Form ACO-1

RECEIVED October 2000 Form must be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE AUG 2 4 2010 (IN A I

UIÇ Distribution

AF40	L SOURCE ACC MICHITA
OPERATOR: License # 4549	API NO. 15- 189-22702-0666 WICHITA
Name: ANADARKO PETROLEUM CORPORATION	Spot Description:
Address 1:P.O. BOX 1330	<u>NW ⁻NW ⁻SE ⁻SE</u> Sec. <u>3</u> Twp. <u>32</u> S. R. <u>38</u> ☐ East X West
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>	1250 Feet from X East / West Line of Section
Contact Person: METANTE 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 <u>Leonard B</u> Well # <u>5H</u>
Wellsite Geologist:	Field Name <u>Hugoton</u>
Purchaser: Anadarko Energy Services Company	Producing Formation _ Chase
Designate Type of Completion	Elevation: Ground 3182 Kelley Bushing
X New Well Re-Entry Workover	Total Depth 2980 Plug Back Total Depth
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
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
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 1400 ppm Fluid volume 65 bbls
Deepening Re-perf Conv.to Enhr Conv.to SWD	Dewatering method used <u>HAUL OFF</u>
Plug Back ————————————————————————————————————	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
04/19/2010 04/21/2010 05/13/2010	Quarter <u>SW</u> Sec. <u>13</u> Twp. <u>32</u> S R. <u>38</u> East X West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County STEVENS Docket No. D17157
Kansas 67202, within 120 days of the spud date, recompletion, workover of on side two of this form will be held confidential for a period of 12 mor	th the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information this if requested in writing and submitted with the form (see rule 82-3-107 for eologist well report shall be attached with this form. ALL CEMENTING TICKETS P-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulat	e the oil and gas industry have been fully complied with and the statements herein
are complete and correct to the best of my knowledge	
The water of the	KCC Office Use ONLY
lash.	/19/2010 Letter of Confidentiality Attached
Subscribed and sworm to before the this	If Denied, Yes Date:
Notary I	Public, State of Texas ommission Expires Wireline Log Received Geologist Report Received
11 22/1	

September 10, 2010

Date Commission Expires

Operator Name ANADA	ARKO PETROLE	M CORPORA	rion	Lease	e Nam	e <u>Leonard</u>	В	Well #	_5H	
Sec. <u>3</u> Twp. <u>32</u>	S.R. <u>38</u>	☐ East	X West	Coun	ty <u>s</u>	Stevens				
STRUCTIONS: Show in tool open and closed covery, and flow rates it gs surveyed. Attach fin	l, flowing and shu f gas to surface d	it-in pressures uring test, aloi	, whether s	hut-in pressu	re read	ched static lev	el, hydrostatic pres	sures, botto	m hole tempe	
Orill Stem Tests Taken (Attach Additional St	neets)	☐ Yes	X No	[X	Log		Formation (Top), D	Depth and D	atums	Sample
amples Sent to Geolog	ical Survey	X Yes	☐ No	Nar	me		Тор	Da	itum	
ores Taken		☐ Yes	X No							
lectric Log Run (Submit Copy)		X Yes	□ No			r Hills e Corral	1416 1765			
st All E.Logs Run:				Chase		= Wilai	2509			
EMENT BOND LOG - EUTRON - GAMMAR		oct.		Counc		rove	2819			
	Repor	CASING t all strings set	RECORD t-conductor	New n, surface, inte			n, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In 0	-	Weight Lbs./Ft		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Addition	
SURFACE	12.25	8 5/8		24		622	STANDARD	450	2% 2% ℃	
PRODUCTION	7.875	5 1/2	·	14		2978	MIDCON50/50	480	.5 HALAD	
		ADD	UTIONAL C	EMENTING/	SOLIE	EZE RECORI	TOC = 192		<u> </u>	
Purpose Perforate Protect Casing	' Depth Top Bottom	Type of C		T	Sacks Used		Type and Per	cent Additive	es	
Plug Back TD Plug Off Zone										
Shots Per Foot		TION RECORD			е		ire, Shot, Cement S nt and Kind of Mate	•	ord Dep	oth
2	2707-2719;	2669-2675;	2608-26	514; 2542-	2548	Frac w/1	.08780 gal 25#8	30# x-li	nked 2542-	-2719
						borate.5	% KCL w/301,00	00# 12/20	snd 2542-	2719
TUBING RECORD	Size 2 3/8	Set At 2725	10	Packer At		Liner Run	☐ Yes 🔀	No		
Pate of First, Resumed 5/13/10	Production, SV	VID OF ENNT.	Produc	cing Method Flowing	ХP	umping G	Gas Lift Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 476	Mcf	Wate	er Bbls.	Gas-Oil F	Ratio	Gra	vity
DISPOSITIO	N OF GAS:	<u> </u>	•	METHOD OF	CON	1PLETION		Produc	tion Interval	
☐ Vented ☒ Sold	_	ease C	Dpen Hole	Perf.	Dual	ly Comp. 🔲	Commingled	2542-27	19	
(If vented, subm	nit ACO-18.)		Other (Spe	city) ton a .no				· -		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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

