#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION COMMISSION

APPLICATION OF GOODNIGHT MIDSTREAM PERMIAN LLC FOR APPROVAL OF A SALTWATER DISPOSAL WELL, LEA COUNTY, NEW MEXICO.	COMM. CASE NO. 24123
APPLICATIONS OF GOODNIGHT MIDSTREAM PERMIAN LLC FOR APPROVAL OF SALTWATER DISPOSAL WELLS,	
LEA COUNTY, NEW MEXICO.	DIV. CASE NOS. 23614-23617
APPLICATION OF GOODNIGHT MIDSTREAM PERMIAN, LLC TO AMEND ORDER NO. R-22026/SWD-2403 TO INCREASE THE APPROVED INJECTION RATE IN ITS ANDRE DAWSON SWD #1	
ANDRE DAWSON SWD #1, LEA COUNTY, NEW MEXICO.	<b>DIV. CASE NO. 23775</b>

APPLICATIONS OF EMPIRE NEW MEXICO LLC TO REVOKE INJECTION AUTHORITY, LEA COUNTY, NEW MEXICO.

DIV. CASE NOS. 24018-24020, 24025

#### EMPIRE NEW MEXICO LLC'S CROSS EXAMINATION EXHIBIT NO. 12

Empire New Mexico, LLC, through its undersigned counsel, submits its Cross Examination Exhibit No. 12, the workover report on the Ryno SWD 1, which was admitted into the record during the hearing in these matters on May 20, 2025. Respectfully submitted,

By: /s/ Dana S. Hardy

Dana S. Hardy Jaclyn M. McLean Timothy B. Rode **HARDY MCLEAN LLC** 125 Lincoln Ave., Suite 223 Santa Fe, NM 87505 (505) 230-4410 dhardy@hardymclean.com jmclean@hardymclean.com trode@hardymclean.com

Sharon T. Shaheen **SPENCER FANE LLP** P.O. Box 2307 Santa Fe, NM 87504-2307 (505) 986-2678 sshaheen@spencerfane.com

Ernest L. Padilla **PADILLA LAW FIRM, P.A.** P.O. Box 2523 Santa Fe, NM 87504 (505) 988-7577 padillalawnm@outlook.com

Corey F. Wehmeyer SANTOYO WEHMEYER, P.C. IBC Highway 281 N. Centre Bldg. 12400 San Pedro Avenue, Suite 300 San Antonio, Texas 78216 (210) 998-4190 cwehmeyer@swenergylaw.com

Attorneys for Empire New Mexico, LLC

#### **CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing was served on the following counsel of record by electronic mail on May 22, 2025.

/s/ Dana S. Hardy

Mathew M. Beck Peifer, Hanson, Mullins & Baker, P.A. P.O. Box 25245 Albuquerque, NM 87125-5245 <u>mbeck@peiferlaw.com</u>

Attorneys for Rice Operating Company and Permian Line Company, LLC Christopher Moander Jesse Tremaine Office of General Counsel New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 <u>Chris.Moander@emnrd.nm.gov</u> Jessek.tremaine@emnrd.nm.gov

Attorneys for Oil Conservation Division

Miguel A. Suazo Sophia Graham James Parrot Beatty & Wozniak, P.C. 500 Don Gaspar Ave. Santa Fe, NM 87505 msuazo@bwenergylaw.com sgraham@bwenergylaw.com jparrot@bwenergylaw.com

Attorneys for Pilot Water Solutions SWD, LLC

Michael H. Feldewert Adam G. Rankin Paula M. Vance Nathan Jurgensen Holland & Hart LLP P.O. Box 2208 Santa Fe, NM 87504 mfeldewert@hollandhart.com pmvance@hollandhart.com nrjurgensen@hollandhart.com

Attorneys for Intervenor Goodnight Midstream, LLC

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BRUIN			ERING, LLC	· —								
								REPORT	1			
Date:	10/19/2		Operator:		Inight Mid			Well Name:			SWD 1	
Field:		Andres	County:		, NM	Consult		Ronnie M		Phone:		930-0282
	Operation Cool		Preparing to re	1				Contractor 8			Mesa 21	
Producti Tubing (		4-1/2"	7" Wt:	Depth:	Grade:	556' L80	Wt.: Coup	26 lb/ft ling: 8R, l	Grade:	HCL80 erfs:	<b>PBTD:</b> 4380' -	5625'
		4-1/2	VVI.	11.0 10/11	Glaue.	LOU	loonb				4000 -	3300
From	То	Hrs										
7:00	8:30			ocation, n	net with G	Goodnigh	t, Amei	ican safety, R	enegade sli	ickline crew	, and Mes	а.
								tubing pressur	-		,	
8:30	9:00	0.5					-	e up 2.86" gau				
9:00	10:30							with gauge rir		backer at 43	37' renaii	ed slickline
3.00	10.00	/ 1.0						e with gauge r			ior , ropan	
10:30	11:00	0.5		-				packer, pulled	-		ne and set	ting tool
11:00	12:00					-		20 bbls dowr				-
11.00	12.00	) 1.0							<u> </u>	• •		
	40.00		•					off, tied into ca	•	•	s to 500 p	SI.
12:00	12:30			-	-		-	00 psi for 15 r		-		
12:30	13:00							and Renegade				
13:00	14:00	) 1.0					-	on tree from tu	-			-
			the rig bloc	ks, talkec	d with End	core well	nead te	ch and ordere	d flange spl	itter tool to	separate f	langes.
14:00	16:00	) 2.0	Waited on	Encore fla	ange split	tter tool.						
16:00	17:00	) 1.0	Used Enco	ore tool to	separate	and rem	ove tre	e from tubing	hanger, lots	of scale ar	nd rust on	top tubing
					=			rs and clean u	-			-
17:00	18:30	) 1.5	Nippled up	BOPs, te	ested blind	d rams to	1500	osi, good test.				
18:30	7:00											
10.00	1.00	12.		ior night.								
		_										
			Deschurd			-:	01 44 0		0 line of the lo			
					-			6 lb/ft L-80 BT			and, 1 - 4-	1/2 pup joint
			Cleaned, d	ritted and	tailled w	ith Bodar	k servi	ces (4705.58')	+ 10.09 pu	p jt.		
	Į	<u>24.</u>	) Ibing Setting & B						Work	over Cost		
Qty	OD		Description		Length	Тор	Intangi	bles	WOIK		Daily	Cumulative
			Description		Longin		Loca				Duny	Guindiative
	+							lobilization				
	+ +							ay Work			4,929.00	4,929.00
	+ +						Mud				4,523.00	4,929.00
	+	_					Wate	r				
	+											
	+ $+$							enting Servi			E00.00	F00 00
	+	_						oment Renta	115		500.00	500.00
							Bits					
	$\vdash$							d Hole Logs				
						ļ		ine Services				
						ļ		uction Testi	ng & BHP			
								ulation				
								sportation				
						ļ		rvision			1,800.00	1,800.00
								. Labor & Se	rvices	1	5,625.00	15,625.00
							-	ibles				
							Tubi					
							Pack					
							Well					
							Cont	ingency (10 <sup>g</sup>	%)		2,285.40	2,285.40
			End of tubing				Tota	Costs		2	5,139.40	25,139.40

