Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 305922 Ship To #: 2928196 Quote #: Sales Order #: 9560854

Customer: THE GHK COMPANY LLC - EBUS Customer Rep: Schultz, Kenny

Well Name: Windholz Well #: 1-24 HD API/UWI #: 15-195-2278701

Field: City (SAP): WAKEENEY County/Parish: Trego State: Kansas

Legal Description: Section 24 Township 13S Range 22W

Lat: N 36.509 deg. OR N 36 deg. 30 min. 32.69 secs. Long: W 100.185 deg. OR W -101 deg. 48 min. 55.189 secs.

Contractor: Union Drilling Rig/Platform Name/Num: 32

Job Purpose: Cement Intermediate Casing

Ticket Amount:

Well Type: Development Well Job Type: Cement Intermediate Casing

Sales Person: KARBER, J Srvc Supervisor: RALSTON, ANTHONY MBU ID Emp #: 448065

Activity Description	Date/Time	Cht	Rate bbl/ min	Vol	ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	06/10/2012 12:30							
Pre-Convoy Safety Meeting	06/10/2012 15:15							DISCUSS ROUTES, FOLLOWING DISTANCE, AND COMPLETED JOURNEY MANAGMENT
Depart from Service Center or Other Site	06/10/2012 15:30							
Arrive At Loc	06/10/2012 21:45							LOCATION TOO TIGHT TO FIT ANY TRUCKS ON IT UNTIL THIRD PARTY RIGS DOWN AND LEAVES
Assessment Of Location Safety Meeting	06/10/2012 21:50							ASSESS AND SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	06/11/2012 04:30							DISCUSS PINCH POINTS, RED ZONE, TRIPPING HAZARDS, AND PPE
Rig-Up Completed	06/11/2012 05:00							
Pre-Job Safety Meeting	06/11/2012 05:01							DISCUSS RATES/PRESSURES/E MERGENCY PLAN/LEAKS AND HSE STANDARDS
Test Lines	06/11/2012 05:16							TEST LINES 4000 PSI; NO LEAKS
Pump Spacer	06/11/2012 05:22		3.5	20			220.0	PUMP 20BBLS SPACER, SHUT DOWN TO LINE OUT CEMENT AFTER 20 BBLS
Pump Lead Cement	06/11/2012 05:35		5.3	53			240.0	PUMP LEAD CMT @ 12 PPG 5.3 BPM 240 PSI

Sold To #: 305922 Ship To #:2928196 Quote #: Sales Order #: 9560854

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Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	The state of the s	ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Pump Tail Cement	06/11/2012 05:46		5.3	67			225.0	PUMP TAIL CMT @ 14 PPG 5.1 BPM 225 PSI
Shutdown	06/11/2012 05:58							SHUT DOWN
Drop Plug	06/11/2012 05:59							DROP TOP PLUG, WASH UP ON TOP FIRST 10 BBLS.
Pump Displacement	06/11/2012 06:02		5	167			60.0	PUMP 167.6 BBLS H20 DISPLACEMENT @ 5 BPM 60 PSI
Bump Plug	06/11/2012 06:41						1700. 0	PUMP PLUG 1040 PSI, TOOK TO 1700 PSI 660 OVER
Check Floats	06/11/2012 06:45							CHECK FLOATS, FLOATS HELD, 1 BBLS BACK
Pre-Rig Down Safety Meeting	06/11/2012 06:50							DISCUSS PINCH POINTS, TRIPPING HAZARDS, OVERHEAD SAFETY, AND HOIST OPERATION PROCEDURE
Rig-Down Completed	06/11/2012 07:50							
Pre-Convoy Safety Meeting	06/11/2012 08:00							DISCUSS ROUTES, STOPS, DOT HOURS AND USED JOURNEY MANAGEMENT
Depart Location for Service Center or Other Site	06/11/2012 08:30							THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES!!

