KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

AUG 1 7 2010

Form ACO-1 October 2008 Form must be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

, 4540	API NO. 15- 189-22696-00-00							
OPERATOR: License #4549								
Name: ANADARKO PETROLEUM CORPORATION	Spot Description:							
Address 1:P.OBOX_1330	<u>NE - NE - SW - SE</u> Sec. <u>32</u> Twp. <u>31</u> S. R. <u>38</u> ☐ East 🗵 Wes							
Address 2:	1250 Feet from North / X South Line of Section							
City <u>HOUSTON</u> State <u>TX</u> Zip: <u>77251</u> + <u>1330</u>	1390 Feet from 🔀 East / 🗌 West Line of Section							
Contact Person: MELANTE WIGGINS	Footages Calculated from Nearest Outside Section Corner:							
Phone (832) 636-1053	NE NW SE SW							
CONTRACTOR: License #33784	County Stevens							
Name: Trinidad Drilling LP	Lease Name Libby A Well # 3H							
Wellsite Geologist:	Field Name <u>Hugoton</u>							
Purchaser: Anadarko Energy Services Company	Producing Formation Chase							
Designate Type of Completion	Elevation: Ground 3166 Kelley Bushing							
X New Well Re-Entry Workover	Total Depth Plug Back Total Depth							
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at Feet							
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used?							
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth setFeet							
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from							
(Core, WSW, Expl., Cathodic, etc.) If Workover/Reentry: Old Well Info as follows:	feet depth tow/sx cmt.							
Operator:	Drilling Fluid Management Plan							
Well Name:	(Data must be collected from the Reserve Pit)							
Original Comp. Date Original Total Depth	Chloride content 2600 ppm Fluid volume 60 bbls							
Deepening Re-perf Conv.to Enhr Conv.to SWD	Dewatering method used <u>HAUL OFF</u>							
Plug BackPlug Back Total Depth	Location of fluid disposal if hauled offsite:							
Commingled Docket No								
Dual Completion Docket No	Operator Name ANADARKO PETROLEUM CORPORATION							
Other (SWD or Enhr?) Docket No.	Lease Name KEEFER A 1 License No. 4549							
04/13/2010 04/15/2010 04/30/2010	Quarter SW Sec. 13 Twp. 32 S R. 38 East X West							
Spud Date or Date Reached TD Completion Date or Recompletion Date	County STEVENS Docket No. D17157							
INSTRUCTIONS: An original and two copies of this form shall be filed wit	h the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita,							

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 on 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.

are complete and correct to the best of my knowledge.	. 🕠
Signature Welding 11/094	
Title REGULATORY ANALYST	Date 08/13/2010
Subscribed and sworn to before me this 13TH day	of AUGUST,
20 10.	TO STORY TO
Notary Public al una la	DEE ANNA FRANKLIN Thy Commission Expires
Date Commission Expires	January 08, 2013

Letter of Confidentiality Attached

If Denied, Yes Date:

Wireline Log Received

Geologist Report Received

UIC Distribution

Opera	tor Nar	me A	NADAR	KO PE	IROLEU	M CORPO	RATION		Lease N	lame	Libby A		Well #	<u>3H</u>	
				S.R.		☐ Eas		st	County	_St	evens				
ne too cover	l open	and c	losed, ' ates if g	flowing : jas to si	and shut urface du		res, whether along with fir					II drill stem tests giv II, hydrostatic press Ire space is needed			
Drill Si	tem Te	sts Ta	iken nal She	ets)		☐ Ye	s X No		X r	_og ,		Formation (Top), D	epth and Da	itums	Sample
,				al Surv	еу	☐ Ye	s 🗓 No		Name	,		Тор	Dat	um	
Cores	Taken	1				☐ Ye	s 🗓 No					4.400			
	ic Log l					X Ye	es 🗌 No	•	Base Co			1407 1718			
	List All E.Logs Run:					Chase	cone	Corral	2438						
CEME	NT BC A RAY	ND L	OG						Council	l Gr	ove	2744			
P	urpose	of Str	ing		Repor	t all string	ING RECOR s set-conduct e Casing (In O.D.)		X New [rface, inter		ed ate, production Setting Depth	n, etc. Type of Cement	# Sacks Used	Туре	and Percent Additives
					711100								470	20 (28. 65
SUR	FACE			12.2		8 5/8		24			690	STANDARD			PALAD
PRO	DUCTI	ON		7.87	75	5 1/2		14	4		2905	MIDCON50/50 T0C=229	480	.5 1	TALAD
L				I		1	ADDITIONA	L CEM	ENTING/S	QUE	EZE RECORI	D			
Pur	Pro	rforate otect C ug Bac ug Off	Casing k TD		epth Bottom	Туре	of Cement	1	#Sacks Us	ed		Type and Per	cent Additive	es 	
s	Shots P	er Fo	ot	PE	RFORA Specify	TION REC	CORD - Bridgof Each Inter	ge Plug rval Pei	s Set/Type rforated)	Acid, Fract	ure, Shot, Cement S unt and Kind of Mate	Sqeeze Rec erial Used)	ord	Depth
2				2636-	-50; 2!	596-2602	2; 2531-3	7; 24	73-79		Frac w/:	137,634 gals 2	0# x-lin	ced	2473-2650
											borate !	5% KCL w/300,0	00# 12/20	Osnd	2473-2650
1	BING R			Size 2 3/1		26	et At 672		Packer At		Liner Run	☐ Yes 🗓	No		
			esume	d Produ	ction, S	WD or Er	nhr. Pr		g Method] Flowing	XF	Pumping [Gas Lift	ner (Explain))	
	/30/2 imated Per				Oil 0	Bbls	s. Gas 25		Mcf	Wat 0	er Bbls	. Gas-Oil	Ratio		Gravity
		DISP	OSITIO	ON OF C	GAS:			М	ETHOD OF	CON	MPLETION		Produ	iction In	terval
	_	ed [Solo	· 🗆	Used on	Lease	Open H	Hole X	Perf.	Dua	illy Comp.	Commingled	2473 -	- 2650	
	(If	vente	d, subi	mit ACC)-18.)	. 1	Other	(Specif	ý)						

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL'

Kansas Corporation Commission, Conservation Division Finney State Office Building, 130 South Market, Room 2078 Wichita, Kansas 67202

PI NUMBER 15-	LOCATION OF WELL: COUNTY Stevens
PERATOR Anadarko Petroleum Corporation	
	1250 feet from south/merth line of section 1390 feet from east / mest line of section
EASE Libby A ELL NUMBER 3H TELD Hugoton	1390 1890 110m 8450 / ADAM 2200 01
'IELD Hugoton	SECTION 32 TWP 31 (S) RG 38 XXEV W
NUMBER OF ACRES ATTRIBUTABLE TO WELL640	IS SECTION X REGULAR OF IRREGULAR
TR/QTR/QTR OF ACREAGE NE - SW - SE	IF SECTION IS IRREGULAR, LOCATE WELL FROM
tr/dry/dry or years	NEAREST CORNER BOUNDARY. (check line below)
	Section corner used: NE NW SE SW
(Show the location of the well and shade attr (Show the footage to the nearest lease or uni- common source supply well).	ributable acreage for prorated or spaced wells). t boundary line; and show footage to the nearest
	0
• • • •	RECEIVED
° °° ° °° ° °° ° °° °° °° °° °° °° °° °	
29	AUG 1 7 2010
• • •	, 194
	KCC WICHITA
	1,00 11111
	EXAMPLE .
CONNER	R °
CANVER	1
ckase	· · · · · · · · · · · · 1980
chase.	
ن من ا	2
32 3	3390
	0 0
Lbby	
	SEWARD CO.
The undersigned hereby certifies as St	aff Regulatory Analyst (title) for
•	
Anadarko Petroleum Corporatio	(Co.), a duly authorized agent, that all
information shown hereon is true and correct	to the best of my knowledge and belief, that all
acreage claimed attributable to the well ha	med herein is held by production from that well a to be assigned to the well upon the filing of
and hereby make application for an allowable this form and the State test, whichever is	later.
fuls lotm and the state test, witshing	
Sign	lature Llona Smarx
WINDLE HTHA NOW	1116 0 1 2000
Subscribed and swork to before me on this	day of December, 19 2007
- A OF	Ball male
ME Commission expires 12-27-09	Notary Public
1 1 27 20	FORM CG-8 (12/94)
ME Commission expires 12-21-0-0	some on a feel sal
My Columination expires 12-27-09	
19 12-27-2009	a

· HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #:	3004	66		Ship	To#	: 27789	07		Quo	te #:				S	ales	Order	#: 73	011	23
Customer:	ANA	DARK	PET	ROLEU	M C	ORP - E	BUS		Cus	tome	r Rep:	Cool	ι, Jun	ior					
Well Name	: LIBE	3Y				W	ell #:	A-3H					A	PI/UW	 #:				
Field:			Ci	ty (SAF	P): H	UGOTO	N	Count	y/Par	ish:	Steven	s		S	tate:	Kansa	is		
Contracto	: TR	INIDAE)			Rig/Plat	form	Name	/Nun	: 20	8								
Job Purpo	se: C	Cement	Surfa	ce Casi	ng	 -													
Well Type:						Job Typ	e: Ce	ement	Surfa	ce C	asina								
Sales Pers				~~~~ ~~~~~~		Srvc Su MERSH	pervi						мви	D Em	ıp #:	19581	1		
								Job Pe	erson	nel		1						···	
HES En	ıp Nar	ne	Exp Hr	s Emp	#	HES		Name		кр Нг	s Em) #	HI	S Em	p Naı	me	Exp H	irs	Emp#
HAYES, C			9.3	4493		LOPEZ,				9.3	1985			, ADO			9.3		419999
WILTSHIF MERSHEK			9.3	1958	11		***************************************			~~~									
		•						Equi	pmer	nt			•						
HES Unit #	Dis	stance-	1 way	HES U	nit #	Dista	nce-1	way	HE	S Uni	t# D	istan	:e-1 w	ay	HES (Jnit#	Dist	anc	e-1 way
								Job	Hour	S	•								
Date	_ I	Locati Hours	on C	peratin Hours	g	Date	(On Loc Hou		O	peratino Hours	3	Da	ite	On	Locat Hours	ion		erating łours
										<u></u>									
TOTAL									Total i	s the	sum of	each (columr						
		·		Job						<u> </u>					Time				
Formation I		(225) 7								<u> </u>				Date		Tin			ne Zone
Formation [epth	,		\		Botto	m				ed Out		13 - Apr - 13 - Apr -				5:00 CST		
Form Type Job depth N	40		<u>90 /</u> 675. ft		HST	AL T3/D					_ocatio					19:			CST
Water Depti			97 5. IL			epth TVD Above F		+	57 ft ft		Started			Apr - 2		02:			CST
Perforation		(MD)E	rom		VK III	To	1001	<u> </u>		_	Complearted L			Apr - 2 Apr - 2		05:0			CST CST
renoration	Берин	Тиг	10111			10		Mall	Data		arteu L	OC	14 -	Apı - 2	2010	1 03.	1		<u> </u>
Descripti	on	New /	Ma	ax S	ize	ID	Weig			hread		G	ade	Ton	MD	Botto	n T	op	Bottom
2000		Used	pres	1	in	in	lbm/		•	meac			auc	e Top MD		MD	- 1	/D	TVD
			ps	- 1											لسر				ft
Production						7,825	_							67		3750.	2003	me de	
8 5/8 Surfac	e	Unknov	V	8.	625	8.097	24.									97 0.	ŀ		
Casing Cement		<u>n</u> Unknov				4.074		-								690	M)		
Cement Production C		Unknov n	V	1	5.5	4.974	76. 14	ww.								3750 290			
Toddolloll C	uomg		l			Sa	les/R	ental/	3rd Da	rty (I	HEG)			<u> </u>	!	240.	MO		
				Des	script		.00/11	Ciican			ilo,	Qty	Otv	uom	Dep	th.	9	ирр	lior
SHOE,GID,8	-5/8 81	RD					·····					1		A	Dep	,,,,		app	IICI
VLVASSY,IN		***************************************	5/8 8R	D, 24 lbs	s/ft			 				1		A					
FILLUP ASS					•							1		Α			• • •		
CENTRALIZI	R AS	SY - AF	1 - 8-5/	8 CSG	ζ							3	→	Α					
BASKET - C	EMEN [*]	T - 8 5/8	CSG.	X 12 1/4								1		Α					
PLUG,CMTG	,TOP,	8 5/8,H	WE,7.2	8/NIM 0	.09 N	1A		·				1		Α					
							Tools	s and /	Acces	sorie	es								
Туре	Size	Qty	Make	Depth		Туре	Size			lake	·	h	Тур	е	S	ize	Qty	,	Make
Guide Shoe					Pac								Plug		1				
Float Shoe					Bric	dge Plug							tom F		1.				
Float Collar					Ret	ainer						SS	R plug	set					
nsert Float														tainer					
Stage Tool	<u> </u>			1	1				L			Cei	ntraliz	ers	1			_,,	
																Į	REC	:17	ED