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### BRUINGTON ENGINEERING, LLC -

BRUIN	IGTON EN	IGINEE	RING, LLC	>		NORKO	VER R	EPORT					
Date:	10/20/24	Op	erator:	Good	Inight Mid	lstream, l	LLC	Well Nam	ie:		Ryno	SWD 1	
Field:	San A		County:		, NM	Consult			e McWh	irter	Phone:		930-0282
	Operation	Prep	aring to pull		,			Contract				Mesa 2	
	on Casing		7"	Depth:		556'	Wt.:	26 lb/f		rade:	HCL80	PBTD:	5625'
Tubing C	DD:		Wt:		Grade:		Coupl	ing:		P	erfs:	4380'	- 5560'
	!		•			•	· · ·			•			
From	То	Hrs											
7:00	8:00	1.0	Arrived at l	ocation, v	vaited on	daylight							
8:00	8:30	0.5	Conducted				ntation v	vith Mesau	uite Tool	hand	and Byrd p	ower tona	crews.
8:30	9:00	0.5	Rigged up					•					
9:00	12:00	3.0	Waited on	•		•	•						
12:00	13:00	1.0	Worked tub					bing to ric	abt 12 ro	undo c	nd unlatab	od and rol	and
12.00	13.00	1.0		-		-			-				easeu
			tubing from			-							
13:00	14:30	1.5	Circulated			vith rever	se unit a	at 5 bpm f	or 200 b	bls, ret	urns were	clean after	one
			circulation	(67 bbls).									
14:30	18:30	4.0	Pulled out o	of hole lay	ying dowr	וס 107 join	nts of tub	oing and 2	pup joir	nts whi	le looking f	or corrosio	n, holes or
			damage to	tubina. B	roke con	nections	with pov	ver tonas	and rota	ted at	no more that	an 25 rpms	3.
			Found seve	-				-					
		-	several joir		<u> </u>	, .				Sical			
								•			rodroop		
40.5-	7.00	1	Sent packe				squite to	u nang f	or repail	is and	reuress.		
18:30	7:00	12.5	Shut down	for hight.									
		+											
		+											
		24.0											
			g Setting & Bl	НА			T			Work	over Cost		
Qty		1	Description		Length	Тор	Intangib	les				Daily	Cumulative
		1					Locat					,	
								obilizati	on				
									011			7 600 00	40 500 00
		+				<b> </b>	-	ay Work				7,600.00	12,529.00
							Mud						
		<u> </u>				ļ	Water						
								nting Se					
								ment Re	ntals			350.00	850.00
							Bits						
							Cased	d Hole Lo	ogs & F	Perf.			
								ne Servi					
		1						iction Te		BHP			
		1						lation					
		+						portatio	n				
		+						vision				1,800.00	2 600 00
									<u> </u>				3,600.00
	├──							Labor &	Servic	es		13,250.00	28,875.00
		<b> </b>				ļ	Tangi						
							Tubin						
							Packe						
							Wellh	ead					
							Conti	ngency (	10%)			2,300.00	4,585.40
			End of tubing					Costs	,			25,300.00	
		-											