Sold To #: 305922 Ship To #:2928196 Quote #: Sales Order #: 9560854

SUMMIT Version: 7.3.0030 Tuesday, July 15, 2014 03:54:00

Cementing Job Summary

The Road to Excellence Starts with Safety

				1110	e Muau	LU LA	VEILE	1000	tai to Wi	ui .	Jaiel	,							
Sold To #: 305	5922		Shi		: 29281				ote#:			V2C		Sale	es C	rder	# 0	5608	54
Customer: TH		OMPA	_			-			stomer	Re	ep: Sc	hult	z. Kenn				.,, 0		-
Well Name: W						Vell #	: 1-24				, p. 00	···	API/U		15	195.	227	8701	
Field:		Cit	v (S/	AP): W	AKEEN				arish: T	rea	0		711 110			(ans		0701	
Legal Descrip	tion: Sec	ction 24	Tov	wnship	13S Ra	nge	22W	,,,					12(2)	Otal		tario	<u> </u>		
Lat: N 36.509								Lo	na: W 1	00	185 d	ea	OR W	-101	dan	18	min	55 1	89 secs.
Contractor: U			-3. 0		Rig/Pla		Nam	ne/Nu	m: 32	00	. 100 u	og.	OI (W	-101	ucg	. 40		55.1	08 5605.
Job Purpose:			ediat	e Casi	na		riun	TOTTU	111. 02			-							
Well Type: De					Job Ty	Je. C	emen	t Inter	mediate	C	asina				70 -702		-		-
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HES Emp N	lame	Exp Hrs	En	np#	HES	Fmr	Name		Exp Hrs	F	mp#	Т	HESI	Emp N	lam		Evr	Hrs	Emp#
BERUMEN, ED		11.0		7804	LUONG				11		7077	$+_{R}$	ALSTO				11		448065
		_				,			8.8		,, , , , ,		enneth	4, 7 (14)	1110	141	1 ,,		440003
WALL, ADAM	Lee	11	497	7288												-			
	***						Eq	uipme	ent					-					
HES Unit #	Distance-	1 way	HES	Unit#	Dista	ance-	1 way		ES Unit	#	Dista	nce	-1 way	HE	S Ur	nit#	Di	istand	e-1 way
					733														
	_						Jo	b Hou	ırs								1		
Date C	On Location	on O	perat	ing	Date		On Lo	ocatio	n Ope	erat	ting	Т	Date		On L	ocat	ion	Or	erating
	Hours		Hour	s				ours	ŀ	lou	irs							Hours	
06/10/12	2		0		06/10/1	2		3.5		3									
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Formation Name					-							_	Da			Tin		Tir	ne Zone
ormation Dept	ון (עוויי) וו	ор		DUGT	Bott	om			Calle			_	10 - Jur			12:			CST
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Job depth MD Water Depth		+3 12. IL	-,-		epth TVI Above F			307. ft 10. ft				_	11 - Jur		_	05:			CST
Perforation Dep	th (MD) E	rom		VVK III	To	loor		10. π	Depa		pletec	$\overline{}$	11 - Jur			06:		-	CST
erioration bep	til (MD) ji	TOIL		-	10		\A/	ell Da		rtec	LOC	\perp	11 - Jur	1 - 201	2	08:	30	ļ	CST
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Docompaion	Used			in	in	Ibn	_		IIIIeau			Gra	ue i	op wit ft	' '	Botto MD	VC (C) (VC (L)	Top TVD	Botton TVD
	CO. De 200. 47 3 4 5 5 5	psi														ft		ft	ft
Intermediate					8.75									1000.		5535			
Open Hole																			
Intermediate Casing	Unknov	v		7.	6.276	26	5.		STC			J-5	5			5535			
Surface Casing	Unknov	v	-	9.625	8.921	36	3		STC			J-5	5	-	-	1000	-		
curiace casing	n	1		0.020	0.521	50	·		310			J-0	5	0.00		1000			
Carponella Carponella Carponella					S	ales/	Renta	al/3rd F	Party (H	ES)								
			C	Descrip				-	7 (1		/	Qty	Qty uo	m D	eptl	h		Supp	lier
												1	EA						
SHOE,FLT,7 8RI	D,P-110/Q	-125,2-	3/4																
KIT,HALL WELD	-A											2	EA			\neg		-	
KIT,HALL WELD	-A			54 MAX	CS							2	EA EA	+					
CIT,HALL WELD PLUG,CMTG,TO	-A P,7,HWE,	5.66 MI	N/6.5		CS											+			
SHOE,FLT,7 8RI KIT,HALL WELD PLUG,CMTG,TO CLR,FLT,7 LG 8I CTRZR ASSY,AF	-A P,7,HWE, RD 23-29F	,5.66 MI PPF,P/C	N/6.5	4								1	EA						

