# KANSAS CORPORATION COMMISSION RIGINAL Form ACO-1 October 2008 OIL & GAS CONSERVATION DIVISION RIGINAL Form Must Be Typed

#### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

API No. 15 - 093-21838-00-00
Spot Description:
NE _NW _NE _SW Sec. 36 Twp. 22 S. R. 36 East West
2419 Feet from North / South Line of Section
Footages Calculated from Nearest Outside Section Corner:
□NE □NW □SE ☑SW
County: Kearny
Lease Name: Kleeman Well #: 4-36
Field Name: Wildcat
Producing Formation: N/A (Dry)
Elevation: Ground: 3184 Kelly Bushing: 3195
Total Depth: 5205 Plug Back Total Depth: 5113
Amount of Surface Pipe Set and Cemented at: 2100 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 AIT NCR 4-2  - 09 (Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec TwpS. R
County: Docket No.:
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 confidential report shall be attached with this form. ALL CEMENTING TICKETS MUST rem with all temporarily abandoned wells.
he oil and gas industry have been fully complied with and the statements herein
KCC Office Use ONLY
Letter of Confidentiality Received
THO If Denied, Yes Date: 4/19/09
パルル スターマー Wireline Log Received - DECEM /Pです。
Wireline Log Received RECEIVED
UIC Distribution
Geologist Report Receive ANSAS CORPORATION COMMISS  UIC Distribution  APR 0 9 2009  CONSERVATION DIVISION WICHITA. KS

Operator Name: Dev	von Energy Produc	ction Co	mpany, L.P.	Lease	e Name: _	Geeman		Well #: _4-3	6
	22 S. R. <u>36</u>			Count	<sub>ty:</sub> <u>Kear</u>	ny			
time tool open and cl recovery, and flow ra		ıt-in press est, along	sures, whether s	hut-in pre	ssure rea	ched static level	l, hydrostatic p	ressures, bottom	giving interval tested, hole temperature, fluid Electric Wireline Logs
Drill Stem Tests Take			∕es ☑ No	,	<b></b> ✓L	og Formatio	on (Top), Depti	n and Datum	Sample
Samples Sent to Geo	ological Survey	<b>V</b>	∕es □No		Nam Chas	_		Top 2596	Datum 601
Cores Taken Electric Log Run (Submit Copy)		\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	∕es ☑ No ∕es ☐ No			ner Shale		3890 3935	-693 -738
List All E. Logs Run:					Marm			4433	-1236
_	OSN;Microlog				Morre			4778	-1581 1730
					Missi	ssippian		4926	-1729
		Ren	CASING ort all strings set-c	RECORD		_	tion. etc.		
Purpose of String	Size Hole Drilled	Si	ize Casing et (In O.D.)	We	eight	Setting	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	et (III O.D.)	24	s. / Ft.	2100	Extendacem;Ha		See cement summary
Production	7-7/8	5-1/2		15.5	····	5202	Econocem	500	See cement summary
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD	)		
Purpose:  —— Perforate  —— Protect Casing	Depth Top Bottom	Тур	e of Cement	#Sack	s Used		Туре а	nd Percent Additives	
Plug Back TD Plug Off Zone									
Shots Per Foot	PERFORATI Specify	ON RECO	RD - Bridge Plug Each Interval Perl	s Set/Type	;		acture, Shot, Cer	ment Squeeze Reco	rd Depth
4	4206-4222		RECE	WED	MISSION:		5% NE-FE		4206-4222
4	4458-4466	КА				500 gals 1	5% NE-FE	acid	4458-4466
			APR 0						
			CONSERVA WICH	HITA, KS	SION				
TUBING RECORD:	Size:	Set At	:	Packer	At:	Liner Run:	Yes 🗸	No	
	1 Production, SWD or En	hr.	Producing Meth	nod:	Flowing	l □ Pumpi	_		ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio	Gravity
		1					· · · · · · · · · · · · · · · · · · ·		
	ION OF GAS:			_	F COMPLE		mannin als d		ON INTERVAL: vals non-productive
Vented Sole (If vented, Su	d Used on Lease		Open Hole    Other (Specify)	Perf.		Comp. Co	mmingled		F



April 8, 2009

Kansas Corporation Commission 130 S. Market – Room 2078 Wichita, KS 67202

RE:

**Electric Logs & All Applicable Information** 

Kleeman #4-36

API 15-093-21838-00-00 Kearny County, KS

Devon Energy Production Company, L.P. requests that all electric logs and applicable information pertaining to the Kleeman 4-36 lease, including formation samples sent to the Kansas Geological Survey, are held confidential for the maximum applicable time period allowed by the Kansas Corporation Commission to include any future allowable extensions.