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BRUINGTON	ENGINEERING, LLC
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BRUIN	IGTON	ENGINE	ERING, LLC	· — ·	DAILY V	vorko	VER F	REPO	RT						
Date:	10/21/2	24 <b>O</b>	perator:		Inight Mid				Name:			Ry	o SWD 1		
Field:	Sar	n Andres	County:		, NM	Consult		R	onnie M	cWhir	ter	Phone			30-0282
Present	-		Attempting		<u> </u>				actor &	-			Mesa		
Producti		-	7"	Depth:		556'	Wt.:		lb/ft		ade:	HCL8			5625'
Tubing C	OD:	4-1/2"	Wt:	11.6	Grade:	L-80	Coup	ling:	BT	C	Pe	erfs:	438	30' -	5560'
			1												
From	To	Hrs	Arrived at l	o o o ti o n	anduatad	Coodei	abt Mid	otroom	Orient	otion f	<u></u>	v hondo	hold oof		acting
7:00	8:00	1.0	Arrived at l		conducted	Goodili	grit ivila	stream	Onent	ation	ornev	v nanus,	neiu saie	цуп	leeting
	0.00	15	with all per				NP								
8:00	9:30	1.5	Rigged up												
			-		iger. Deci	Ision was	made	to repi	ace sea	als on	nange	er and re	un nange	er ar	nd continue
0.00	11.00		using tubin	-	- 4 4 - 4	<b>500</b>					4 .	- 4			
9:30	11:30		Nippled up												44.0 11./51
11:30	19:00	0 7.5	Made up st												
			L-80, BTC			<u> </u>				ng dop	e. Ma	de up w	th torque	turn	)
			at 25 rpms		-										
			Tagged an	-	-						-				-
			out, would			-				-					
			to right 10-											<u> </u>	
			freely. Pres	-	-								-	owe	r
			swivel and	-		. Mesa w	ill bring	swive	l and o	perato	r in the	e mornir	g.		
19:00	7:00	12.0	Shut down	for night.											
L															
		24.0													
		Tub	ing Setting & Bl	HA							Workc	over Cost			
Qty	OD		ing Setting & B Description	HA	Length	Тор	Intangi				Workd	over Cost	Daily		Cumulative
Qty	OD	Tub		HA	Length	Тор	Loca	tion			Workc	over Cost	Daily		Cumulative
Qty	OD	Tub		HA	Length	Тор	Loca Rig N	tion Iobiliz	zation		Workd	over Cost	-		
Qty	OD	Tub		HA	Length	Тор	Loca Rig M Rig D	tion			Workc	over Cost	Daily 5,275.	00	Cumulative 17,804.00
Qty	OD 0	Tub		HA	Length	Тор	Loca Rig M Rig D Mud	tion Iobiliz Day W			Workd	over Cost	5,275.		17,804.00
Qty	OD	Tub		HA	Length	Тор	Loca Rig M Rig D Mud Wate	tion Iobiliz Day W r	ork		Workc	over Cost	-		
Qty	OD	Tub		HA	Length	Тор	Loca Rig N Rig D Mud Wate Ceme	tion Iobiliz Day W r enting	ork I Servi		Workc	over Cost	5,275.	00	17,804.00
Qty	OD .	Tub		HA	Length	Тор	Loca Rig M Rig D Mud Wate Cemo Equij	tion Iobiliz Day W r enting	ork		Workc	over Cost	5,275.	00	17,804.00
Qty	OD	Tub		HA	Length	Тор	Loca Rig M Rig D Mud Wate Cemo Equi Bits	tion Iobiliz Day W r enting oment	ork I Servi t Renta	als		over Cost	5,275.	00	17,804.00
Qty	OD	Tub		HA	Length	Тор	Loca Rig N Rig D Mud Wate Cemo Equij Bits Case	tion Iobiliz Day W r enting oment d Hol	ork I Servi t Renta e Logs	als 5 & Pe		over Cost	5,275.	00	17,804.00
Qty		Tub		HA	Length	Тор	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case Wirel	tion Iobiliz Day W r enting oment d Hol line So	ork I Servi t Renta e Logs ervices	als 6 & Pe 6	erf.	over Cost	5,275.	00	17,804.00
Qty	OD	Tub		HA	Length	Тор	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case Wirel Prod	tion Iobiliz Day W r enting oment d Hol ine So uctior	ork   Servi t Renta e Logs ervices n Testi	als 6 & Pe 6	erf.	over Cost	5,275.	00	17,804.00
Qty	OD	Tub		HA	Length	Тор	Loca Rig M Rig C Mud Wate Ceme Equij Bits Case Wirel Prod Stim	tion Aobiliz Day W r enting oment oment d Hol line So uctior ulatio	ork I Servi I Renta E Logs Prvices I Testi N	als 6 & Pe 6	erf.	over Cost	5,275. 1,500. 500.	00	17,804.00 1,500.00 1,350.00
Qty	OD	Tub		HA	Length	Top	Loca Rig M Rig C Mud Wate Cema Equij Bits Case Wirel Prod Stimu Trans	tion Aobiliz Day W r enting oment d Hol ine So uction ulation sporta	ork I Servi t Renta e Logs ervices n Testi n ation	als 6 & Pe 6	erf.	over Cost	5,275. 1,500. 500.		17,804.00 1,500.00 1,350.00 650.00
Qty		Tub			Length	Тор	Loca Rig M Rig D Mud Wate Ceme Equij Bits Case Wirel Prod Stime Trans Supe	tion Mobiliz Day W r enting oment d Hol ine So uctior ulation sporta rvisio	ork I Servi t Renta e Logs ervices n Testi n ation n	als 6 & Pe 6 ng &	erf. BHP	over Cost	5,275. 1,500. 500. 650.		17,804.00 1,500.00 1,350.00 650.00 5,400.00
Qty	OD 	Tub			Length	Top	Loca Rig M Rig C Mud Wate Cemo Equi Bits Case Wirel Prod Stimu Trans Supe Misc.	tion Mobiliz Day W r enting oment d Hol ine So uction ulation sporta rvisio Labo	ork I Servi t Renta e Logs ervices n Testi n ation	als 6 & Pe 6 ng &	erf. BHP	over Cost	5,275. 1,500. 500.		17,804.00 1,500.00 1,350.00 650.00
Qty	OD	Tub		HA	Length	Top	Loca Rig M Rig C Mud Wate Ceme Equij Bits Case Wirel Prod Stime Trans Supe Misc. Tang	tion Aobiliz Day W r enting oment oment d Hol ine So uction ulation sporta rvisio . Labo ibles	ork I Servi t Renta e Logs ervices n Testi n ation n	als 6 & Pe 6 ng &	erf. BHP	over Cost	5,275. 1,500. 500. 650. 1,800. 15,200.		17,804.00 1,500.00 1,350.00 650.00 5,400.00 44,075.00
Qty		Tub		HA	Length	Top	Loca Rig M Rig D Mud Wate Ceme Equij Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir	tion Aobiliz Day W r enting oment oment d Hol ine So uctior ulation sporta rvisio . Labo ibles ng	ork I Servi t Renta e Logs ervices n Testi n ation n	als 6 & Pe 6 ng &	erf. BHP	over Cost	5,275. 1,500. 500. 650. 1,800. 15,200. 5,665.		17,804.00 1,500.00 1,350.00 650.00 5,400.00 44,075.00
Qty		Tub			Length	Тор	Loca Rig M Rig C Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe Misc. Tang Tubin Pack	tion Mobiliz Day W r enting oment oment d Hol ine So uctior ulation sporta rvisio Labo ibles ng er	ork I Servi t Renta e Logs ervices n Testi n ation n	als 6 & Pe 6 ng &	erf. BHP	over Cost	5,275. 1,500. 500. 650. 1,800. 15,200. 5,665. 4,723.		17,804.00 1,500.00 1,350.00 650.00 5,400.00 44,075.00 5,665.00 4,723.00
Qty		Tub			Length	Тор	Loca Rig M Rig C Mud Wate Cemo Equij Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubii Pack Wellt	tion Mobiliz Day W r enting oment oment d Hol ine So uction ulation sporta rvisio Labo ibles ng er nead	ork I Servi t Renta e Logs ervices n Testi n ation or & Se	als & Pe s ng & rvice	erf. BHP	over Cost	5,275. 1,500. 500. 500. 1,800. 15,200. 5,665. 4,723. 3,610.		17,804.00 1,500.00 1,350.00 650.00 5,400.00 44,075.00 5,665.00 4,723.00 3,610.00
Qty		Tub			Length	Top	Loca Rig M Rig C Mud Wate Cemo Equij Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubin Pack Wellf Cont	tion Mobiliz Day W r enting oment oment d Hol ine So uction ulation sporta rvisio Labo ibles ng er nead	ork I Servi t Renta e Logs ervices n Testi n ation or & Se cy (10	als & Pe s ng & rvice	erf. BHP	over Cost	5,275. 1,500. 500. 650. 1,800. 15,200. 5,665. 4,723.		17,804.00 1,500.00 1,350.00 650.00 5,400.00 44,075.00 5,665.00 4,723.00

