

Kansas Corporation Commission Oil & Gas Conservation Division

1060026

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:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	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 SWD 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? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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 Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 N	lame:			Well #:		
Sec Twp	S. R	East] West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rat line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		Yes	☐ No		Log	g Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор		Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Cop)	d Electronically	☐ Yes ☐ Yes ☐ Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	New	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In	asing	Weig Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent additives
		<u> </u> 	DDITIONAL	CEMENTIN	IG / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of 0	Cement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify	ON RECORD - Footage of Each	Bridge Plug n Interval Peri	s Set/Type forated			cture, Shot, Ceme mount and Kind of N	nt Squeeze Record Material Used)	d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
							Yes N	0		
Date of First, Resumed	Production, SWD or EN	IHR. Pr	oducing Meth	nod:	g 🗌 G	as Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	BI	ols.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:		N	METHOD OF	COMPLET	TION:		PRODUCTIO	ON INTER	VAL:
Vented Solo	Used on Lease		n Hole	Perf.	Dually (nmingled mit ACO-4)			
(11 verneu, 3u	10./	Othe	r (Specify)				I —			

HALLIGUATON

Cementing Job Summary

The Road to Excellence Starts with Safety Sales Order #: 8086008 Sold To #: 300496 Ship To #: 2847282 Quote #: Customer Rep: Stanley, Josh Customer: APACHE CORP Well Name: Deckard Well #: 1-33 API/UWI #: 15-119-21286 City (SAP): MEADE County/Parish: Meade State: Kansas Field: Legal Description: Section 33 Township 34S Range 26W Contractor: Duke Drilling Rig/Platform Name/Num: 6 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: MEREDITH, JERRY Srvc Supervisor: SMITH, BOBBY MBU ID Emp #: 106036 Job Personnel **HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# AGUILERA, FABIAN 442123 GOMEZ, OSCAR 490448 LOPEZ, JUAN R 198514 MCJILTON, LANDON SMITH, BOBBY Wayne 106036 489077 Kyle Equipment HES Unit # HES Unit # Distance-1 way HES Unit # Distance-1 way Distance-1 way HES Unit # Distance-1 way 10240245 10243558 10744298C 10240239 45 mile 45 mile 45 mile 45 mile 10949718 45 mile 10998524 10866807 45 mile 45 mile **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 Date Formation Name Time Time Zone Called Out 07 - Apr - 2011 05:00 CST Formation Depth (MD) Top Bottom 07 - Apr - 2011 CST BHST 75 deaF 08:00 Form Type On Location Job depth MD 1623. ft Job Depth TVD 1626. ft Job Started 07 - Apr - 2011 12:29 CST Wk Ht Above Floor 4. ft Job Completed 07 - Apr - 2011 13:47 CST Water Depth Perforation Depth (MD) From 07 - Apr - 2011 15:30 To Departed Loc CST Well Data Description Max Size ID Weiaht Thread Top MD Bottom **Bottom** New / Grade Top Used pressure in in lbm/ft ft MD TVD TVD ft ft ft psig 12-1/4" Surface 12.25 80. 1600. Open Hole 20. 19,124 94. 20" Pre-Set New 80. Conductor 8.097 24 8-5/8" Surface New 8.625 8 RD (ST&C) J-55 1600. Casing Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier SHOE.GID.8-5/8 8RD EA 5 CENTRALIZER ASSY - API - 8-5/8 CSG X EΑ HALLIBURTON WELD-A KIT 1 EA 2 CLAMP - LIMIT - 8-5/8 - HINGED -EΑ BASKET - CEMENT - 8 5/8 CSG X 12 1/4 1 EΑ

CLR,FLT,TROPHY SEAL,8-5/8 8RD

AUTOFILL KIT.TROPHY SEAL

PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA

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EΑ

HALLEURTON

Cementing Job Summary

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HALLEURTON

Cementing Job Log

The Road to Excellence Starts with Safety

 Sold To #: 300496
 Ship To #: 2847282
 Quote #:
 Sales Order #: 8086008

 Customer: APACHE CORP
 Customer Rep: Stanley, Josh

 Well Name: Deckard
 Well #: 1-33
 API/UWI #: 15-119-21286

Field: City (SAP): MEADE County/Parish: Meade State: Kansas

Legal Description: Section 33 Township 34S Range 26W

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: Duke Drilling Rig/Platform Name/Num: 6

Job Purpose: Cement Surface Casing Ticket Amount:

Well Type: Development Well

Job Type: Cement Surface Casing

Sales Person: MEREDITH JERRY

Six Supervisor: SMITH BORRY

MBUID Emp. #: 106036

Sales Person: MEREDITH, JEF	es Person: MEREDITH, JERRY Srvc Supervisor: SMITH, BOBBY							106036
Activity Description	Date/Time	Cht	Rate bbl/ min		lumė obi	•	ssur e sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	04/07/2011 05:00							
Depart Location Safety Meeting	04/07/2011 06:30							
Arrive At Loc	04/07/2011 08:00							
Assessment Of Location Safety Meeting	04/07/2011 08:00							Rig pulling drill pipe
Pre-Rig Up Safety Meeting	04/07/2011 08:05							
Other	04/07/2011 08:55							drill pipe out of the hole casing crew rigging up.
Rig-Up Completed	04/07/2011 09:00							
Other	04/07/2011 09:30		•					casing going in the hole
Other	04/07/2011 12:00							casing on bottom rig is circulating.
Safety Meeting - Pre Job	04/07/2011 12:20							
Start Job	04/07/2011 12:29							
Test Lines	04/07/2011 12:30			***************************************			3000. 0	
Pump Lead Cement	04/07/2011 12:36		6	236.4 2			100.0	450 sx = 1327.5 ft3 = top of cement surface
Other	04/07/2011 12:37							mud returns
Pump Tail Cement	04/07/2011 13:12		6	42.74			100.0	200 sx = 240 ft3. top of cement 1081.04 ft
Drop Top Plug	04/07/2011 13:22	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				
Pump Displacement	04/07/2011 13:24		6	0			50.0	water
Bump Plug	04/07/2011 13:45	***************************************	6	100.7 2		400.0	1300. 0	

Sold To #: 300496

Ship To #:2847282

Quote #:

Sales Order #:

8086008

SUMMIT Version:

7.20,130

Thursday, April 07, 2011 02:22:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate t bbl/ min	Volu bl		The second second	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Check Floats	04/07/2011 13:46							float held.
End Job	04/07/2011 13:47							50 bbls of cement back to surface.
Safety Meeting - Pre Rig- Down	04/07/2011 13:50							to dariato.
Rig-Down Completed	04/07/2011 15:00	· · · · · · · · · · · · · · · · · · ·						
Safety Meeting - Departing Location	04/07/2011 15:15							
Depart Location for Service Center or Other Site	04/07/2011 15:30			-	·		·	Thank you for calling Halliburton. Bob and crew.

Sold To #: 300496

Ship To #:2847282

Quote #:

Sales Order #:

8086008

SUMMIT Version: 7.20.130

Thursday, April 07, 2011 02:22:00

Cementing Job Summary

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Custome			UKP		***************************************				ustom	er Rep	: STA	NLĘY, J				
Well Nam	e: De	ckard	······································				#: 1-3					API/I	JWI #:			
Field:		***************************************): MEAD		Cou	nty/Pa	arish:	Meade			State	: Kans	as	
Legal Des			ction 3	3 Town											***************************************	
Contracto				·		Platfor	rm Nan	ne/Nu	m: #	6						
Job Purpo																
Nell Type		······			Job	Type:	Cemer	nt Proc	duction	ı Casin	g				WII	
Sales Per	son:	MERE	OITH, J	ERRY		Supe ARDO),		MBU ID	Emp #:	37126	33	
Andrews (* A. S. Seller, Supplement V. Seller,	1 114 14 K MANELYA ANGUNYA					***************************************		Perso	nnel		principal de la companya de la comp					All Andrews Andrews
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SMITH, B Wayne	OBBY		5	10603		<u>IO</u>						Alejandro		**************************************		
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Summit Version: 7.20.130