If you need additional information, please contact me at (405) 552-4515 or email at tonja.rutelonis@dvn.com.

Very truly yours,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Tonja Rutelonis

**Operations Engineering Associate** 

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APR 0 9 2009

CONSERVATION DIVISION WICHITA, KS



### Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 346244   Ship To #: 2696067   Quote #:   Sales Order #: 6
----------------------------------------------------------------------

Customer: DEVON ENERGY PROD CO LP-EBUSINESS Customer Rep: BOTTOMS, GARY
Well Name: Kleeman Well #: 4-36 API/UWI #:

Field: 36 City (SAP): LAKIN County/Parish: Kearny State: Kansas

Legal Description: Section 11 Township 22S Range 36W

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: BEREDCO Rig/Platform Name/Num: 2

Job Purpose: Cement Production Casing Ticket Amount:

Well Type: Development Well

Job Type: Cement Production Casing

Sales Person: MCCARTY, CHRIS

Srvc Supervisor: GRAVES, JEREMY

MBU ID Emp #: 399155

Activity Description	Date/Time	Cht	Rate bbl/ min	1	ume bi	Pres ps	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	12/16/2008 10:00							PRE TRIP TRUCKS
Pre-Convoy Safety Meeting	12/16/2008 11:00		·					JOURNEY MANAGEMENT AND SPOT AUDIT
Arrive at Location from Service Center	12/16/2008 14:00							TALK WITH COMPANY MAN ABOUT JOB PROCEDURES AND CALCULATIONS
Assessment Of Location Safety Meeting	12/16/2008 14:30		к	R ANSAS COF	ECEIVEL PORATION C	OMMISSION		SPOT TRUCKS
Running In Hole	12/16/2008 14:30			AP	R 0 9 20	09		5 1/2 15.5# CASING
Rig-Up Equipment	12/16/2008 18:30			1	ervation D	NISION		PUMPING LINES
Casing on Bottom	12/16/2008 20:30				WICHITA.K	<b>5</b>		RIG UP CEMENT HEAD AND CIRC FOR 30 MIN
Pre-Job Safety Meeting	12/16/2008 21:00							GIVEN BY JEREMY GRAVES
Start Job	12/16/2008 21:18						1.0	
Test Lines	12/16/2008 21:19		-				3500. 0	TEST LINES 3500PSI
Pump Spacer 1	12/16/2008 21:21	1	6	10	10		24.0	10BBLS MUD FLUSH
Pump Cement	12/16/2008 21:25		6	72	72		220.0	285SKS MIXED AT 14.2#
Drop Plug	12/16/2008 21:40						25.0	DROP BOTTOM PLUG
Clean Lines	12/16/2008 21:42						32.0	CLEAN LINES TO PIT
Pump Displacement	12/16/2008 21:45		6	112			27.0	

Sold To #: 346244

Ship To #:2696067

Quote #:

Sales Order #:

6385531

SUMMIT Version:

7.20.130

# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure	Comments
		#		Stage	Total	Tubing	Casing	
Slow Rate	12/16/2008 22:07		2	10	122		463.0	SLOW RATE LAST 10BBLS TO 2 BBLS PER MIN
Check Floats	12/16/2008 22:10							FLOATS HELD GOT BACK 1/2BBL
Bump Plug	12/16/2008 22:13						741.0	BUMP PLUG AT 650 AND TOOK 500PSI OVER
Drop Opening Device For	12/16/2008						24.0	DROP BOMB
Multiple Stage Cementer	22:15					·		·
Open Multiple Stage Cementer	12/16/2008 22:39						1225. 0	OPENED AT 1300PSI
End Job	12/16/2008 22:42							
Circulate Well	12/16/2008 22:45							CIRC WELL FOR 3HOURS BEFORE 2ND STAGE
Start Job	12/17/2008 02:23						.0	
Test Lines	12/17/2008 02:24						18.0	TEST LINES 2500PSI
Pump Spacer 1	12/17/2008 02:27		6	10	10		50.0	10BBLS MUD FLUSH
Pump Cement	12/17/2008 02:29		6	54	54		82.0	215SKS MIXED AT 14.2
Drop Plug	12/17/2008 02:44						20.0	HES TOP PLUG
Pump Displacement	12/17/2008 02:45		6	67			21.0	
Slow Rate	12/17/2008 03:01		2	10	77		236.0	SLOW RATE LAST 10BBLS DISPLACEMENT
Bump Plug	12/17/2008 03:06						689.0	BUMP PLUG AT 500PSI
Close Multiple Stage Cementer	12/17/2008 03:08		KANSAS	RECEIV ORPORATION	SUUD NCOMMISS SUUD	OV	1409. 0	TOOK PSI 1300 PER CUSTOMER REQUEST AND HELD FOR 3 MIN AND RELEASED
Check Floats	12/17/2008 03:09			ALCEBUATIO	NDIVISION			FLOATS HELD GOT BACK 1/4BBL
End Job	12/17/2008 03:15		C	WICHIT	A,KS		26.0	THANKS FOR CALLING HALLIBURTON
Pre-Rig Down Safety Meeting	12/17/2008 03:20							GIVEN BY ED CARILLO
Rig-Down Equipment	12/17/2008 03:30							PUMPING LINES