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E	BRUINGTON	ENGINEERING, LLC
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BRUIN	IGTO	N EN	GINEE	RING, LLC	;		NORKO	VER REPO	RT					
Date:	10/2	2/24	Ope	erator:	Good	Inight Mid	lstream, L	LC Well	Name:			Ryn	o SWD 1	
Field:	S	San Ar		County:		, NM	Consult		lonnie N	lcWhi	rter	Phone:	903	-930-0282
Present				hut in, waitii	ng to pull				tractor &	& Rig	No.:		Mesa 2	
Product				7"	Depth:	10,	556'		6 lb/ft	_	ade:	HCL80		
Tubing (	OD:	4	-1/2"	Wt:	11.6	Grade:	L-80	Coupling:	BT	C	Pe	erfs:	4380	' - 5560'
From	T		Hrs											
7:00	-	30	1.5		-			personnel, r						
8:30		00	0.5					mbly release				<u> </u>	1t.	
9:00		30	0.5				•	vivel, rigged		•	•			
9:30	10	:30	1.0		• • •		<u> </u>	ssembly off		<u> </u>		ulled 1 ful	l joint tubin	g, made up
						-	-	out (4', 8' & 1	0' = 22.2	26' ov	erall)			
10:30	11	:30	1.0	Waited on	vac truck	to arrive.								
11:30	12	:30	1.0	-				n packer flui	-					
12:30	13	:00	0.5	Made up ha	anger ass	sembly, s	tung into j	oacker, land	ed tubin	g with	30k lk	os compre	ession.	
13:00	14	:00	1.0	Backed out	t pup joint	t from hai	nger asse	mbly, rigged	l down E	Byrd p	ower to	ongs and	released, r	igged up
				Monahans	test truck									
14:00	14	:30	0.5	Tested ann	ulus to 50	00 psi for	30 minut	es with char	t, good t	est.				
14:30	_	:00	2.5					over rig, ins	-		pled u	p replace	ment tree a	and flowline.
			2.0	released al						p	p	p p		
					roquiprite		in won.							
				Waiting to p		and perfo	rm MIT te	et						
					pun piug a	anu peno		.ol.						
				Notes:				151 1 1			- 011			
				-				s/ft and redu	ces ID b	y 0.25	50"			
				Tubing han	-									
							-	with 10-12 I			-			
						g, entire ir	njection tr	ee was repla	aced wit	h 500	0 psi, E	EE-0.5 ma	ain valves v	with Xylan
				coating by	Encore									
				Top connec	ction on ti	ree is 4-1	/16" 5000	psi flange v	vith 4-1/2	2" 8R	EUE t	hreads		
-			10.0											
			Tubin	g Setting & Bl	HA		1				Work	over Cost		
Qty	OD	ID		Description		Length	Тор	Intangibles					Daily	Cumulative
				KB		20.00		Location						<b></b>
1				Tubing hanger		0.60		Rig Mobili					1000	<u> </u>
1	4.5"	3.75"		11.6 lb/ft L80 B		38.35		Rig Day W	ork				4,929.00	22,733.00
1	4.5"	3.75"		6 lb/ft L80 BTC	-	10.10		Mud						<u> </u>
1	4.5"	3.75"		6 lb/ft L80 BTC	-	8.60		Water					1,500.00	3,000.00
1	4.5"	3.75"		6 lb/ft L80 BTC	-	4.10		Cementin	-					<u> </u>
108	4.5"	3.75"		11.6 lb/ft L80 B		4271.88		Equipmen	it Renta	als			18,396.00	19,746.00
1	4.5"	4.0"		BTC TAN nipp	. ,	0.60								<b></b>
1	4.5"	3.06"	4-1/2" BT0	C x 3-1/2" 8R E	UE xo (ss)	0.62		Cased Ho			erf.			
1	3.5"	2.81"		' x 2.81" F nipp		0.89		Wireline S						
1	4.5"	3.06"	3-1/2" 8R	EUE x 4-1/2" L	TC xo (ss)	0.53		Productio		ng &	BHP			
1	5.25"	4.25"	5" x 4" ar	nchor latch seal	assy (ss)	0.75	4356.27	Stimulatio	on					
1	5.9"	4.25"	x 5" x 4" du	al bore Permap	oak packer (	6.97	4357.02	Transport	ation				2,150.00	2,800.00
1	4.5"	3.06"	-1/2" LTC b	oox x 3-1/2" EU	E pin xo (se	0.44	4363.99	Supervisi	on				1,800.00	7,200.00
1	3.5"	3.06"	:	3-1/2" pup jt (ss	;)	3.60	4364.43	Misc. Lab	or & Se	rvice	es		11,057.00	55,132.00
1	3.5"	2.75"	3-1/2"	' x 2.75" R nipp	le (ss)	0.90	4368.03	Tangibles						1
1	3.5"	3.06"	3-1/2	" pump out plu	g (ss)	0.66		Tubing					4,216.00	9,881.00
	1							Packer						4,723.00
	1							Wellhead						3,610.00
						ł	ł							
								Continger	1Cy (10'	%)			4,404.80	12,882.50
				End of tubing			4368.93	Continger Total Cos	<u> </u>	%)			4,404.80	