						Tools a	ind Acc	cessorie	s				No.
Type	Size	Qty	Make	Depth	Туре	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	HES
Float Shoe				0-01	Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			

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Cementing Job Summary

Insert									Plug	Containe	er 7	1		
Stage	Tool						AND THE RESERVE AND ADMINISTRAL		Cent	ralizers				
					Mis	cellane	ous Mat	erials						1
Gelling	g Agt			onc	Surfactar	nt		Conc	Acid	Туре		Qty	Conc	%
Treatn	nent Fld		С	onc	Inhibitor			Conc	Sand	d Type		Size	Qty	
						Flui	id Data							
St	age/Plug	#: 1												
Fluid #	Stage '	Гуре		Fluid N	lame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total II Fluid Ga	
1	Water Sp	acer					20.00	bbl	8.33	.0	.0	3.5		
2	Lightwei Lead	ght	CMT - (100003	STANDARD C 8684)	EMENT		135.0	sacks	12.	2.21	12.37	5.3	12.3	7
	37.6 lbm		CMT -	STANDARD - (CLASS A RE	G OR T	YPE I, BL	JLK (100	0003684)		*			
	28.5 lbm		ENHAN	NCER 923, BUI	LK (1018940	03)								
	25.5 lbm		POZMI	X A (BULK) FL	YASH (1000	03690)								
	3 %		CAL-SI	EAL 60, 50 LB	BAG (10121	7146)								
	0.2 %		WG-17	, 50 LB SK (10	0003623)		10 10		* * *					
	0.5 %		D-AIR	5000, 50 LB SA	ACK (102068	3797)					* * ***			
	12.365 Ga	al	FRESH	WATER										
3	Primary (Cement	ECON	OCEM (TM) SY	STEM (452	992)	245.0	sacks	14.	1.55	7.89	5.3	7.89)
	7.888 Ga	I	FRESH	I WATER		8)44	167 BBI	.S			5.	0		
Ca	alculated	Values		Pressu	res				٧	olumes				
Displa	cement	167	7 Sh	ut In: Instant		Lost Re	eturns		Cement S	lurry	120	Pad		
Top Of	Cement		5 N	lin		Cemen	t Returns		Actual Di	splacem	ent 167	Treatr	nent	
Frac G	radient		15	Min		Spacer	s	20	Load and	Breakdo	wn	Total	Job	
						R	lates							
Circu	lating			Mixing	5		Displac	ement	5		Avg. J	ob	5	
Cem	ent Left Ir	Pipe	Amour	1t 46.91 ft Re		Joint								
Frac F	Ring # 1 @		ID	Frac ring # 2	2 @	D	Frac Rin	g # 3 @	10		Frac Ring	#4@	ID	
Th	ne Inforn	nation	Stated	d Herein Is (Correct	Custom	ner Repres	entative S	Signature		X115 (010)			



Cementing Cover Sheet

TO:	AGUILERA, FABIAN
FROM:	SMITH, LLOYD
REQUESTED ON LOCATION:	30-May-2012 16:00 CST
CUSTOMER:	THE GHK COMPANY LLC - EBUS
WELL NAME/NBR/LEASE:	Windholz , 1-24 HD / Windholz

TABLE OF CONTENTS:

Job Summary Job Log

MBU LEADER: BE SURE THAT YOU HAVE RECEIVED EACH OF THE DOCUMENTS LISTED ABOVE. IF NOT, CONTACT CENTRAL DISPATCH IMMEDIATELY.