Sold To #: 346244

Ship To #:2696067

Quote #:

Sales Order #:

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SUMMIT Version: 7.

7.20.130

## Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure sig	Comments
· ·		#		Stage	Total	Tubing	Casing	
Depart Location for Service Center or Other Site	12/17/2008 04:00							JOURNEY MANAGEMENT

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APR 0 9 2009

CONSERVATION DIVISION WICHITA, KS

Sold To #: 346244

Ship To #:2696067

Quote #:

Sales Order #:

6385531

SUMMIT Version: 7.20.130



# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 34					269606				te #:				_		Orde	r#: (	3855	31
Customer: D	EVON EN	<u>IERGY</u>	PROD	CO L					tomer F	tep:	BOTT	OMS, (	GAF	₹Y				
Well Name: K	(leeman						4-36					API/						
Field:			ty (SAP					nty/Par	ish: Kea	arny			S	tate:	Kans	as		
Legal Descrij	ption: Se	ction 1	Town															
Contractor:	BEREDC	0 /2	6	l	Rig/Plat	form	Nam	e/Num	: 2									
Job Purpose	: Cemen	t Produ	ction Ca	asing														
Well Type: Do	evelopme	nt Well		,	Job Typ	e: Ce	emen	t Produ	ction Ca	sing								
Sales Person					Srvc Su	perv	isor:	GRAV	ES, JEF	REM	M	BU ID	Em	p#:	3991	55		
		<u> </u>						Person										
HES Emp	Name	Exp Hr	s Emp	#	HES		Name			Emp	#	HES	Em	p Nan	ne	Ex	p Hrs	Emp#
CARRILLO,		14	37126		CLEMEN	IS, AI	OHTV			19851		LORES	RL	JBEN		8.	5	447193
EDUARDO			ļ		Jason							strada						
FLORES	1005	13	45783	32	GRAVES	S, JEF	REMY	L   1	14   :	39915	55							
CARRASCO, Emmanuel	JOSE		-														ĺ	
Lillinanuei			1				Fai	uipmer										
HES Unit#	Distance	-1 way	HES U	Init #	Dista	nce-1	way		S Unit#	Di	stance	-1 wav	Ti	HES U	nit #	Т Г	)istano	e-1 way
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10547690	45 mile		54218		45 mile			6610	กม	45	mile		D	0132		4:	5 mile	
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			Job											Time	s			
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Water Depth			٧	Vk Ht	Above F	loor		3. ft	Job Co	mple		17 - De				3:15		CST
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Open Hole 320	00-				7.875						<del> </del>		320	00.	530	0.		
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Curiaco Gaomi	n			.020						•								
		'			S	ales/	Renta	al/3 <sup>rd</sup> P	arty (HE	ES)								
			De	scrip	tion						Qty	Qty u	om	Dep	th		Supp	olier
CEMENTER - I	MULT STA	GE - 5-	1/2 8RD			250	EIVE	- COMMIS	SION		1	EA						
PLUG SET - FI	REE FALL	5-1/2	8RD &			WE!	RATIO	MCOM.			1	EA						
SHOE,FLOAT,	5 1/2 8RD	,2 3/4 S	UPER S	EAL	tion KANSAS	COLL	^	Pnnc			1	EA						
CLR,FLT,5-1/2	8RD,14-2	3PPF,2	-3/4			APF	102	500a			1	EA						
						274.1			- 4 4						-T			
CENTRALIZER	R ASSY -	TURBO -	API -					ONDIVIS TA,KS	IOM		25	EA	\					