Summit Version: 7.20.130

Wednesday, April 14, 2010 04:06:00

AUG 1 7 2010

HALLIBURTOR

Cementing Job Summary

[Mis	cellane	ous Mat	terials						
Gellin	g Agt		Co	nc	Surfacta	nt		Conc	Acid	Туре		Qty	Conc	: %
Treatr	nent Fld		Co	nc	Inhibitor			Conc	Sand	d Type		Size	Qty	
						Flu	id Data							
S	tage/Plug	#: 1												
Fluid #	Stage [*]	Гуре		Fluid	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid G	
1	Water Pr Flush	е-						bbl	8.33	.0	.0	5.0		
2	HALLIBU LIGHT STANDAR		HALLIB SBM (12	URTON LIG 313)	HT STANDA	ARD -	350.0	sacks	12.4	2.09	11.42	5.0	11.4	2
	2 %		CALCIU	M CHLORID	E - HI TEST	PELLET	(100005	053)						
	0.5 lbm		POLY-E	-FLAKE (101	216940)									
	11.423 Ga	al	FRESH	WATER										
3	Standard]	CMT - S	CMT - STANDARD CEMENT 220.0 sacks 15.6 1.2 5.24								5.0	5.2	4
	Cement		(1000036								<u> </u>	<u> </u>		
	94 lbm			TANDARD -					0003684)					
	2 %		CALCIU	M CHLORID	E - HI TEST	PELLET	(100005	053)						
	0.25 lbm		POLY-E	-FLAKE (101	216940)									
	5.238 Ga	l	FRESH	WATER										
4	Displace	ment						bbl	8.33	.0	.0	5.0		
C	alculated	Values		Pressu	res				V	olumes				
	cement			t In: Instant		Lost Re	eturns		Cement S			Pad		
	f Cement		5 Mi				t Returns		Actual Di			Treatn		
Frac G	Sradient		15 N	/lin		Spacer			Load and	Breakdo	wn	Total	lob	
					·	R	ates						-	
	lating			Mixing			Displac	ement			Avg. J	ob		
	ent Left In		Amount			Joint			r					
Frac	Ring # 1 @		ID	Frac ring # 2	2@		Frac Rin			2 1	rac Ring	#4@	ID	<u> </u>
TI	ne Inform	nation	Stated	Herein Is	Correct	Custer	er Represe	ntative Sig	gnature					

RECEIVED
AUG 1 7 2010

'HALLEURTON

Sold To #: 300466

Ship To #: 2778907

Cementing Job Log

Sales Order #: 7301123

The Road to Excellence Starts with Safety

Quote #:

Customer: ANADARKO PETR	OLEUM CORP -	EBUS	С	ustome	r Rep: Co	ook, Junio	r	
Well Name: LIBBY		Well #	: A-3H			API	/UWI #:	
	(SAP): HUGOTO	ON C	ounty/P	arish: Si	levens		State:	Kansas
Legal Description:								
Lat:				ong:				
Contractor: TRINIDAD	Rig/Pl	atform	Name/N	um: 208				
Job Purpose: Cement Surface						Ticket	Amount:	
Well Type: Development Well	Job Ty	ype: Ce	ment Su	rface Ca	sing			
Sales Person: HESTON, MYR	ON Srvc S MERS		sor: WIL	.TSHIRE	,	MBU IC) Emp #:	195811
Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl	1	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	04/13/2010 16:00							
Arrive At Loc	04/13/2010 19:30							
Pre-Job Safety Meeting	04/13/2010 19:45							
Start Job	04/14/2010 02:55							
Test Lines	04/14/2010 02:56			·			2500. 0	
Pump Lead Cement	04/14/2010 03:00		6	130			80.0	350 SKS HLC @ 12.4#
Pump Tail Cement	04/14/2010 03:23		6	47			90.0	220 SKS CLASS A @ 15.6#
Drop Top Plug	04/14/2010 03:30		6		177		90.0	END CEMENT
Pump Displacement	04/14/2010 03:33		6	41			.0	RIG WATER
Other	04/14/2010 03:40		2	31			130.0	SLOW RATE
Other	04/14/2010 03:44						170.0	PRESSURE BEFORE LANDING PLUG
Bump Plug	04/14/2010 03:44		2		41		950.0	FLOAT HELD
End Job	04/14/2010 03:47							
Cement Returns to Surface	04/14/2010 04:00							60 BBLS OF CEMENT TO SURFACE