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Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 305922 Ship To #: 2928196 Quote #: Sales Order #: 9555178 Customer: THE GHK COMPANY LLC - EBUS Customer Rep: Schultz, Kenny Well Name: Windholz Well #: 1-24 HD API/UWI #: 15-195-2278701 City (SAP): WAKEENEY County/Parish: Trego Field: State: Kansas Legal Description: Section 24 Township 13S Range 22W Lat: N 36.509 deg. OR N 36 deg. 30 min. 32.69 secs. Long: W 100.185 deg. OR W -101 deg. 48 min. 55.189 secs. Contractor: Union Drilling Rig/Platform Name/Num: 32 Job Purpose: Plug Back Well Type: Development Well Job Type: Plug Back Sales Person: KARBER, J Srvc Supervisor: AGUILERA, FABIAN MBU ID Emp #: 442123 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# AGUILERA, FABIAN 442123 CLEMENS, ANTHONY 198516 LUNA, JOSE A 7 480456 LUONG, JOHN M MENDOZA, VICTOR 497077 442596 REDFEARN, BRADY 7 497317 Tanner Equipment HES Unit # Distance-1 way **HES Unit #** Distance-1 way **HES Unit #** Distance-1 way Distance-1 way **HES Unit #** Job Hours On Location Date Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours 5/30/2012 7 2 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 30 - May - 2012 11:00 CST BHST Form Type On Location 30 - May - 2012 CST 16:00 4141, ft Job Depth TVD Job depth MD 4141. ft 30 - May - 2012 Job Started 18:47 CST Wk Ht Above Floor Water Depth 4. ft Job Completed 30 - May - 2012 21:33 CST Perforation Depth (MD) From To Departed Loc 30 - May - 2012 23:00 CST **Well Data** Description New / Max Size ID Weight **Thread** Grade Top MD **Bottom** Top **Bottom** Used pressure in in lbm/ft MD TVD TVD ft psig ft ft ft Intermediate 8.75 3300. Open Hole For Plug Back Surface Casing Unknow 9.625 8.921 STC 36. J-55 1000. Drill Pipe Unknow 4.5 3.826 16.6 Unknown 3300. **Tools and Accessories** Size Make Depth Type Qty Type Size Qty Make Depth Type Size Qtv 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 **Miscellaneous Materials** Gelling Agt Surfactant Conc Conc Acid Type Conc Qty % Treatment Fld Conc Inhibitor Sand Type Conc Size Qty

Fluid Data

Summit Version: 7.3.0030 Tuesday, July 15, 2014 15:56:00

Cementing Job Summary

Fluid #	Stage	Гуре		Flui	d Nam	ne		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix F Gal		Rate bbl/min	Total Mix Fluid Gal/s
	TUNED SPACER I AHEAD	II	TUNED S	SPACER I	II - SE	BM (4838	326)	17.00	bbl	10.5	.0	.(0	.0	
	37.58 gal/b	bl	FRESH	WATER											
	88.7 lbm/b	bl	BAROID	41 - 100 L	B BA	G (4780	96)								
2	Primary (Cement	PLUGCE	M (TM) S	YSTE	M (4529	69)	227.0	sacks	17.	.99	3.7	77		3.77
	0.5 %		CFR-3, V	V/O DEFC	AME	R, 50 LB	SK ((100003653)							
	0.5 %		D-AIR 50	000, 50 LB	SAC	< (10206	8797	7)							
	3.766 Ga	ı	FRESH \	WATER		N		and the second							
	TUNED SPACER I BEHIND	II	TUNED S	SPACER I	II - SE	SM (4838	326)	3.00	bbl	10.5	.0	.(0	.0	
	37.58 gal/b	bl	FRESH \	WATER					-						
	88.7 lbm/b	bl	BAROID	41 - 100 L	ВВА	G (4780	96)								
	DISPLACE TO BALANCE								bbl					.0	
	PLUG #2 AHEAD	. 20000 00000		SPACER I	II - SE	SM (4838	326)	17.00	bbl	10.5	.0		0	.0	
	37.58 gal/b		FRESH \						2005						
	88.7 lbm/b			41 - 100 L							020.20				
6	Cement I	Plug #2						227.0	sacks	17.	.99	3.7	77		3.77
	0.5 %							(100003653)							
	0.5 %			000, 50 LB	SAC	(10206	879	7)							
	3.766 Ga		FRESH							T					
	PLUG #2 BEHIND 37.58 gal/b		FRESH	SPACER I	II - SE	3W (4838	326)	3.00	bbl	10.5	.0).	0	.0	
	88.7 lbm/b			41 - 100 L	DDA	C (4790	06)							M)	
8	DISPLACE TO BALANCE	MENT	Drill (OID	11 100 1		- (+700	00)		bbl					.0	
	alculated	40		Pres	sures					V	olumes				
	cement	72 BI		In: Instai			Los	st Returns	0	Cement S			0 BB	L Pad	
Top O	f Cement		5 Mii	n			Cei	ment Return		Actual Di	splacem		2 BB	L Treatn	nent
Frac C	iradient		15 M	in			Spa	acers	20 BBI	Load and	Breakdo	own		Total	lob
								Rates							
	lating	2.5		Mixing			.5		cement	4.	5	Av	g. J	ob	4
	ent Left In		Amount		Reaso										- 1,- 1
77-11111	Ring # 1 @			Frac ring Herein I			ID C	Frac Ri ustomer Repre	ng # 3 @ sentative	the second second second	D	Frac I	≺ing	#4@	ID