Summit Version: 7.20.130

# Cementing Job Summary

					Desc	criptio	n						Qty	Qty uom	Dep	th		Sup	plier	
	R-STC		'2"-W/	DOGS									4	EA						
(IT,HA	LL WE	LD-A											1	EA						
	, _			·			1	Tools :	and Acc	ess	ories									
Ty	ре	Size	Qty	Make	Depth	Ту	<b>/pe</b>	Size	Qty	Ma	ke l	Depth		Type	S	ze	(	Qty	M	ake
Guide	Shoe	5 1/2	1	HES	5301	Packe	r						Тор	Plug						
Float S	Shoe					Bridge	e Plug						Bott	om Plug						
Float C	Collar	5 1/2	11	HES	5214	Retair	ner							plug set		1/2		1		IES
nsert														Contain		1/2		1		IES
Stage '	Tool	5 1/2	1	HES	3227								Cent	ralizers	5	1/2		25	H	IES
									aneous	Mat								·		
Gelling				Co			Surfac				Conc			d Type			Qty		Conc	: %
Treatm	ent Fl	d		Co	nc	<u> </u>	Inhibit				Cond	;	San	d Type	<u> </u>		Size		Qty	
									Fluid Da	ata									*	
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RECEIVED KANSAS CORPORATION COMMISSION

APR 0 9 2009

CONSERVATION DIVISION WICHITA, KS



# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 3						#: 269606				ote#						aies (	Order	#: b	3037	3U
Customer: I			RGY F	PROD	CC					stom	er R	lep: B	erna	rd, Chr						
Well Name:	Kleer	man				W	ell #:	4-36	3					API/	UWI	#:				
Field:			Cit	y (SA	P): l	LAKIN		Cou	nty/Pa	arish:	Kea	arny			S	tate:	Kansa	as		
Legal Desci	riptio	n: Sect							_	· · -										
Contractor:						Rig/Platf			ne/Nu	m: 2	2									
Job Purpos					ina	<del> </del>											-		-	
Well Type: [					<u>.</u>	Job Type	a. Ce	men	nt Surf	ace C	asin	na								
Sales Perso				IDIC		Srvc Sur						<u>'9</u>	R/	BU ID	Emi	n #·	24305	5		
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HES Emp	Nam	e F	xp Hrs	Fm	p#	HES				Exp H	rs	Emp#	: T	HES	Fm	p Nan	16	Exn	Hrs	Emp#
CARRILLO,			4	3712		OLDS, R				4		306196		DLIPHA				4		243055
EDUARDO			•					_	İ	-					,					
		•				•		Eq	uipm	ent										
HES Unit#	Dist	tance-1	way	HES	Unit	# Distar	nce-1	way	Н	ES Un	nit#	Dist	ance	e-1 way	, F	HES U	Init#	Di	stanc	e-1 way
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12-7-08		· 4		2																
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Form Type					BHS			_				ation		07 - D			12:			CST
Job depth M	D	2	100. ft			Depth TVD		2	2100. ft			arted		07 - D			13:			CST
Water Depth			—-т		Wk	Ht Above F	oor		4. ft			mplet		07 - De			15:			CST
Perforation D	epth	(MD) F	rom			То					part	ed Loc	;	07 - De	ec - 2	2008	16:	00		CST
			1 ===						ell Da											
Description	on	New /			Size	1 1	Weig	- 1		Threa	ad		Gra	ade	Top		Botto		Top TVD	Bottom
		Used	press		in	in	lbm	/π							ft	•	MD ft		ft	TVD ft
Surface Oper	n		psi	9		12.25				· · · · · · · · · · · · · · · · · · ·							2100	1	11.	11
Hole	.,					12.20									•		00			
Surface Casi	ng	Unknow	v		8.62	5 8.097	24		8	RD (S	T&C)	)	J-	55			2100			
		n			····															
							les/l	Rent	al/3 <sup>rd</sup>	Party	(HE	:S)		T =	-					
						ription							Qty	Qty u	_	Dep	th		Supp	lier
SHOE,FLT,8-					:AL	KANSAS	- C.	CEN	VED UNCON	<del>uncelo</del>	M		1	EA						
CLR,FLT,TRO				עא			AND A	TARO	ONCON	UMIOO			1	EA						
AUTOFILL KI						KANSAS	VOIN	<del></del>	<del>- nnn</del>	a			1	EA			_			
CENTRALIZE					χ		AP	<u>20'</u>	<u> 700</u>	<u> </u>			15	EA						
CLP,LIM,8 5/8			DOGS	<u> </u>			L-/1	• •	MOLION.	HOIZH			1	EA	لمنسب					
KIT,HALL WE							CONS	ERVAT	IONDIV				1	EA						_
PLUG,CMTG	, FOP,	8 5/8,H\	WE,7.2	U MIN	/8.09	/ IVI/ \		41101					1	EA	<u> </u>					
		-T	I		T				d Acc				т			1 =				T == -
Туре	Size	Qty	Make	Dep		Туре	Siz	ze	Qty	Mak	(e   l	Depth		Туре	•	<u>S</u>	ize	C	Qty	Make
Guide Shoe		-		ļ		Packer	ļ			1	-			Plug		<u> </u>				-
Float Shoe				ļ		Bridge Plug	-			-	_			tom Pl		+-				
Float Collar				ļ	ĮF	Retainer	1-				-			R plug :		-				ļ <u>.</u>
Insert Float		-		-			<del> </del>	+		<del> </del>	+			g Cont tralize		+				
Stage Tool	l			]						<u> </u>			cer	ııralize	15					1

