person: DRAKE, BRANDON

Job Type: Cement Surface Casing

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments
		#		Stage	Total	Tubing	Casing	
Call Out	07/15/2011 17:00							
Depart Location Safety Meeting	07/15/2011 19:30							JOURNEY MANAGEMENT
Arrive At Loc	07/15/2011 21:00							
Assessment Of Location Safety Meeting	07/15/2011 21:15							SPOT TRUCKS AND TALK WITH COMPANY MAN ABOUT PROCEDURES AND GOT NUMBERS FROM HIM
Pre-Rig Up Safety Meeting	07/15/2011 21:30							WENT OVER ALL POSSIBLE HAZARDS ON LOCATION
Rig-Up Completed	07/15/2011 22:00							
Other	07/15/2011 22:30							RIG CASING CREW UP RUNNING CASING INTO THE HOLE
Other	07/16/2011 01:33							C ASING ON BOTTOM RIG DOWN CASING CREW
Safety Meeting - Pre Job	07/16/2011 02:15							
Start Job	07/16/2011 02:26							
Test Lines	07/16/2011 02:32						3000. 0	TEST LINES TO 3000PSI
Pump Lead Cement	07/16/2011 02:39		7	158	158			300SKS MIXED AT 11.4
Pump Tail Cement	07/16/2011 02:58		7	43	201			200SKS MIXED AT 15.6
Drop Top Plug	07/16/2011 03:05							

Sold To #: 348223

Ship To #:2866054

Quote #:

Sales Order #:

8322993

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Saturday, July 16, 2011 04:09:00



Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	07/16/2011 03:07			108	309			TOTAL OF 108BBLS COMPANY MAD HAD US PUMP 88 AND STOP FOR 5MIN AND THEN PUMP 5 MORE AT 2BBLS PER MIN AND STOP AGAIN REPEATED THIS PROCESS UNTIL BUMPED PLUG
Bump Plug	07/16/2011 03:46						780	BUMPED PLUDG AT 780 HOURS
Check Floats	07/16/2011 03:48							FLOATS HELD
End Job	07/16/2011 03:51							THANKS FOR CALLING HALLIBURTON
Pre-Rig Down Safety Meeting	07/16/2011 04:00							WENT OVER POSSIBLE HAZARDS GIVEN BY ERIC ARCHULETA
Rig-Down Completed	07/16/2011 04:15							
Depart Location for Service Center or Other Site	07/16/2011 05:00							JOURNEY MANAGEMENT

Sold To #: 348223

Ship To #:2866054

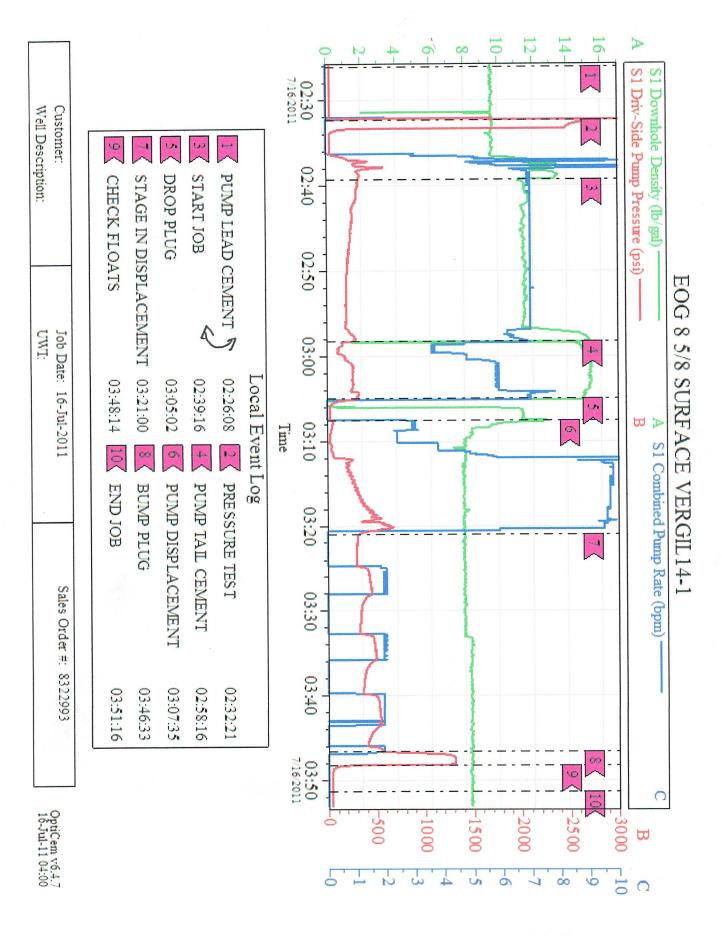
Quote #:

Sales Order #:

8322993

SUMMIT Version: 7.2.27

Saturday, July 16, 2011 04:09:00



Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

November 21, 2011

Sheila Rogers EOG Resources, Inc. 3817 NW EXPRESSWAY STE 500 OKLAHOMA CITY, OK 73112-1483

Re: ACO1 API 15-067-21726-00-00 Vergil 14 #1 SE/4 Sec.14-30S-38W Grant County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Sheila Rogers Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

November 30, 2011

Sheila Rogers EOG Resources, Inc. 3817 NW EXPRESSWAY STE 500 OKLAHOMA CITY, OK 73112-1483

Re: ACO-1 API 15-067-21726-00-00 Vergil 14 #1 SE/4 Sec.14-30S-38W Grant County, Kansas

Dear Sheila Rogers:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 07/14/2011 and the ACO-1 was received on November 29, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department