Cementing Job Log

MBU ID Emp #: 442123

The Road to Excellence Starts with Safety

Sold To #: 305922 **Ship To #**: 2928196 Quote #: Sales Order #: 9555178 Customer: THE GHK COMPANY LLC - EBUS Customer Rep: Schultz, Kenny Well Name: Windholz Well #: 1-24 HD API/UWI #: 15-195-2278701 Field: City (SAP): WAKEENEY County/Parish: Trego State: Kansas Legal Description: Section 24 Township 13S Range 22W Lat: N 36.509 deg. OR N 36 deg. 30 min. 32.69 secs. Long: W 100.185 deg. OR W -101 deg. 48 min. 55,189 secs.

Srvc Supervisor: AGUILERA, FABIAN

Contractor: Union Drilling Rig/Platform Name/Num: 32

Job Purpose: Plug Back Ticket Amount:

Well Type: Development Well Job Type: Plug Back Sales Person: KARBER, J

Pressure Rate Volume **Activity Description** Date/Time Cht bbl/ Comments psig bbl min Stage Total # Tubing Casing Call Out 05/30/2012 CREW CALLED OUT 11:00 FOR THE GHK COMPANY 4 1/2 DP PLUG BACK Pre-Convoy Safety Meeting 05/30/2012 DISCUSSED ALL 11:10 POTENTIAL ROAD HAZARDS WITH HES **CREW** Crew Leave Yard 05/30/2012 **CALL JOURNEY** 12:00 MANAGEMENT. **ENROUTE TO** LOCATION ON THE **GHK COMPANY** Arrive At Loc 05/30/2012 ARRIVED ON 14:00 LOCATION Assessment Of Location 05/30/2012 ASSESED THE Safety Meeting 14:10 LOCATION, SPOT IN EQUIPMENT, WATER TESTED GOOD, GOT WITH CM AND WENT OVER JOB DEPTH AND NUMBERS, THEY AR E AT BOTTOM CIRCUALTING AND HAVE GOOD RETURNS. Pre-Rig Up Safety Meeting 05/30/2012 DISCUSSED ALL 14:15 POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW Rig-Up Equipment 05/30/2012 RIG UP IRON AND 14:30 WATER AND MUD HOSES Rig-Up Completed 05/30/2012 RIG UP WENT WELL 15:30 AND SAFELY