XXX, XXX 00, 0000 00:00:00

Cementing Job Summary

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				and the state of		Flu	id Data			·····				
S	tage/Plug													
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1	Water Spa	icer			wiii/	***************************************		bbl	8.33	.0	0	.0	<u> </u>	
2	Superflus	h						bbl	9.3	.0	.0	.0		
	68 lbm/bbl	***************************************	HALLIBURT	ON SUPE	R FLUSH	(100003	639)				<u> </u>	1		***************************************
3	Water Spa	icer			·····		T	bbl	8.33	.0	0.	.0		
4	Lead Cem	ent	POZ PREMI	UM 50/50	- SBM (12	302)		sacks		1.83	8.9		8.	9
~~~~	8.896 Gal		FRESH WAT	ER				****			1	L	<u> </u>	<del></del>
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	5 %		CAL-SEAL 6	0, 50 LB E	3AG (1012	17146)						1	~~~~~	
	10 %	-	SALT, 100 LE				***************************************		<del></del>	······································				
5	Tail Ceme	nt	POZ PREMIL	JM 50/50	- SBM (12	302)	Ţ	sacks	14.2	1.36	5.54	<u> </u>	5.5	4
	5.535 Gal		FRESH WAT	ER							1	<u> </u>		···•
	0.6 %		HALAD(R)-32	22, 50 LB	(10000364	16)	<del></del>			·				
	3 lbm		KOL-SEAL, E	BULK (100	064233)									***************************************
	5 %		CAL-SEAL 60	O, 50 LB E	AG (1012	17146)			······································	**************************************	····		······································	
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6	2% KCL W					***************************************		bbl	8.4	.0	.0	.0		
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	Cement	314					t Returns		Actual Dis			Treatm		
rac G	radient		15 Min	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		Spacer	<del></del>	60	Load and I	Breakdo	wn	Total J	ob :	302
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	Ring # 1 @			) ft Reas		Joint	ļ		T					
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Th	e Informa	tion	Stated Her	ein Is C	orrect	Custom	er Represe	ntative S	ignature					

# Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 300496	Ship To #: 28472	82 Quote #:	Sales Order #: 8099455
Customer: APACHE CO	RP	Customer Rep: S	
Well Name: Deckard	N	Well #: 1-33	API/UWI #: 15-119-21286
Field:	City (SAP): MEADE	County/Parish: Meade	State: Kansas
Legal Description: Secti	on 33 Township 34S Ra		, and a second s
Lat: N 0 deg. OR N 0 de			PR E 0 deg. 0 min. 0 secs.
Contractor: Duke	Rig/Plat	form Name/Num: #6	
Job Purpose: Cement P	roduction Casing		Ticket Amount:
Well Type: Development	Well Job Typ	e: Cement Production Casing	
Sales Person: MEREDIT		pervisor: CARRILLO,	MBU ID Emp #: 371263

<u> </u>	EDUAL	VUO	·					
Activity Description	Date/Time	Cht	Rate bbl/ min	the first of the state of the	ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	04/13/2011 03:00							Dispach Called Cement Crew For Job On The Apache Corp Well Deckard # 1-33 5 1/2 Production
Other	04/13/2011 04:15							Loading Equipment And Chemicals For Job
Pre-Convoy Safety Meeting	04/13/2011 05:15							Discuss Route to take and Hazards on the road
Arrive At Loc	04/13/2011 06:15							
Assessment Of Location Safety Meeting	04/13/2011 06:25					-		Rig Runing Last Joint's Of Casing
Other	04/13/2011 06:30							Casing On Bottome Rig Circulating For One HR Per Customer Rep. He Said To Pump Rat And Mouse Hol Last.
Pre-Rig Up Safety Meeting	04/13/2011 06:35				_			Discused All Red Zones Went Over JSA.
Rig-Up Completed	04/13/2011 07:35							TOTAL OTOT VOX.
Other	04/13/2011 08:20							Mixed Chemicals For Super Flush.
Pre-Job Safety Meeting	04/13/2011 08:45						100	Discussed Job Went Over Depths And Volumes Have Rig Crew Sing Saftey Sheet. Talked To Customer On How Fast To Pump And Pressers.
Start Job	04/13/2011 08:54							Ready for Halliburton

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8099455

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# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbi/ min	E	lume obi		ssure sig	Comments
		#		Stage	Total	Tubing	Casing	
Test Lines	04/13/2011 08:55						4000.	Tested @ 4000 PSI Heald Relesed Presser On The Iron On Releas Line
Pump Spacer 1	04/13/2011 09:03		5	20	20		220.0	Pumped 20 bbls H2O
Pump Spacer 2	04/13/2011 09:08		5	20	40		280.0	Spacer Pumped 20 bbls Super
Pump Spacer 1	04/13/2011 09:13		5	20	60		285.0	Flush Spacer Pumped 20 bbls H2O
Pump Lead Cement	04/13/2011 09:17		5	49	109		250.0	Spacer   Pumped 150 SKS CMT   @ 12.8 ppg // 49 bbls   CMT // 150 X 1.83 = 274
Pump Tail Cement	04/13/2011 09:28		5	49	158			CU/FT Pumped 200 SKS CMT @ 14.2 ppg // 49 bbls CMT// 200 X 1.36 = 272
Shutdown	04/13/2011 09:40							CU/FT
Drop Top Plug	04/13/2011 09:41							HWE
Pump Displacement	04/13/2011 09:51		6	144	301		200.0	Pumped 144 bbls Displacement KCL
Displ Reached Cmnt	04/13/2011 10:09		6	101	301		285.0	Water Displacement Reached CMT @ 101 bbls got 285
Slow Rate	04/13/2011 10:18		2	134	301		850.0	PSI. Slowed Down Last 10
Bump Plug	04/13/2011 10:19					777		bbls @ 2 BPM . Bumped Plug @ 1350Took To 1850 Heald For 5 min Per
Check Floats	04/13/2011 10:23							Customer Rep. Floats Heald Got 1 BBL
End Job	04/13/2011 10:25							Back
Pre-Rig Down Safety Meeting	04/13/2011 10:35							Discuss Pinchpoint and
Rig-Down Completed	04/13/2011 11:45							Triping Hazards
Other	04/13/2011 12:05						0	HANK YOU FOR CHOOSING
Crew Leave Location	04/13/2011 12:10	_		·			<del> </del>	<u> </u>

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