## CONFIDENTIAL

### 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

OPERATOR: License #8914	API No. 15 - 065-23,593-00-00
Name: H & C Oil Operating, Inc.	Spot Description: NW/4
Address 1: P.O. Box 86	
Address 2:	990 Feet from V North / South Line of Section
City: Plainville State: KS zip: 67663 +	660 Feet from East / West Line of Section
Contact Person: Charles R. Ramsay	Footages Calculated from Nearest Outside Section Corner:
Phone: (785_) 434-7434	□NE □NW □SE □SW
00400	County: Graham
Name: American Eagle Drilling, LLC CARACTER 1991	Lease Name: Middleton Well #: _32-1
Wellsite Geologist: Marc Downing JAN 0.5. 2010	Field Name: Wildcat
Coffornillo Poscursos	Producing Formation: Lansing Kansas City
Designate Type of Completion:	Elevation: Ground: 2509 Kelly Bushing: 2514
New Well Re-Entry Workover	Total Depth: 4020 Plug Back Total Depth: 3984
	Amount of Surface Pipe Set and Cemented at: 344 Feet
Gas ENHR SIGW	
Gas ENFIR SiGVV CM (Coal Bed Methane) Temp. Abd.	Multiple Stage Cementing Collar Used? Yes No
Dry Other	If yes, show depth set: 2185 Feet
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 2185
If Workover/Re-entry: Old Well Info as follows:	feet depth to: surface w/ 450 sx cmt.
Operator:	Drilling Fluid Management Plan Aff II NF - 1 - 25 (0,
Well Name:	(Data must be collected from the Reserve Rit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
11-3-09 12-2-09	QuarterSecTwpS. REast West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidential for a period of 12 months if recompletion.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information juested in writing and submitted with the form (see rule 82-3-107 for confidence of the state of the st
All requirements of the statutes, rules and regulations promulgated to regulate t are complete and correct to the best of my knowledge.	he oil and gas industry have been fully complied with and the statements herein
Signature: /// // Signature: // // // // // // // // // // // // //	KCC Office Use ONLY
	V
	Letter of Confidentiality Received
Subscribed and sworn to before me this 571 day of	, If Denied, Yes Date:
20 <u>/0</u> .	Wireline Log Received
Notary Public: _ Irene Fellhaelter	Geologist Report Received RECSIVED
Date Commission Expires:	<b>JAN 1 1</b> 2010
△ NOTARY PUBLIC - State of Kansas	JAN 1 0 Edit

KCC WICHITA

#### Side Two

Operator Name: H &	C Oil Operating, I	nc.	Lease N	Name: _N	Middleton		_Well #: _32-1			
Sec. 32 Twp. 6			County	Grah	am					
time tool open and clo	osed, flowing and shu es if gas to surface te	nd base of formations pe at-in pressures, whether ast, along with final chart report.	shut-in press	sure read	thed static level,	hydrostatic pres	sures, bottom h	ole tempe	erature, fluid	
Drill Stem Tests Taken  ✓ Yes No				✓ Log Formation (Top), Dep			th and Datum San		Sample	
(Attach Additional Sheets)  Samples Sent to Geological Survey  ✓ Yes □ No				Name Top Anhydrite			,- <b>-</b> -		Datum 319	
Cores Taken		∖ ☐ Yes 🗸 No		Base	Anhydrite		2227	+,	287	
Electric Log Run		V. ☑ Yes . ☐ No		Topel	ka		3538	-1	1024	
(Submit Copy)				Heeb	ner		3736	-1	222	
List All E. Logs Run:	tod Dorocity, micr	ro rociotivity, dual in	duction	Toror	nto		3761	-1	247	
	ted Porosity, micr	o resistivity, dual in hič cement bond	auction,	Lansing Kansas City 3777			3777	-1263		
2010/10/10 00/11/2	IAN 05 2010			Base	LKC		3968	-1	454	
	KCC	CASING Report all strings set	RECORD	Ne		on, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	jht	Setting Depth	Type of Cement	# Sacks Used		and Percent	
surface	12 1/4"	8 5/8"	23#	<u> </u>	344	60/40 posmi		2%gel, 3%cc		
production	7 7/8"	5 1/2"	14#		4010	common	160	10% salt, 2% gel		
		ADDITIONA	L CEMENTI	NG / SQL	EEZE RECORD					
Purpose: Perforate	Depth Top Bottom				#Sacks Used Type and Per			ercent Additives		
Plug Back TD	2187	60/40 lite	450		1/4# floseal p	er sack				
Plug Off Zone					*******					
Shots Per Foot	PERFORATI	ON RECORD - Bridge Plu	gs Set/Type		Acid, Frac	cture, Shot, Ceme	nt Squeeze Reco	rd		
Specify Footage of Each Interval Perforat				(Amount and Kind of Material Used)				Depth		
4 SPF	3924-3929'								3929	
							<del></del>	RECE	IVFN	
				-						
									1 2010	
							KC	CW	CHITA	
TUBING RECORD: 2	Size: 3/8"	Set At: 3978	Packer A	t:	Liner Run:	Yes No				
Date of First, Resumed	Production, SWD or En	hr. Producing Me	-	Flowin	g 📝 Pumpin	ig 🔲 Gas L	ift 🔲 Oth	er (Explain)		
Estimated Production Oil Bbls. Gas Mo Per 24 Hours 90			Mcf	Wat	Water Bbls. Gas-Oil Ratio			Gravity 36		
					•					
DISPOSITI	ON OF GAS:		METHOD OF	COMPL	ETION:		PRODUCTI	ON INTER	VAL:	
Vented Sole	d Used on Lease	Open Hole Other (Specify)	Perf. [	Dually	Comp. Con	nmingled 3	924-3929'			
1		1				1				