# Ø000

	BRUINGTON	ENGINEERING, LLC	
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Date:				RING, LLC		DAILY V	VORKO	VER RI	EPORT					
	10/2	24/24	Оре	erator:	Good	Inight Mid	stream, L	LC N	Well Nan	ne:		Rync	SWD 1	
Field:		San Ar		County:		, NM	Consult	ant:	Ronn	ie McW	/hirter	Phone:	903-9	930-0282
Present (				/ell released					Contract		ig No.:			
Production				7"	Depth:	10,	556'	Wt.:	26 lb/	ft	Grade:	HCL80		5625'
Fubing O	DD:	4	-1/2"	Wt:	11.6	Grade:	L-80	Coupli	ing:	BTC	P (	erfs:	4380'	- 5560'
	-		-	-										
From		о	Hrs											
7:00	7:	30	0.5	Arrived at lo	ocation, h	eld safet	y meeting	with Re	enegade	slicklin	e crew a	nd Monaha	ans Nipple	Up.
7:30	8:	00	0.5	Rigged up :	slickline t	ruck. SIT	P = 0 psi,	SICP =	: 0 psi.					
8:00	10	:30	2.5	Retrieved 2	2.75" R pl	ug set in	packer, w	ell on v	acuum, r	igged o	lown and	released	slickline tru	ick.
10:30	12	:00	1.5	Rigged up I	Monahan	s test true	ck, opene	d valve	s to chec	k pres	sures and	d bleed off	, surface ca	asing
				had pressu	re and no	o gauge, d	cracked v	alve and	d bled pr	essure	water, a	ir and gas.	Caught wa	ater sample
				for analysis		0 0 /								•
12:00	14	:00	2.0	Waited for		ut dand ir	aised 2" I	ine on s	surface c	asina v	ith valve	s and pres	sure daude	e to top of
12.00		.00	2.0	ground, ope						-		-		
44.00	45	.00	4.0	Conducted	-	-			-		-			
14:00	15	:00	1.0								•	• •		
					-						-	-	-	er NM OCD
				rules and re	-					by Gar	y Robins	on, Monah	nans repres	entative,
				Goodnight		•								
15:00	16	:00	1.0	Rigged dow	vn Monah	nans test	truck and	release	ed, turned	well b	ack over	to Goodni	ight Midstre	am for
				injection.										
				,										
			9.0											
				g Setting & Bł	HA						Work	over Cost		
Qty	OD	ID		Description		Length		Intangib			Work	over Cost	Daily	Cumulative
	OD	ID				Length 20.00		Locati	ion		Work	over Cost	Daily	Cumulative
	OD	ID	Tubin	Description KB Tubing hanger				Locati		on	Work	over Cost	Daily	Cumulative
	OD 4.5"	ID 3.75"	Tubin	Description KB		20.00	20.00	Locati Rig M	ion		Work	over Cost	Daily	
1			Tubin 4-1/2"	Description KB Tubing hanger	TC FG	20.00 0.60	20.00	Locati Rig M	ion obilizati		Work	over Cost	Daily	
1	4.5"	3.75"	Tubin 4-1/2" 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 B 6 lb/ft L80 BTC	TC FG FG pup jt	20.00 0.60 38.35	20.00 20.60 58.95	Locati Rig M Rig Da Mud	ion obilizati ay Work		Work	over Cost	Daily	22,733.00
1 1 1	4.5" 4.5" 4.5"	3.75" 3.75" 3.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 B 6 lb/ft L80 BTC 6 lb/ft L80 BTC	TC FG FG pup jt FG pup jt	20.00 0.60 38.35 10.10 8.60	20.00 20.60 58.95 69.05	Locati Rig M Rig Da Mud Water	ion obilizati ay Work			over Cost	Daily	
1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC	TC FG FG pup jt FG pup jt FG pup jt	20.00 0.60 38.35 10.10 8.60 4.10	20.00 20.60 58.95 69.05 77.65	Locati Rig Ma Rig Da Mud Water Ceme	ion obilizati ay Work nting Se	ervice		over Cost	Daily	22,733.00
1 1 1 1 1 1 108	4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC 11.6 lb/ft L80 BTC	TC FG FG pup jt FG pup jt FG pup jt TC FG	20.00 0.60 38.35 10.10 8.60 4.10 4271.88	20.00 20.60 58.95 69.05 77.65 81.75	Locati Rig M Rig Da Mud Water Ceme Equip	ion obilizati ay Work	ervice		over Cost	Daily	22,733.00
1 1 1 1 1 1 108 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2"	Description KB Tubing hanger 11.6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC 11.6 lb/ft L80 B BTC TAN nipp	TC FG FG pup jt FG pup jt FG pup jt TC FG itC FG	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60	20.00 20.60 58.95 69.05 77.65 81.75 4353.63	Locati Rig M Rig Da Mud Water Ceme Equip Bits	ion obilizati ay Work nting Se ment Re	ervice	5	over Cost	Daily	22,733.00
1 1 1 1 1 1 108 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" BT( 4-1/2" BT(	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 B           BTC TAN nipp           C x 3-1/2" 8R E	TC FG FG pup jt FG pup jt FG pup jt TC FG le (ss) UE xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23	Locati Rig Ma Rig Da Mud Water Ceme Equip Bits Cased	ion obilizati ay Work nting Se ment Re d Hole L	ervice entals ogs &	5	over Cost		22,733.00 3,000.00 19,746.00
1 1 1 1 1 1 108 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 L1.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 x 3-1/2" 8R E           2 x 2.81" F nippl	TC FG FG pup jt FG pup jt FG pup jt TC FG le (ss) UE xo (ss) le (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wireli	ion obilizati ay Work nting Se ment Re d Hole L ne Serv	ervice entals ogs & ices	s Perf.		3,385.00	22,733.00 3,000.00 19,746.00 3,385.00
1 1 1 1 1 1 108 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" BTC 3-1/2" 8R	Description           KB           Tubing hanger           11.6 lb/ft L80 B           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           9 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 R8 E           1 x 2.81" F nippl           EUE x 4-1/2" L	TC FG FG pup jt FG pup jt FG pup jt TC FG ile (ss) UE xo (ss) Ile (ss) TC xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wirelii Produ	ion obilizati ay Work nting Se ment Ro d Hole L ne Serv iction To	ervice entals ogs & ices	s Perf.			22,733.00 3,000.00 19,746.00
1 1 1 1 1 1 108 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 8R 5" x 4" ar	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           8 BTC TAN nipp           C x 3-1/2" 8R E           x 2.81" F nippl           EUE x 4-1/2" L           rchor latch seal	TC FG FG pup jt FG pup jt FG pup jt TC FG ile (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wirelin Produ Stimu	ion obilizati ay Work nting Se ment Re d Hole L ne Serv iction Te lation	ervice entals ogs & ices esting	s Perf.		3,385.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00
1 1 1 1 1 1 108 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 8R 5" x 4" ar	Description           KB           Tubing hanger           11.6 lb/ft L80 B           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           9 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 R8 E           1 x 2.81" F nippl           EUE x 4-1/2" L	TC FG FG pup jt FG pup jt FG pup jt TC FG ile (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74 4355.74	Locati Rig M Rig Da Mud Water Ceme Equip Bits Casec Wireli Produ Stimu Trans	ion obilizati ay Work nting Se ment Re d Hole L ne Serv action Te lation portatio	ervice entals ogs & ices esting	s Perf.		3,385.00 2,160.00	22,733.00 3,000.00 19,746.00 3,385.00