Sold To #: 305922 Ship To #:2928196 Quote #: Sales Order # : 9555178

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Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure sig	Comments
		#	111111	Stage	Total	Tubing	Casing	
Pre-Job Safety Meeting	05/30/2012 18:30							DISCUSSED ALL POTENTIAL HAZARDS WHEN PRESSURE IS PRESENT WITH HES AND RIG CREW, WENT OVER JOB DEPTH AND SCHEDULE WITH CM
Start Job	05/30/2012 18:47							
Test Lines	05/30/2012 18:48							TEST LINES TO 3000 PSI
Pump Spacer	05/30/2012 18:58		2.5	17			100.0	PUMP TS OF 17 BBL @ 10.50#
Pump Cement	05/30/2012 18:59		4.5	40			156.0	PUMP CEMENT 227 SKS= 40 BBL @ 17.0#
Pump Spacer	05/30/2012 19:11		4.5	3			100.0	PUMP TS 3 BBL @ 10.5#
Pump Displacement	05/30/2012 19:13		4.5	45			140.0	PUMP MUD DISPLACEMENT OF 45 BBL @ 9.4#
Stop Pumping	05/30/2012 19:26							STOP PUMPING, BROKE OF LINES FROM DP AND RIG CREW STARTED TO TAKE OUT 10 STANDS OF PIPE, CLEAN LINES AND TUB AND WAIT TO DO 2ND STAGE PLUG
Other	05/30/2012 19:30							RIG CREW IS AT 2524 FT. RIG CREW GOING TO PUMP BOTTOMS UP FOR 30 MINUTES BEFORE PUMPING PLUG
Pump Spacer	05/30/2012 20:39		2.5	17			200.0	PUMP TS OF 17 BBL @ 10.5#
Pump Cement	05/30/2012 20:45		4.5	40			100.0	PUMP CEMENT= 227 SKS= 17.0#
Pump Spacer	05/30/2012 20:55		4.5	3			90.0	PUMP TS OF 3 BBL @ 10.5#
Pump Displacement	05/30/2012 20:57		4.5	37			100.0	PUMP MUD DISPLACEMENT OF 37 BBL @ 9.4#
Stop Pumping	05/30/2012 21:05							STOP PUMPING AND CLEAN LINES AND TUB
End Job	05/30/2012 21:33							

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Activity Description	Date/Time	Cht	Rate bbl/ min		ume bl		sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Pre-Rig Down Safety Meeting	05/30/2012 21:40							DISCUSSED ALL POTENTIAL HAZARDS AND PINCH POINTS WITH HES CREW
Rig-Down Equipment	05/30/2012 21:50							RIG DOWN IRON AND WATER AND MUD HOSES
Rig-Down Completed	05/30/2012 22:30							RIG DOWN WENT WELL AND SAFELY
Pre-Convoy Safety Meeting	05/30/2012 22:45							DISCUSSED ALL POTENTIAL ROAD HAZARDS WITH HES CREW
Crew Leave Location	05/30/2012 23:00							THANK YOU FOR CHOOSING HALLIBURTON, FABIAN AND CREW

Sold To #: 305922

Ship To #:2928196

Quote #:

Sales Order #:

9555178

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Tuesday, July 15, 2014 03:56:00