API NUMBER 15-	LOCATION OF WELL: COUNTY: Stevens
OPERATOR: Anadarko Petroleum Corporation	1250 feet from X South North line of section
LEASE: <u>Leonard B</u>	1250 feet from XEast West line of section
WELL NUMBER: 5H	
FIELD: <u>Hugoton</u>	SECTION 3 TWP <u>32(S)</u> RNG <u>38W</u>
NUMBER OF ACRES ATTRIBUTABLE TO WELL: 645.6	IS SECTION REGULAR or X IRREGULAR
QTR/QTR/QTR: <u>NW</u> - <u>SE</u> - <u>SE</u>	IF SECTION IS IRREGULAR, LOCATE WELL FROM
(Show the location for the well and shade attributable acreage for prorated or spaced	NEAREST CORNER BOUNDARY (check line below)
wells). (Show the footage to the nearest lease or unit boundary line; and show	Section corner used:NENW_X_SESW
footage to the nearest common source supply well).	
·	
Sec. 3	
	\alpha \cdot \alph
0000 0000000000000000000000000000000000	Leonard B3H Divergent Ownership
	Leonard Ban
	Leonail B3H Divergent Owners
• • •	AUG 2 4 2010
	AUG 24 2010
0000 0000000 0000 0000 00	\ Ms.
· · · Leonar	hase KCC WICHITA
34	EXAMPLE .
Leonard B2	
	1980
o o C. Crove	
•	
	3390
0 0 0	SEWARD CO.
	SENARU CO.
Stevens Co.	
The undersigned hereby certifies as Staff Regulatory Analyst (title) for An	adarko Petroleum Corporation (Co.), a duly authorized agent, that all information nat all acreage claimed attributable to the well named herein is held by production
from that well and hereby make application for an allowable to be assigned	to the well upon the filing of this form and the State test, whichever is later.
	A ANN OD
Signature	LLONG MONTH WAY PUBLICATION OF THE PUBLICATION OF T
Subscribed and awar before me this 1774 day of	
Subscribed and swom before me this 1779 day of	Desember, 2009
Lon	al / IPMC
	Notary Public FORM CG-8 (12/94) ARY PUBLIC STATE OF TOKES.
My Commission expires $3/5/2013$	3-5-2013
my commonwer or green and an analysis of the commonwer of	FORM CG-8 (12/94)

FORM CG-8 (12/94)