1 1 1 1 1 1 1 108 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5" 5.25"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" du	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           8 BTC TAN nipp           C x 3-1/2" 8R E           x 2.81" F nippl           EUE x 4-1/2" L           achor latch seal	TC FG FG pup jt FG pup jt FG pup jt TC FG Ide (ss) UE xo (ss) Ide (ss) TC xo (ss) assy (ss) pak packer (	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74 4355.74	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wirelin Produ Stimu	ion obilizati ay Work nting Se ment Re d Hole L ne Serv action Te lation portatio	ervice entals ogs & ices esting	s Perf.		3,385.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00
1 1 1 1 1 1 1 08 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5" 5.25" 5.9"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" BTC 3-1/2" BTC 3-1/2" 8R 5" x 4" ar x 5" x 4" du -1/2" LTC t	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 L1.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC           2 x 3-1/2" 8R E           x 2.81" F nippl           EUE x 4-1/2" L           ichor latch seal           al bore Permap	TC FG FG pup jt FG pup jt TC FG le (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss) pak packer ( E pin xo (ss	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74 4356.27 4357.02 4363.99	Locati Rig M Rig Da Mud Water Ceme Equip Bits Casec Wireli Produ Stimu Trans Super	ion obilizati ay Work nting Se ment Re d Hole L ne Serv action Te lation portatio	ervice entals ogs & ices esting	s Perf. & BHP		3,385.00 2,160.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00 2,800.00 9,000.00
1 1 1 1 1 1 1 08 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 8T 3-1/2" 8T 3-1/2" 8T 5" x 4" ar \$5" x 4" ar \$5" x 4" du -1/2" LTC b	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 X 3.71/2" 8R E           2 x 2.81" F nippl           EUE x 4-1/2" L           rchor latch seal           al bore Permap           x x 3.71/2" EU	TC FG FG pup jt FG pup jt FG pup jt TC FG de (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss) assy (ss) ak packer ( E pin xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74 4355.74 4356.27 4357.02 4363.99 4364.43	Locati Rig M Rig Da Mud Water Ceme Equip Bits Casec Wireli Produ Stimu Trans Super	ion obilizati ay Work nting Se ment Re d Hole L ne Serv iction Te lation portatio vision Labor 8	ervice entals ogs & ices esting	s Perf. & BHP		3,385.00 2,160.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00 2,800.00 9,000.00
1 1 1 1 1 1 1 08 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 5.25" 5.25" 5.9" 4.5" 3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" BT 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC t 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 x 2.81" F nippl           EUE x 4-1/2" L           10 chor latch seal           al bore Permap           x 3-1/2" EU           3-1/2" pup it (ss	TC FG FG pup jt FG pup jt FG pup jt TC FG de (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss) pak packer ( E pin xo (ss) le (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74 4355.74 4355.74 4355.27 4357.02 4363.99 4364.43 4368.03	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wirelin Produ Stimu Trans Super Misc. Tangil	ion obilizati ay Work nting Se ment Re d Hole L ne Serv Iction Te lation portatio vision Labor 8 bles	ervice entals ogs & ices esting	s Perf. & BHP		3,385.00 2,160.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00 2,800.00 9,000.00 55,132.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5" 5.25" 5.9" 4.5" 3.5" 3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC t 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 B           BTC TAN nipp           Cx 3-1/2" 8R E           'x 2.81" F nippl           EUE x 4-1/2" L           ichor latch seal           al bore Permap           xx 3-1/2" pup jt (ss           'x 2.75" R nipp	TC FG FG pup jt FG pup jt FG pup jt TC FG de (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss) pak packer ( E pin xo (ss) le (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4356.27 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wireli Produ Stimu Trans Super Misc. Tangil Tubin	ion obilizati ay Work nting Se ment Re d Hole L ne Serv action Te lation portatio vision Labor 8 bles g	ervice entals ogs & ices esting	s Perf. & BHP		3,385.00 2,160.00 1,800.00 40,000.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00 9,000.00 55,132.00 49,881.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5" 5.25" 5.9" 4.5" 3.5" 3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC t 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 B           BTC TAN nipp           Cx 3-1/2" 8R E           'x 2.81" F nippl           EUE x 4-1/2" L           ichor latch seal           al bore Permap           xx 3-1/2" pup jt (ss           'x 2.75" R nipp	TC FG FG pup jt FG pup jt FG pup jt TC FG de (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss) pak packer ( E pin xo (ss) le (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4356.27 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03	Locati Rig M Rig Da Mud Water Ceme Equip Bits Casec Wireli Produ Stimu Trans Super Misc. Tangil Tubin Packe	ion obilizati ay Work nting Se ment Re d Hole L ne Serv iction Te lation portatio vision Labor 8 bles g	ervice entals ogs & ices esting	s Perf. & BHP		3,385.00 2,160.00 1,800.00 40,000.00 19,000.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00 9,000.00 55,132.00 49,881.00 23,723.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 4.5" 5.25" 5.9" 4.5" 3.5" 3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC t 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 B           BTC TAN nipp           Cx 3-1/2" 8R E           'x 2.81" F nippl           EUE x 4-1/2" L           ichor latch seal           al bore Permap           xx 3-1/2" pup jt (ss           'x 2.75" R nipp	TC FG FG pup jt FG pup jt FG pup jt TC FG de (ss) UE xo (ss) le (ss) TC xo (ss) assy (ss) pak packer ( E pin xo (ss) le (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4356.27 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03	Locati Rig M Rig Da Mud Water Ceme Equip Bits Cased Wirelin Produ Stimu Trans Super Misc. Tangil Tubin Packe Wellho	ion obilizati ay Work nting Se ment Re d Hole L ne Serv iction Te lation portatio vision Labor 8 bles g	ervice entals ogs & ices esting on & Serv	s Perf. & BHP		3,385.00 2,160.00 1,800.00 40,000.00	22,733.00 3,000.00 19,746.00 3,385.00 2,160.00 2,800.00 9,000.00 55,132.00