EXHIBIT L

EXTRA WORK REQUEST

Company	Contract Number	Work Offer Number
Northern Natural Gas Company	79209479	N/A
Contractor	Work Order 01103521	Change Order Number
Tres Management, Inc.	01103521	3
Project Redfield Mount Simon Withdrawal Wells – Phase 1	Facility	Date
Redfield Disposal Well No. 2	Redfield Underground Storage	July 16, 2014
Description of Work:		
Run OH logs in intermediate hole section.		
Reason for Change Order Request:		
Ordered by NNG personnel due to unexpected gas sh	ow in the intermediate section of t	the hole
9.000 ay a personner and to anon-posted 9.00 a.	ow in the intermediate section of	me noie.
Itemized Cost Breakdown Components:	Itemized Cost:	
Extra Rig time to run logs, 18 hrs	\$14625	
Rental equipment extra time	\$9000	
3. Extra logging cost4. 12.5% markup	\$22000 \$5700	
	1 40700	
Method of Payment:	Maximum Amount Au	thorized:
Method of Payment:	Maximum Amount Au Total Cost	\$
Method of Payment: Lump Sum Unit Priced Item	Maximum Amount Au Total Cost Total Cost	\$ \$
Method of Payment: Lump Sum Unit Priced Item T&M Not to Exceed	Maximum Amount Au Total Cost Total Cost Total Cost	\$ \$ \$
Method of Payment: ☐ Lump Sum ☐ Unit Priced Item ☐ T&M Not to Exceed ☑ T&M	Maximum Amount Au Total Cost Total Cost	\$ \$
Method of Payment: Lump Sum Unit Priced Item T&M Not to Exceed	Maximum Amount Au Total Cost Total Cost Total Cost	\$ \$ \$
Method of Payment: ☐ Lump Sum ☐ Unit Priced Item ☐ T&M Not to Exceed ☑ T&M	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost	\$ \$ \$ \$
Method of Payment: ☐ Lump Sum ☐ Unit Priced Item ☐ T&M Not to Exceed ☐ T&M ☐ Force Account	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost * Estimated Cost	\$ \$ \$ \$
Method of Payment: ☐ Lump Sum ☐ Unit Priced Item ☐ T&M Not to Exceed ☐ T&M ☐ Force Account Specific Task Schedule Impact:	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost * Estimated Cost Substantial Completi	\$\$ \$\$ \$\$ \$\$ \$\$ Son Schedule Impact:
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed □ T&M □ Force Account Specific Task Schedule Impact: □ No Change □ Increase New Completion Date: add 18 hrs	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost * Estimated Cost Substantial Completi No Change Increase New Decrease New	\$ \$ \$ \$
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed ☒ T&M □ Force Account Specific Task Schedule Impact: □ No Change ☒ Increase New Completion Date: add 18 hrs □ Decrease New Completion Date:	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost * Estimated Cost Substantial Completi No Change Increase New Decrease New	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ con Schedule Impact: ### Completion Date:_Add 18 hrs
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed □ T&M □ Force Account Specific Task Schedule Impact: □ No Change □ Increase New Completion Date: add 18 hrs	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost * Estimated Cost Substantial Completi □ No Change □ Increase New □ Decrease New	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ Son Schedule Impact: V Completion Date:_Add 18 hrs V Completion Date:_
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed □ T&M □ Force Account Specific Task Schedule Impact: □ No Change □ Increase New Completion Date: add 18 hrs □ Decrease New Completion Date: Approval: Contractor Representative	Maximum Amount Au Total Cost Total Cost * Estimated Cost * Estimated Cost * Estimated Cost Substantial Completi □ No Change □ Increase New □ Decrease New □ Company Representation	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ Son Schedule Impact: V Completion Date:_Add 18 hrs V Completion Date:_ Ve or VP Operations
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed ☒ T&M □ Force Account Specific Task Schedule Impact: □ No Change ☒ Increase New Completion Date: add 18 hrs □ Decrease New Completion Date:	Maximum Amount Au Total Cost Total Cost Total Cost * Estimated Cost * Estimated Cost Substantial Completi □ No Change □ Increase New □ Decrease New	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ Son Schedule Impact: V Completion Date:_Add 18 hrs V Completion Date:_ Ve or VP Operations
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed □ T&M □ Force Account Specific Task Schedule Impact: □ No Change □ Increase New Completion Date: add 18 hrs □ Decrease New Completion Date: Approval: Contractor Representative	Maximum Amount Au Total Cost Total Cost * Estimated Cost * Estimated Cost * Estimated Cost Substantial Completi □ No Change □ Increase New □ Decrease New □ Company Representation	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ Son Schedule Impact: V Completion Date:_Add 18 hrs V Completion Date:_ Ve or VP Operations
Method of Payment: □ Lump Sum □ Unit Priced Item □ T&M Not to Exceed □ T&M □ Force Account Specific Task Schedule Impact: □ No Change □ Increase New Completion Date: add 18 hrs □ Decrease New Completion Date: Approval: Contractor Representative	Maximum Amount Au Total Cost Total Cost * Estimated Cost * Estimated Cost * Estimated Cost Substantial Completi □ No Change □ Increase New □ Decrease New □ Company Representation	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ Son Schedule Impact: V Completion Date: _Add 18 hrs V Completion Date: Ve or VP Operations

^{*} Contractor must notify Company when 90% of the authorized amount is expended to determine if additional approval is required.