# Cementing Job Summary

					Misc	cellane	ous Mat	erials							
Gelling	g Agt			Conc	Surfactan	it		Conc	Açi	d Type			Qty	Cor	ıc %
Treatn	nent Fld			Conc	Inhibitor			Conc	Sar	nd Type			Size	Qty	
		-				Flu	id Data								
St	tage/Plug	#: 1													*. *
Fluid #	Stage 1			Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal			k Fluid al/sk	Rate bbl/min	II.	l Mix Gal/sk
1	Extenda@ MC III	Cem	EXT	ENDACEM (TM)	SYSTEM (4	52981)	675.0	sacks	12.3	2.06	1	1.43	3.0	11	.43
	2 %		CAL	CIUM CHLORIDE	- HI TEST F	PELLET	(1000050	53)							
	0.25 lbm		POL'	Y-E-FLAKE (1012	216940)										
	11.426 Ga	al	FRES	SH WATER						•					
2	HalCem I	MC III		- PREMIUM PLU 12205)	JS CEMENT		270.0	sacks	14.8	1.34		6.32	3.0	6.	32
	94 lbm		CMT	- PREMIUM PLU	JS - CLASS	C REG	OR TYPE	III, BUL	K (10001	2205)					
	2 %		CAL	CIUM CHLORIDE	- HI TEST F	PELLET	(1000050	53)	·						
	0.25 lbm		POL'	Y-E-FLAKE (1012	216940)										
	6.324 Ga		FRE	SH WATER										_	
3	Water Displacem	ent				·	132.00	bbl	8.34	.0		.0	6.0		
Ca	alculated	<b>Values</b>	;	Pressu	res					Volume	s				
Displa	cement			Shut In: Instant			eturns		Cement				Pad		
Top O	f Cement			Min			t Returns		Actual [				Treatn		
Frac G	iradient			I5 Min		Space		<u> </u>	Load an	d Break	nwot		Total .	Job	
						F	Rates								
	lating		1 -	Mixing	lau	<del></del>	Displac	ement				Avg. J	ob		
	ent Left In		Amo			Joint	1= =:	"		·n	T		#40		
Frac	Ring # 1 @	2	ID	Frac ring # 2	2 @    I	D	Frac Rin			ID	Frac	King	#4@	10	J
TI	ne Inforn	nation	Stat	ed Herein Is	Correct	Custor	mer Repres	entative \$	Signature						

RECEIVED KANSAS CORPORATION COMMISSION

APR 0 9 2009

CONSERVATION DIVISION WICHITA, KS

Summit Version: 7.20.130

Sunday, December 07, 2008 16:08:00

### Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 346244 Ship To #: 2696067 Quote #: Sales Order #: 6363130 Customer: DEVON ENERGY PROD CO LP-EBUSINESS Customer Rep: Bernard, Chris

Well Name: Kleeman Well #: 4-36 API/UWI #:

Field: City (SAP): LAKIN County/Parish: Kearny State: Kansas

Legal Description: Section 11 Township 22S Range 36W

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: BEREDCO Rig/Platform Name/Num: 2 2