· HALLIBURTOM

Cementing Job Summary

The Road to Excellence Starts with Safety **Sold To #: 300466 Ship To #**: 2779868 Quote #: Sales Order #: 7316403 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Well Name: Leonard Well #: B5H API/UWI #: Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Contractor: TRINIDAD Rig/Platform Name/Num: 208 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: HESTON, MYRON Srvc Supervisor: LOPEZ, CARLOS MBU ID Emp #: 321975 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Emp# Exp Hrs **HES Emp Name** Exp Hrs Emp# AGUILERA, FABIAN 3 442123 CARRILLO, EDUARDO 371263 LOPEZ, CARLOS 3 321975 Carrillo SLATER, JOE P 3 106095 **Equipment** HES Unit# Distance-1 way **HES Unit#** Distance-1 way HES Unit # Distance-1 way **HES Unit #** Distance-1 way **Job Hours** Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 4-19-10 4-20-10 1 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 19 - Apr - 2010 19:00 CST Form Type BHST 19 - Apr - 2010 On Location 23:00 CST Job depth MD 622. ft Job Depth TVD 622. ft Job Started Water Depth Wk Ht Above Floor 4. ft Job Completed Perforation Depth (MD) From То Departed Loc **Well Data** Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft TVD ft MD TVD psia ft ft Surface Hole 12.25 680.622 MU 8 5/8 Surface Unknow 24. 8.625 8.097 Casing n 622 MW Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier SHOE, GID, 8-5/8 8RD EΑ VLVASSY,INSR FLOAT,8-5/8 8RD, 24 lbs/ft RECEIVED 1 EΑ FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 1 EΑ AUG 2 4 2010 CENTRALIZER ASSY - API - 8-5/8 CSG X 3 EΑ BASKET - CEMENT - 8 5/8 CSG X 12 1/4 EΑ 1 KCC WICHITA PLUG,CMTG,TOP,8 5/8,HWE,7,20 MIN/8,09 MA EΑ **Tools and Accessories** Qty Size Make Depth Type Type Size Qty Make Depth Type Size Qty Make Guide Shoe Packer Top Plug 8 5/8 Н Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container 8 5/8 Н Stage Tool Centralizers 8 5/8 Н **Miscellaneous Materials** Gelling Agt Conc Surfactant Conc Acid Type Qty Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty

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Cementing Job Summary

						Flui	id Data							
S	tage/Plug	#: 1												
Fluid #	Stage	Туре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid (
1	Water Pr	e-Flush					10.00	bbl	8.33	.0	.0	5.0		-
2	Halliburt Light Star			LIBURTON LIGH (12313)	IT STANDAI	RD -	250.0	sacks	12.4	2.09	11.42	5.0	11.	42
	2 %		CALC	CIUM CHLORIDE	- HI TEST I	PELLET	(1000050)53)						
	0.5 lbm		POL'	Y-E-FLAKE (1012	216940)									,
	11.423 G	al	FRES	SH WATER				~~						
3	Standard Cement	1		- STANDARD C 03684)	EMENT		200.0	sacks	15.6	1.2	5.24	5.0	5.2	24
	94 lbm		CMT	- STANDARD - (CLASS A RE	G OR T	YPE I, BL	JLK (100	003684)			<u> </u>	<u> </u>	
	2 %		CALC	CIUM CHLORIDE	- HI TEST I	PELLET	(1000050)53)	• •				•	
	0.25 lbm		POL	Y-E-FLAKE (1012	216940)									
	5.238 Ga	I	FRES	SH WATER									_	
4	Displace	ment						bbl	8.33	.0	.0	5.0		
C	alculated	Values		Pressu	res		·		V	olumes			•	
Displa	cement	36.7		hut in: Instant		Lost Re	turns		Cement S	lurry	135.7	⁷ Pad		
Top O	f Cement	SURFA	CE 5	Min		Cemen	t Returns	35	Actual Di	splacem	ent 36	Treatn	ent	
Frac G	radient		1	5 Min	****	Spacer	S	<u></u>	Load and	Breakdo	wn	Total	lob 1	72.4
							ates							
	lating	6	,	Mixing	6		Displac	ement	6		Avg. J	ob	6	
	ent Left Ir			unt 44.46 ft Rea			,							
Frac	Ring # 1 @		ID	Frac ring # 2	2 @ II)	Frac Rin				Frac Ring	#4@	ID	
Tł	ne Inforn	nation	State	ed Herein Is (Correct	Custom	er Represe	entative S	Signature					

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, MALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

					,	
Sold To #: 300466	Ship To #: 2779	368	Qu	ote #:	Sales C	Order #: 7316403
Customer: ANADARKO PETRO	DLEUM CORP -	EBUS	Cu	stomer Rep:		
Well Name: Leonard		Well #: I	B5H		API/UWI #:	
Field: City	(SAP): HUGOTO	N Co	unty/Par	ish: Stevens	State: K	ansas
Legal Description:						
Lat:			Loi	ng:		
Contractor: TRINIDAD	Rig/Pla	tform N	ame/Nur	n: 208		
Job Purpose: Cement Surface	Casing				Ticket Amount:	
Well Type: Development Well	Job Ty	pe: Cem	ent Surfa	ace Casing		
Sales Person: HESTON, MYRO	ON Srvc S	upervisc	r: LOPE	Z, CARLOS	MBU ID Emp #: 3	21975
Activity Decemention	Dete/Time	Ch4	Rate	Volume	Pressure	Comments