RECEIVED

AUG 1 7 2010

KCC WICHITA

Sold To #: 300466

Ship To #:2778907

Quote #:

Sales Order #:

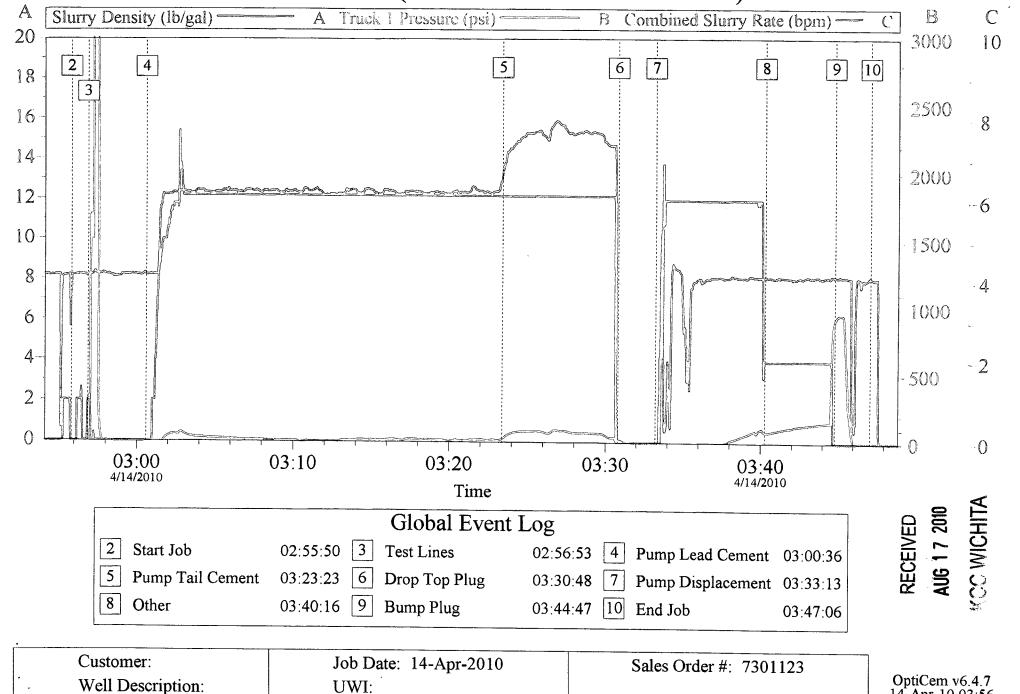
7301123

SUMMIT Version:

7.20.130

Wednesday, April 14, 2010 04:06:00

ANADARKO PETROLEUM LIBBY #A-3H (8 5/8 SURFACE CASING)



14-Apr-10 03:56

UWI:

KEUEIVED

AUG 1 7 2010

HALLIBURTON

KCC WICHITA Cementing Job Summary

The Road to Excellence Starts with Safety Quote #: Sales Order #: 7308426 Sold To #: 300466 Ship To #: 2778907 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: API/UWI #: Well Name: Libby Well #: A-3H Field: GREENWOOD City (SAP): HUGOTON County/Parish: Stevens State: Kansas GAS AREA Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD #208 Job Purpose: Cement Production Casing Well Type: Development Well Job Type: Cement Production Casing Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE, MBU ID Emp #: 195811 MERSHEK Job Personnel **HES Emp Name** Exp Hrs Emp# HES Emp Name Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# AQUILERA, FABIAN 11.3 442123 LOPEZ, JUAN R 11.3 198514 TORRES, CLEMENTE 344233 11.3 WILTSHIRE. 11.3 195811 MERSHEK Tonje **Equipment** Distance-1 way **HES Unit #** HES Unit # Distance-1 way **HES Unit #** Distance-1 way HES Unit # Distance-1 way Job Hours On Location Operating Date 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 Formation Depth (MD) Top Bottom Called Out 15 - Apr - 2010 16:30 CST 2905 MW BHST CST Form Type 29 MWOn Location 15 - Apr - 2010 19:30 Job depth MD 2905. ft Job Depth TVD 2905. ft 16 - Apr - 2010 04:39 CST Job Started Water Depth Wk Ht Above Floor 5. ft 16 - Apr - 2010 Job Completed 05:36 CST Perforation Depth (MD) From To Departed Loc 16 - Apr - 2010 07:00 CST Well Data Description New / Max ID Weight Size Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft MD TVD **TVD** psig ft ft ft 5 1/2 Production Unknow 5.012 3750. 5.5 14. m Casing n 2905 Unknow 675. **Production Open** 5.5 5.012 14. (go mu) w Hole n <u> 29</u>05 Surface Casing Unknow 8.625 8 097 24 675. MM n Sales/Rental/3rd Party (HES) Description Qty | Qty uom Depth **Supplier** SHOE, GID, 5-1/2 8RD EΑ PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG FA BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN 1 EΑ CENTRALIZER ASSY - TURBO - API -14 EΑ KIT, HALL WELD-A EΑ **Tools and Accessories** Size Qty Make Depth Type Type Size Qtv 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