# ALLIED CEMENTING CO., LLC. 041282

REMIT TO P.O. B RUSS		NSAS 6766	55				VICE POINT:	12501	-
	SEC.	тур.	RANGE	CAI	LLED OUT	ON LOCATION	JOB START	JOB FINISH	-
DATE 11-11-69		_ L	23	LL			COUNTY	STATE	-
M'abel Ton LEASE	WELL#	32.1	LOCATION H	il Cin	180 A	3W 12V	Graham	KS	
OLD OR (VEV)(Ci						Einto			-
CONTRACTOR	America	an Bani	ie.#3		OWNER				
TYPE OF JOB	0000	b			<u> </u>				~
	7/8		4020		CEMENT				
CASING SIZE 5			PTH 4007		AMOUNT O	RDERED _/(LO	Com 100/ 50	11 2406EL	
TUBING SIZE			 РТН				00 gal w		_
DRILL PIPE		DEI	PTH			450 1	ITE YUTH	10	_
TOOL DU TOOL	#44	DE	PTH 2187						
PRES. MAX			NIMUM		COMMON_	160	<u>@ /3,50</u>	2160,00	_
MEAS. LINE			DE JOINT 21.	01	POZMIX _		@		-
CEMENT LEFT II	N CSG.	21.01			GEL _	3	@ <u>20,25</u>	60.75	•
PERFS.		7		<del></del>	CHLORIDE		@		
DISPLACEMENT	97	14 BL	T <u>_</u>	31/4	ASC		@		
	EQ	UIPMENT	•		Salt			148,75	_
		_	MAMA		The Second	456	_ @ <i>//, 85</i>	5332,50	-
PUMP TRUCK	CEMEN	TER Co	ia (3) 18 18 18 18 18 18 18 18 18 18 18 18 18	<del></del>	Pro Sre	1 112	@ <i>_2,45</i> _	274.40	2
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BULK TRUCK				· · · · · · · · · · · · · · · · · · ·			@		-
# 410	DRIVER	Glenn		KCC			@		
BULK TRUCK							@		_
# 481	DRIVER	Galen			HANDLING	305		686,25	=
		- ,,				10/5//mile		1220,00	_
	RI	EMARKS:					ТОТАІ	9882,6	
-1/200			Mark L	M172	0		10174		=
5/2 Casing	Sete	4001	-0 a   11.00/A-	M-11.3	co.wi	cens.	/# <b>/</b> ***		
Juser	<u>+ ≥e+C</u>	3985	. 1 -1			SERV	TCE		
Insert Ofthe Sport Flush	<u> </u>	) S:	10-1:05	<del></del>	DEIVEL OF	LOD			-
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Dissiage Alv	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Credate	2 CENCENT	MUEACE	90 Yo		280.00	
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CHARGE TO:	MAC						mom 4	L 2232	•••
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					7117	-370C 1115	@	2268,00	
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To Allied Cemer						KCTS	@ 16604		_
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and furnish cem									
contractor to do							mom.	, 7230 -	
done to satisfact		•	_				TOTA	L 3235, oc	<u> </u>
contractor. I have					0 4 1 10 0 10 4 3	7 (15 A)			
TERMS AND C	ONDITI	ONS" liste	d on the revers	se side.	SALES TAX	(II Any)	<del></del>	*******	
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PRINTED NAME	·	<del></del>			DISCOUNT		IF PA	ID IN 30 DAY	
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SIGNATURE	1/mm/	Ullisa							
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		1							· · · · ·

KCC WICHITA

### · ALLIED CEMENTING CO., LLC. 038552

SERVICE POINT: REMITTO P.O. BOX 31 **RUSSELL, KANSAS 67665** Russell JOB FINISH 9, 80 P. I JOB START CALLED OUT ON LOCATION RANGE DATE //- Y-09 COUNTY 32.1 LOCATION OLD OK NEW (Circle one) 20 CONTRACTOR AMERICAN Each #3 **OWNER** TYPE OF JOB Jankes 581 **CEMENT** HOLE SIZE 12/4 AMOUNT ORDERED 225 The 35 CC 23 DEPTH 342.1 CASING SIZE **TUBING SIZE** DEPTH DRILL PIPE DEPTH **TOOL** DEPTH PRES. MAX COMMON MINIMUM MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. /S **GEL** PERFS. CHLORIDE DISPLACEMENT 22.15 ASC. @ @ EOUIPMENT COMPIDENTIAL @ @ PUMP TRUCK CEMENTER Shane JAN 05 2010 @ # <u>3</u>98 HELPER @ **BULK TRUCK** @ #344-112 DRIVER @ **BULK TRUCK** @ DRIVER @ 2 HANDLING\_ MILEAGE \_ 3649. **REMARKS:** TOTAL SERVICE DEPTH OF JOB 99/.00 PUMP TRUCK CHARGE **EXTRA FOOTAGE** @ MILEAGE @ フ・ @ MANIFOLD @ @ CHARGE TO: 1/4 C Oil Operation TOTAL \_127/-STREET \_ STATE PLUG & FLOAT EOUIPMENT @ @ To Allied Cementing Co., LLC. @ RECEIVED You are hereby requested to rent cementing equipment @ and furnish cementer and helper(s) to assist owner or JAN 1 1 2010 contractor to do work as is listed. The above work was TOTAL done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL KCC WICHITA SALES TAX (If Any) TERMS AND CONDITIONS" listed on the reverse side. **TOTAL CHARGES** PRINTED NAME DISCOUNT IF PAID IN 30 DAYS SIGNATURE TONG & MMM