Sales Person: HESTON, MYR	ON Srvc S	Srvc Supervisor: LOPEZ, CARLOS					MBU ID Emp #: 321975					
Activity Description	Date/Time	Cht	Rate bbl/ min	l	lume obl	Pressure psig		Comments				
		#		Stage	Total	Tubing	Casing					
Call Out	04/19/2010 19:00							CALLED OUT BY PAMPA DISPATCH WITH A 4 HOUR NOTICE				
Safety Huddle	04/19/2010 21:00	T TOTAL TOTA						LOADED UP F.E & CIRC. IRON THEN HAD OUR PRE TRIP JOURNEY MANEGEMENT SAFETY HUDDLE				
Depart Location for Service Center or Other Site	04/19/2010 21:45					·		FROM FOLLETT, TX TO WILLBURTON, KS FOR THE NEXT JOB				
Arrive At Loc	04/19/2010 23:00		3		KCC,	VED		LOCATION WAS VERRY SANDY AND WE HAD A HARD TIME GETTING TRUCK SPOTTED IN				
Assessment Of Location Safety Meeting	04/19/2010 23:15				AUG 2	# 5010		SPOTTED IN TRUCKS				
Rig-Up Completed	04/19/2010 23:45				vcC/	NICHIT	A	RIGGED UP ALL IRON AND WATER HOSES				
Start Job	04/20/2010 00:10				KOO			HAD A SAFETY MEETING WITH CO. MAN AND RIG CREW BEFORE WE STARTED THE JOB				
Test Lines	04/20/2010 00:11		,				2500. 0	CHECKING FOR LEAKS ON TRUCK AND IRON				
Pump Lead Cement	04/20/2010 00:15		6	93			150.0	250 SKS OF HALLIBURTON LIGHT CEMENT MIXED @ 12.4#				

Sold To #: 300466

Ship To #:2779868

Quote #:

Sales Order #:

7316403

SUMMIT Version: 7.20.130

. HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl	t .	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	04/20/2010 00:29		6	42.7	135.7		105.0	200 SKS OF STANDARD CLASS A CEMENT MIXED @ 15.6 #
Clean Lines	04/20/2010 00:38							WASHED UP ON TOP OF PLUG WITH FIRST 10 BBLS OF DISPLACEMENT
Drop Top Plug	04/20/2010 00:39							HWE
Pump Displacement	04/20/2010 00:39		6	36.7			300.0	FRESH WATER . GOT 35 BBLS BACK TO SURFACE
Other	04/20/2010 00:45		2					SLOWED DOWN BEFORE BUMPING THE PLUG
Bump Plug	04/20/2010 00:50		2				400.0	TOOK PRESSURE 500 PSI OVER FINAL PRESSURE WAS 900 PSI
Release Casing Pressure	04/20/2010 00:52			1,7.0				GOT 1 BBL BACK TO TRUCK FLOAT HELD
End Job	04/20/2010 00:55				172.4			THANK YOU FOR CALLING HALLIBURTON
Depart Location for Service Center or Other Site	04/20/2010 02:00							

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Sold To #: 300466

Ship To #:2779868

Quote #:

Sales Order #:

7316403

SUMMIT Version:

7.20.130

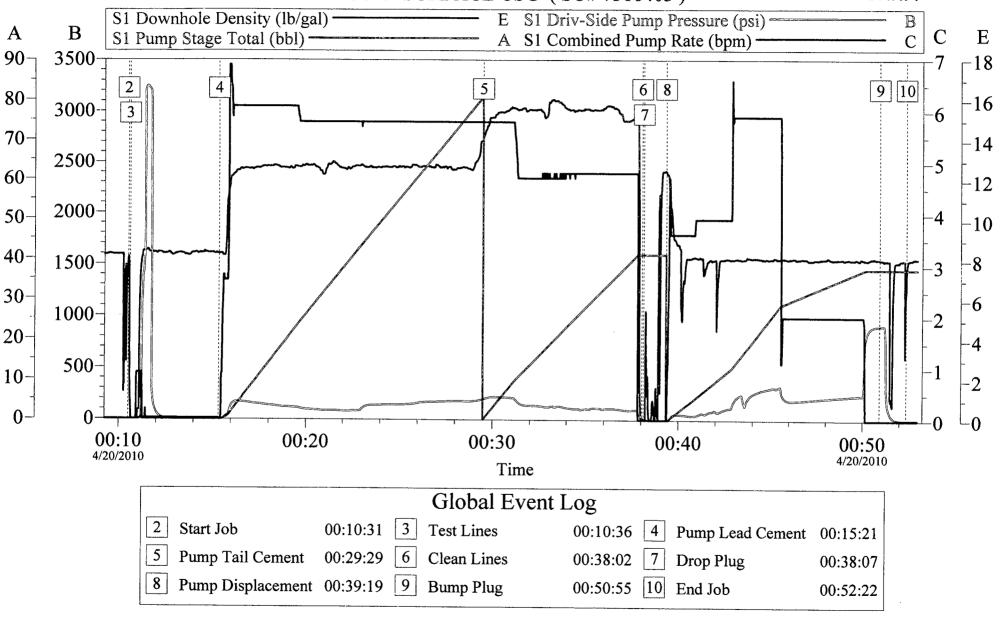
ANADARKO PETROLEUM CORP - EBUS LEONARD WELL # B5H