Summit Version: 7.20.130

Friday, April 16, 2010 05:49:00

Cementing Job Summary

					Mis	cellane	ous Ma	terials			- · · · · · · · · · · · · · · · · · · ·			
Gellin	g Agt		Co	nc	Surfacta	nt		Conc	Acid	Туре		Qty	Conc	%
Treatr	nent Fld		Co	nc	Inhibitor			Conc		d Type		Size	Qty	
						Flui	d Data					.t	·	.1
S	tage/Plug	#: 1				:	· · · · · · · · · · · · · · · · · · ·				* * ****			-
Fluid #	Stage T	уре		Fluid I	Vame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total I Fluid G	
1	Water Pre	}-						bbl	8.33	.0	.0	6.0		
2	Mid-Con : Standard	2	MIDCO (15078)	N-2 CEMENT	STANDARI	D-SBM	200.0	sacks	11.4	2.89	9 17.84 6.0			4
	0.25 lbm		POLY-E	-FLAKE (101	216940)						_1			
	17.838 Ga	I	FRESH	WATER										~
3	50/50 Poz Standard		POZ ST	ANDARD 50	/50 - SBM (1	2308)	280.0	sacks	13.3	1.63	7.25	6.0	7.25	
	10 lbm		KOL-SE	AL, BULK (10	00064233)		L					.L		
	0.5 %		HALAD(R)-322, 50 LI	3 (10000364	6)								
	0.25 lbm		POLY-E	-FLAKE (101	216940)									
	7.25 Gal		FRESH	WATER					7		, , , , , , , , , , , , , , , , , , , 	*		-
	2% Clay-F Water w/ B Displacem	iocide					70.00	bbl	8.33	.0	.0	6.0		
	0.105 gal/bl	ol	CLAYFIX	X 3, TOTETA	NK (101583	425)					<u> </u>			
	0.021 gal/bl	ol	BE-7, TO	OTE TANK (1	01649552)	· · · · · · · · · · · · · · · · · · ·								
	42 gal/bbl		WATER	- FRESH - G	AL (24047)		·····			·····				
Ca	alculated \	/alues		Pressu	res				V	olumes				
	cement		Shu	l in: Instant		Lost Re	turns		Cement S	lurry		Pad		
	f Cement		5 Mi	n		Cement	Returns		Actual Di	splacem	ent	Treatm	ent	
Frac G	radient		15 N	lin		Spacers	3		Load and	Breakdo	wn	Total J	ob	
						Ra	ates							
Circulating Mixing					Displac	ement			Avg. J	ob				
	ent Left In	, , , , , ,	Amount		ason Shoe									
Frac F	Ring #1@		ID	Frac ring # 2	@ 11	D	Frac Rin	g#3@	םו		Frac Ring	#4@	ID	
Th	ne Inform	ation	Stated	Herein Is (Correct	Custome	r Represe	ntetive Sig	gnature					