#### San Antonio 210-828-8117 Fax 210-828-5274 8620 N. New Braunfels, Suite 315 San Antonio, Texas 78217

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BRUINGTON ENGINEERING, LLC -	
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BRUIN	GIO			,		DAILY V	NORKO	VER R	EPORT				
Date:		31/24		erator:			lstream, L		Well Name:			o SWD 1	
Field:		San An	dres	County:			Consult	ant:		McWhirter	Phone:		930-0282
Present					aiting on			1	Contractor			Mesa Rig	
Producti				7"	Depth:		556'	Wt.:	26 lb/ft	Grade:	HCL80		5625'
ubing C	DD:	4	-1/2"	Wt:	11.6	Grade:	L-80	Coup	l <b>ing:</b>   B	TC F	erfs:	4380'	- 5560'
_		_											
From		0	Hrs										
8:00	8:	30	0.5						oodnight ori				•
									ns nipple up,			· ·	<u> </u>
8:30	11	:00	2.5						offline, psi wa				down and
					-			-	p 7 1/16" 50	00 psi doub	e ram bop	S.	
				Moved in a	and rigged	up Mesa	a Rig 219.						
11:00	12	:30	1.5	Rigged up	Byrd's lay	v down ma	achine an	id pow	er tongs.				
12:30	2:	30	2.0	Waited on	test plug f	for bops.	Tested bo	ops to	1500 psi for	15 minutes	(good test	).	
2:30	8:	00	5.5						ed string to I				emblv
	-		0.0		-				nections whi	-	-		•
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									wn operatior			ate.	
				Closed blir	nd rams ai	nd secure	ed well. R	elease	d hands and	shut down	or night.		
			12.0										
				a Sotting & B									
				g Setting & B						Worl	cover Cost	Deilu	
Qty	OD	ID		Description		Length	Тор	Intangi		Worl	kover Cost	Daily	Cumulative
	OD	ID	Tubin	Description KB		20.00		Loca	tion		xover Cost	Daily	Cumulative
<b>Qty</b>			Tubin	Description KB Tubing hange	r	20.00 0.60	20.00	Loca Rig N	tion Iobilizatior		xover Cost		
	4.5"	ID 3.75"	Tubin 	Description KB Tubing hange 11.6 lb/ft L80 E	r 3TC FG	20.00	20.00 20.60	Loca Rig M Rig D	tion		xover Cost	Daily 5,078.00	Cumulative 27,811.0
1			Tubin 	Description KB Tubing hange	r 3TC FG	20.00 0.60	20.00 20.60	Loca Rig N	tion Iobilizatior		xover Cost		
1	4.5"	3.75"	Tubin 4-1/2" 4-1/2" 11.	Description KB Tubing hange 11.6 lb/ft L80 E	r 3TC FG C FG pup jt	20.00 0.60 38.35	20.00 20.60 58.95	Loca Rig M Rig D	tion Iobilizatior ay Work		xover Cost		
1 1 1	4.5" 4.5"	3.75" 3.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hange 11.6 lb/ft L80 E 6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt	20.00 0.60 38.35 10.10	20.00 20.60 58.95 69.05	Loca Rig N Rig D Mud Wate	tion Iobilizatior ay Work	1	cover Cost	5,078.00	27,811.0
1 1 1 1 1	4.5" 4.5" 4.5"	3.75" 3.75" 3.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hange 11.6 lb/ft L80 E 6 lb/ft L80 BTC 6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt C FG pup jt	20.00 0.60 38.35 10.10 8.60	20.00 20.60 58.95 69.05 77.65	Loca Rig N Rig D Mud Wate Ceme	tion Iobilizatior ay Work r enting Serv	rices	kover Cost	5,078.00	27,811.0
1 1 1 1 1 1 108	4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11.	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG	20.00 0.60 38.35 10.10 8.60 4.10 4271.88	20.00 20.60 58.95 69.05 77.65 81.75	Loca Rig N Rig D Mud Wate Ceme Equip	tion Iobilizatior Pay Work r	rices	xover Cost	5,078.00	27,811.
1 1 1 1 1 1 108 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           BTC TAN nipp	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60	20.00 20.60 58.95 69.05 77.65 81.75 4353.63	Loca Rig N Rig D Mud Wate Cema Equip Bits	tion lobilization ay Work r enting Serv oment Ren	rices tals	xover Cost	5,078.00	27,811.
1 1 1 1 1 1 108 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" BTC	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           2 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log	rices tals s & Perf.	xover Cost	5,078.00	27,811. 3,750. 20,546.
1 1 1 1 1 1 108 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           BTC TAN nipp           C x 3-1/2" 8R E           Y x 2.81" F nipp	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23	Loca Rig M Rig D Mud Wate Cema Equip Bits Case Wirel	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log ine Service	rices tals s & Perf. es		5,078.00	27,811.0 3,750.0 20,546.0 3,385.0
1 1 1 1 1 1 108 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" BTC 3-1/2" 8R	Description           KB           Tubing hange           11.6 lb/ft L80 E           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) ole (ss) LTC xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log ine Service uction Test	rices tals s & Perf. es		5,078.00	27,811.0 3,750.0 20,546.0 3,385.0
1 1 1 1 1 1 108 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC TAN nipp           C x 3-1/2" 8R E           'x 2.81" F nipp           EUE x 4-1/2" L           ichor latch sea	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) Del (ss) LTC xo (ss) Il assy (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu	tion lobilization ay Work r enting Serv oment Ren d Hole Log ine Service uction Test ulation	rices tals s & Perf. es		5,078.00	27,811. 3,750. 20,546. 3,385.
1 1 1 1 1 1 108 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar	Description           KB           Tubing hange           11.6 lb/ft L80 E           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) Del (ss) LTC xo (ss) Il assy (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log ine Service uction Test	rices tals s & Perf. es		5,078.00	27,811.
1 1 1 1 1 1 108 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"	3.75" 3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" du	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC TAN nipp           C x 3-1/2" 8R E           'x 2.81" F nipp           EUE x 4-1/2" L           ichor latch sea	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) Dle (ss) LTC xo (ss) I assy (ss) pak packer (	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74 4355.74 4356.27 4357.02	Loca Rig M Rig D Mud Wate Cema Equip Bits Case Wirel Produ Stimu Trans	tion lobilization ay Work r enting Serv oment Ren d Hole Log ine Service uction Test ulation	rices tals s & Perf. es		5,078.00	27,811.0 3,750.0 20,546.0 3,385.0 2,160.0