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KCC WICHITA

8 5/8" SURFACE CSG (SO# 7316403)



Customer:	
Well Description:	

· HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 300466 **Ship To #**: 2779868 Quote #: Sales Order #: 7320527 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Well Name: LEONARD Well #: B5H API/UWI #: 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: LOPEZ, CARLOS MBU ID Emp #: 321975 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name HES Emp Name** Exp Hrs Emp# Exp Hrs Emp# ARNETT, JAMES Ray 226567 HAYES, CRAIG H 449385 LOPEZ, CARLOS 321975 MATA, ADOLFO V 419999 **Equipment** HES Unit# Distance-1 way **HES Unit#** Distance-1 way HES Unit# Distance-1 way **HES Unit#** Distance-1 way Job Hours On Location **Date** Operating **Date** On Location Operating **Date** On Location Operating **Hours** Hours Hours Hours Hours Hours 4-21-10 4-22-10 1 TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone Formation Depth (MD) Top Bottom 21 - Apr - 2010 19:30 CST Called Out Form Type MW BHST 2978 2978 M On Location 21 - Apr - 2010 22:00 CST 2980. ft Job depth MD 22 - Apr - 2010 Job Depth TVD 2980. ft Job Started 01:42 **CST** Water Depth Wk Ht Above Floor 5. ft Job Completed 22 - Apr - 2010 02:47 CST Perforation Depth (MD) From CST То 22 - Apr - 2010 05:00 Departed Loc **Well Data** Description New / Max ID Size Weiaht Thread **Bottom** Grade Top MD **Bottom** Top Used lbm/ft pressure in in MD **TVD TVD** psig ft ft ft 5 1/2 Production Unknow 5.012 14. 3750. mw 2978 Casing n **Production Open** Unknow 5.012 5.5 14. 675. MU 3750. mW Hole 2978 n 622 **Surface Casing** Unknow 8.625 8.097 24 ń Mω Sales/Rental/3rd Party (HES) Description Qtv Qty uom Depth Supplier SHOE, GID, 5-1/2 8RD EA 1 PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG 1 EΑ BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN 1 EΑ CENTRALIZER ASSY - TURBO - API -14 EΑ KIT,HALL WELD-A EΑ **Tools and Accessories** Type Size | Qty | Make | Depth Type Size Qty Make Depth **Type** Size Qty Make Guide Shoe Packer Top Plug 5.5 Н Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float 5.5 Н Plug Container Stage Tool Centralizers RECEIVED