RECEIVED AUG 1 7 2010

KCC WICHITA

Sold To #: 300466

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2778		C	uote #:		Sales Order #: 7308426					
Customer: ANADARKO PETF	ROLEUM CORP -	EBUS	c	ustome	r Rep:						
Well Name: Libby		Well #	: A-3H			API	/UWI #:	· · · · · · · · · · · · · · · · · · ·			
Field: GREENWOOD Cit	y (SAP): HUGOTO	ON C	ounty/P	arish: Si	levens	State: Kansas					
Legal Description:											
Lat: N 0 deg. OR N 0 deg. 0 r	nin. 0 secs.		L	ong: E 0	deg. Ol	R E 0 deg	. 0 min. () secs.			
Contractor: TRINIDAD	Rig/PI	atform		um: TRI							
Job Purpose: Cement Produc				· · · · · · · · · · · · · · · · · · ·			Amount:				
Well Type: Development Well	Job T	ype: Ce	ement Pr	oduction	Casing						
Sales Person: HESTON, MYF		upervi		TSHIRE		MBU IC) Emp #:	195811			
Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl	1	sure sig	Comments			
		#		Stage	Total	Tubing	Casing				
Call Out	04/15/2010 16:30										
Arrive At Loc	04/15/2010 19:30										
Pre-Job Safety Meeting	04/15/2010 19:45										
Start Job	04/16/2010 04:39							5 1/2" PRODUCTION CASING			
Test Lines	04/16/2010 04:40						3000. 0	0,10110			
Pump Lead Cement	04/16/2010 04:44		6	103			385.0	200 SKS MIDCON 2 @11.4#			
Pump Tail Cement	04/16/2010 05:00		6	81			105.0	280 SKS 50/50 POZ @ 13.3#			
Drop Top Plug	04/16/2010 05:15		6		184		105.0	END CEMENT			
Clean Lines	04/16/2010 05:16										
Pump Displacement	04/16/2010 05:19		6	70			60.0	RIG WATER			
Other	04/16/2010 05:32		2	60			730.0	SLOW RATE			
Other	04/16/2010 05:35						800.0	PRESSURE BEFORE LANDING PLUG			
Bump Plug	04/16/2010 05:35		2		70		1800. 0	FLOAT HELD			
End Job	04/16/2010 05:36						7.0				
Cement Returns to Surface	04/16/2010 05:45							65 BBL OF CEMENT TO PIT			

RECEIVED

Sales Order #:

7308426

Sold To #: 300466

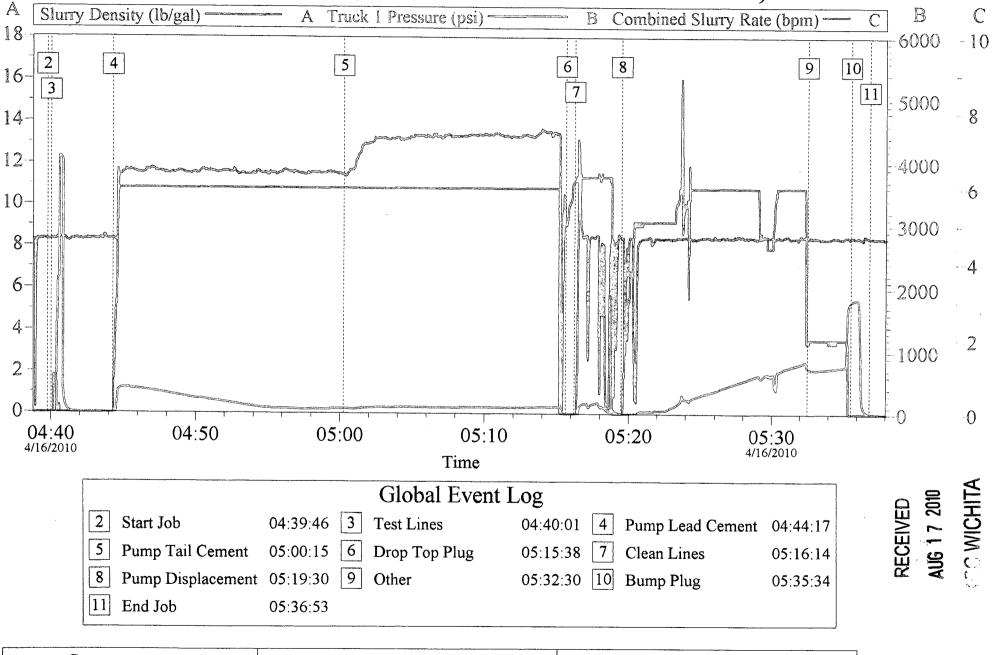
Ship To #:2778907

Quote #:

Friday, April 16, 2010 05:49:00 KCC WICHITA

SUMMIT Version: 7.20.130

ANADARKO PETROLEUM CORP. LIBBY #A-3H (5 1/2" PRODUCTION CASING)



Customer: Job Date: 16-Apr-2010 Sales Order #: 7308426
Well Description: UWI:

OptiCem v6.4.7 16-Apr-10 05:42