Job Purpose: Cement Surface CasingTicket Amount:Well Type: Development WellJob Type: Cement Surface Casing

Sales Person: MCCARTY, CHRIS Srvc Supervisor: OLIPHANT, CHESTER MBU ID Emp #: 243055

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl	Pres	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	12/07/2008 07:30							DEVON ENERGY / KLEEMAN 4-36 / 8 5/8 SURFACE CASING / 5 HR CALL OUT / ROL 12:30
Safety Huddle	12/07/2008 09:00							JOURNEY MANAGEMENT / PRETRIP EQUIPT. / LOAD TOOLS AND CHEMICALS FOR JOB
Arrive At Loc	12/07/2008 12:00							CONSULT WITH CUSTOMER / VERIFY ALL PRODUCTS ON LOCATION / COLLECT JOB DATA / CASING CIRCULATING ON BOTTOM
Assessment Of Location Safety Meeting	12/07/2008 12:05							IDENTIFY LOCATION HAZARDS / BEST PLACEMENT OF EQUIPTMENT
Safety Meeting - Pre Rig-Up	12/07/2008 12:10		KANSA	RECE SCORPORA	3 5003 100 COWWI	ssI <b>O</b> 1		DISCUSS LOCATION HAZARDS / PINCH POINTS / TEAM LIFT / USING SPOTTERS /
Rig-Up Equipment	12/07/2008 12:15			- NICEDIA	HITA, KS	<b>DN</b>		SPOT TRUCKS AND LAY LINES FOLLOWING SAFETY GUIDELINES

Sold To #: 346244

Ship To #:2696067

Quote #:

Sales Order #:

6363130

SUMMIT Version:

7.20.130

Sunday, December 07, 2008 04:08:00

# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	t	ume bl	Pres ps	sure sig	Comments
		#	"""	Stage	Total	Tubing	Casing	
Safety Meeting - Pre Job	12/07/2008 12:25						,	DISCUSS JOB PROCEDURE AND REVIEW CALCULATIONS / DISCUSS JOB HAZARDS / EMERGENCY SHUTDOWN AND RECOVERY PLANS / SWITCH LINES TO HALLIBURTON
Start Job	12/07/2008 13:39							8 5/8 SURFACE CASING / 24# 2105 FT/ 45 FT SHOE
Test Lines	12/07/2008 13:41						2500. 0	MAXIMUM PRESSURE SET @ 1500 PSI / TEST LINES TO 2500 PSI
Pump Lead Cement	12/07/2008 13:43		6	247	0		200.0	675 SK MHLC @ 12.4 PPG
Pump Tail Cement	12/07/2008 14:25		6	64	247		220.0	270 SK PREM PLUS @ 14.8 PPG
Shutdown	12/07/2008 14:36				311		275.0	FINISHED MIXING CEMENT
Drop Top Plug	12/07/2008 14:37		-					HWE TOP PLUG / VERIFY PLUG LEFT HEAD
Pump Displacement	12/07/2008 14:38		6	131	0		35.0	FRESH WATER DISPLACEMENT
Stage Cement	12/07/2008 15:01		2		120	600.0	500.0	SLOW RATE TO 2 BPM TO LAND PLUG
Bump Plug	12/07/2008 15:05		2		131		600.0	FINISH DISPLACEMENT
Pressure Up	12/07/2008 15:06						1100. 0	TEST FLOAT
Release Casing Pressure	12/07/2008 15:09			DI	131 ECEIVE	ANSONA.	.0	FLOAT HOLDING / CIRCULATED 70 BBL CEMENT TO PIT / 190 SK
Safety Meeting - Pre Rig-Down	12/07/2008 15:15		К	ansas cor <b>A</b> F	R 0 9 2	109 109		DISCUSS PINCH POINTS / LINE OF FIRE / FATIGUE / REVIEW JOURNEY MANAGEMENT
Rig-Down Equipment	12/07/2008 15:25				WICHITA			TEAR DOWN LINES FOLLOWING SAFETY GUIDELINES

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Sunday, December 07, 2008 04:08:00

### Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	·
Rig-Down Completed	12/07/2008 15:55							PREPARE TO LEAVE LOCATION
Depart Location for Service Center or Other Site	12/07/2008 15:59							THANK YOU FOR CALLING HALLIBURTON
End Job	12/07/2008 16:00							CHESTER AND CREW

RECEIVED CANSAS CORPORATION COMMISSION

APR U 9 2009

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