AUG 2 4 2010

KCC WICHITA

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Cementing Job Summary

					Mis	cellane	ous Mat	terials			· · · · · · · · · · · · · · · · · · ·			
Gellin	ng Agt		(Conc	Surfactar	nt		Conc	Acid	Type		Qty	Cond	: %
Treat	ment Fld		(Conc	Inhibitor			Conc	Sand	d Type		Size	Qty	
						Flui	d Data		_					
S	Stage/Plug	j #: 1			•					·				
Fluid #	Stage	Туре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Fluid G	
1	Water Pi	e-Flush						bbl	8.33	.0	.0	6.0		
2	Mid-Con Standard	-	(15078	<u>, </u>		- SBM	200.0	sacks	11.4	2.89	17.84	6.0	17.8	34
	0.25 lbm	1	POLY	'-E-FLAKE (101:	216940)								_	
	17.838 G	al	FRES	SH WATER										
3	50/50 Po Standard	z	POZ S	STANDARD 50/	50 - SBM (1	2308)	280.0	sacks	13.3	1.63	7.25	6.0	7.2	5
	10 lbm		KOL-S	SEAL, BULK (10	0064233)									
	0.5 %		HALA	D(R)-322, 50 LE	3 (10000364	6)								
	0.25 lbm	1	POLY	'-E-FLAKE (1012	216940)									
	7.25 Ga		FRES	SH WATER										
4	2% Clay- Water w/ Displacen	Biocide	,				71.00	bb!	8.33	.0	.0	6.0		
	0.105 gal/l		CLAY	FIX 3, TOTETAI	NK (1015834	425)			<u> </u>		1	L		
	0.021 gal/l			TOTE TANK (10		120)							-	
	42 gal/bb			ER - FRESH - G										
С	alculated			Pressu					v	olumes				
	acement	71.6		hut In: Instant		Lost Re	turns		Cement S		184	Pad		
	of Cement	SURFA					Returns	35	Actual Di			Treatn	nent	
Frac (Gradient		15	5 Min		Spacers		10	Load and			Total .	lob	255
					- 		ates		. 					-
	ulating	6	Γ.	Mixing	6		Displac	ement	6		Avg. J	ob	6	
	nent Left I	 _		unt 46.41 ft Re		Joint	Feer Di			<u> </u>		#46	l IB	T
ггас	Ring # 1 @		ID	Frac ring # 2	(w		Frac Rin	<u> </u>	1	י	Frac Ring	#4@	ID	
T	he Inforr	nation	State	ed Herein Is (Correct	Custom	er Repres	entative S	Signature					

RECEIVED AUG 2 4 2010

KCC WICHITA

. HALLIBURTON

Sold To #: 300466

Cementing Job Log

Sales Order #: 7320527

The Road to Excellence Starts with Safety

Quote #:

Ship To #: 2779868

Customer: ANADARKO PETR	OLEUM CORP -	EBUS	C	ustome	r Rep:			
Well Name: LEONARD		Well	#: B5H	7.		AP	I/UWI #:	
Field: GREENWOOD City GAS AREA	y (SAP): HUGOTO	NC	County/P	arish: St	evens	·		Kansas
Legal Description:					*			
Lat:			L	ong:				
Contractor: TRINIDAD	Rig/Pl	atform	Name/N		NIDAD #	208		
Job Purpose: Cement Product	tion Casing						Amount:	
Weil Type: Development Well	Job Ty	ype: C	ement Pro	oduction	Casing			
Sales Person: HESTON, MYR	ON Srvc S	Superv	isor: LOF	PEZ, CAF	RLOS	MBU I	Emp #:	321975
Activity Description	Date/Time	Cht	Rate bbl/ min	b	ume bl	Pres	sure sig	Comments
Call Out	0.4/0.4/0.040	#		Stage	Total	Tubing	Casing	
Call Out	04/21/2010 19:30							CALLED OUT BY PAMPA DISPATCH WITH A 4 HOUR NOTICE
Safety Huddle	04/21/2010 20:30							LOADED UP CHEMICLES F.E CIRC. IRON AND THEN WE HAD OUR PRE TRIP JOURNEY MANEGEMENT SAFETY HUDDLE
Depart Location for Service	04/21/2010						1801	LEFT SERVICE
Center or Other Site	21:00							CENTER AS A 2 TRUCK CONVOY
Arrive At Loc	04/21/2010 22:00							GOT WITH JR. THE CO.MAN AND GOT THE ACTUAL NUMBERS FOR THE JOB 2980' OF 5.5" 14#/FT CSG WITH A 46.41' S.J
Assessment Of Location Safety Meeting	04/21/2010 22:10							SPOTTED IN TRUCKS
Rig-Up Completed	04/21/2010 23:00				RFC	EIVED		RIGGED UP ALL IRON AND WATER HOSES
Wait on Customer or Customer Sub-Contractor Equip	04/21/2010 23:15				AUG	EIVED 2 4 2010 WICH!	-0	STILL DRILLING
Start Job	04/22/2010 01:42				KCC	MICH	\P	HAD A SAFETY MEETING WITH CO. MAN AND RIG CREW BEFORE WE STARTED THE JOB WHEN OVER JOB PROCEDURE AND CALCULATIONS

Sold To #: 300466

Ship To #:2779868

Quote #:

Sales Order #:

7320527

SUMMIT Version:

7.20.130

Thursday, April 22, 2010 03:04:00

· HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments
		#		Stage	Total	Tubing	Casing	
Test Lines	04/22/2010 01:43						3500. 0	CHECKING FOR LEAKS ON TRUCK AND IRON
Pump Spacer 1	04/22/2010 01:46		4	10			300.0	FRESH WATER
Pump Lead Cement	04/22/2010 01:51		6	103			250.0	200 SKS OF MIDCON CEMENT MIXED @ 11.4 #
Pump Tail Cement	04/22/2010 02:07		6	81.3	184		150.0	280 sks OF POZ STANDARD CEMENT MIXED @ 13.3#
Drop Top Plug	04/22/2010 02:19							5.5" 3 WIPR LTCH - DWN PLUG
Clean Lines	04/22/2010 02:26							WASHED PUMPS AND LINES OUT TO PIT
Pump Displacement	04/22/2010 02:27		6	71.6			500.0	2% CLA-FIX 3 W/ BIOCIDE WATER
Other	04/22/2010 02:40		2				800.0	SLOWED DOWN BEFORE BUMPING THE PLUG
Bump Plug	04/22/2010 02:43		2				1400. 0	TOOK PRESSURE 500 PSI OVER
Release Casing Pressure	04/22/2010 02:45							GOT 1 BBL BACK TO TRUCK
End Job	04/22/2010 02:46				255.6			THANK YOU FOR CALLING HALLIBURTON
Rig-Down Completed	04/22/2010 03:30							
Depart Location for Service Center or Other Site	04/22/2010 05:00							

RECEIVED AUG 2 4 2010 KCC WICHITA

Sold To #: 300466

Ship To #:2779868

Quote #:

Sales Order #:

7320527

SUMMIT Version:

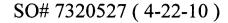
7.20.130

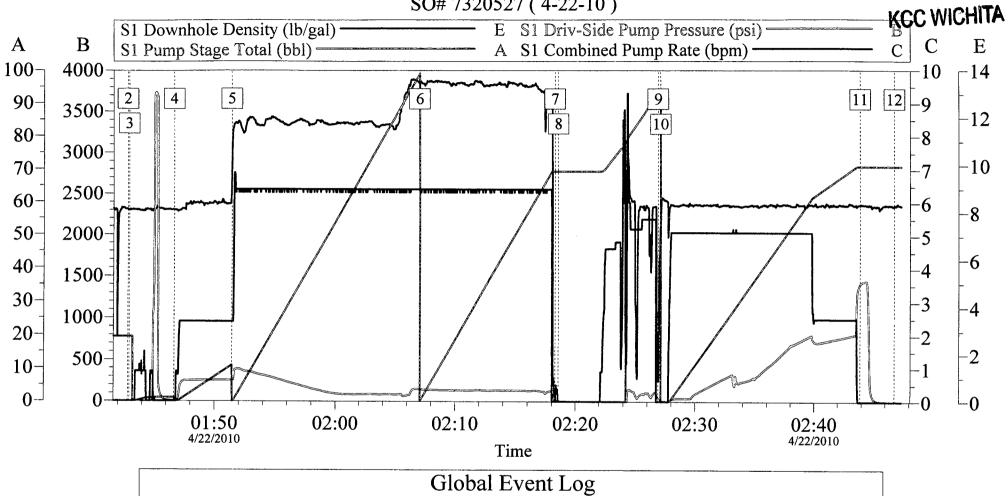
Thursday, April 22, 2010 03:04:00

ANADARKO LEONARD 5.5" PRODUCTION CASING

AUG 2 4 2010

RECEIVED





	Global Event	Log	
2 Start Job	01:42:49 3 Test Lines	01:42:55 4 Pump Spacer 1	01:46:40
5 Pump Lead Cement	01:51:26 6 Pump Tail Cement	02:07:04 7 Drop Top Plug	02:18:16
8 Clean Lines	02:18:32 9 Clean Lines	02:26:54 10 Pump Displacement	02:27:06
11 Bump Plug	02:43:52 12 End Job	02:46:45	

•	Customer:	Job Date: 22-Apr-2010	Sales Order #: 7320527
(+ (4 -	Well Description:	UWI:	