1 1 1 1 1 1 08 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25"	4-1/2"           4-1/2" 11.           4-1/2" 11.           4-1/2" 11.           4-1/2" 11.           4-1/2" 11.           4-1/2" 11.           3-1/2" BTC           3-1/2" BTC           3-1/2" 8R           5" x 4" ar           x 5" x 4" du           -1/2" LTC t	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC           BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permag	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) EUE xo (ss) I assy (ss) pak packer ( JE pin xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74 4355.74 4356.27 4357.02 4363.99	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prode Stimu Trans Supe	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log ine Service uction Test ulation sportation	rices tals s & Perf. es ting & BHF		5,078.00 750.00 800.00	27,811. 3,750. 20,546. 3,385. 2,160. 2,800. 10,800.
1 1 1 1 1 1 108 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 8T( 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" du -1/2" LTC b	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 x 2.81" F nipp           EUE x 4-1/2" L           chor latch sea           al bore Permaj           x x 3-1/2" EU	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) De (ss) TC xo (ss) al assy (ss) pak packer ( JE pin xo (ss) s)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74 4355.74 4355.02 4363.99 4364.43	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc.	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log ine Service uction Test ulation sportation rvision Labor & S	rices tals s & Perf. es ting & BHF		5,078.00 750.00 800.00 1,800.00	27,811. 3,750. 20,546. 3,385. 2,160. 2,800. 10,800.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" BT 3-1/2" LTC t 3-1/2" LTC t 3-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 x 3-1/2" 8R E           2 x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x x 3-1/2" Pup jt (se           3 x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) I assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74 4355.74 4355.74 4355.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig D Mud Wate Cema Equip Bits Case Wirel Produ Stimu Trans Supe Misc. Tang	tion lobilization lay Work r enting Serv oment Ren d Hole Log ine Service uction Test ulation sportation rvision Labor & S ibles	rices tals s & Perf. es ting & BHF		5,078.00 750.00 800.00 1,800.00	27,811.0 3,750.0 20,546.0 3,385.0 2,160.0 2,800.0 10,800.0 77,797.0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 4.25" 4.25" 4.25" 3.06" 3.06"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" BT 3-1/2" LTC t 3-1/2" LTC t 3-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           9 BTC TAN nipp           C x 3-1/2" 8R E           2 x 2.81" F nipp           EUE x 4-1/2" L           1chor latch sea           al bore Permaj           x 3-1/2" EU           3-1/2" pup jt (st	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) I assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03 4368.93	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Produ Stimu Trans Supe Misc. Tang Tubir	tion lobilizatior ay Work r enting Servor oment Ren d Hole Log ine Service uction Test ulation sportation rvision Labor & S ibles	rices tals s & Perf. es ting & BHF		5,078.00 750.00 800.00 1,800.00	27,811.0 3,750.0 20,546.0 3,385.0 2,160.0 2,800.0 10,800.0 77,797.0 49,881.0
1 1 1 1 1 1 1 108 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" BT 3-1/2" LTC t 3-1/2" LTC t 3-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 x 3-1/2" 8R E           2 x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x x 3-1/2" Pup jt (se           3 x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) I assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74 4355.74 4355.74 4355.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prode Stimu Trans Supe Misc. Tang Tubir Pack	tion lobilizatior ay Work r enting Serv oment Rem d Hole Log ine Service uction Test ulation sportation rvision Labor & S ibles ng er	rices tals s & Perf. es ting & BHF		5,078.00 750.00 800.00 1,800.00	27,811. 3,750. 20,546. 3,385. 2,160. 2,800. 10,800. 77,797. 49,881. 23,723.
1 1 1 1 1 1 1 108 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" BT 3-1/2" LTC t 3-1/2" LTC t 3-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 x 3-1/2" 8R E           2 x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x x 3-1/2" Pup jt (se           3 x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) I assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03 4368.93	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir Pack Well	tion lobilizatior ay Work r enting Serv oment Ren d Hole Log ine Service uction Test ulation sportation rvision Labor & S ibles ig er	rices tals s & Perf. es ting & BHF ervices		5,078.00 750.00 800.00 1,800.00 22,665.00	27,811. 3,750. 20,546. 3,385. 2,160. 2,800. 10,800. 77,797. 49,881. 23,723. 48,610.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" BT 3-1/2" LTC t 3-1/2" LTC t 3-1/2"	Description           KB           Tubing hange           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 x 3-1/2" 8R E           2 x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x x 3-1/2" Pup jt (se           3 x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) I assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03 4368.93 4369.59	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Produ Stimu Trans Supe Misc. Tang Tubir Pack Wellr Conti	tion lobilizatior ay Work r enting Serv oment Rem d Hole Log ine Service uction Test ulation sportation rvision Labor & S ibles ng er	rices tals s & Perf. es ting & BHF ervices		5,078.00 750.00 800.00 1,800.00	27,811. 3,750. 20,546. 3,385. 2,160. 2,800. 10,800. 77,797. 49,881. 23,723.

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BRUINGTON ENGINEERING, LLC -
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	GIO	NEN	GINEE	RING, LLC		DAILY V	VORKO	VER F	REPORT					
Date:	11/0	)1/24	Ор	erator:	Good	night Mid	stream, L	LC	Well Nam	e:		Ryno	SWD 1	
Field:		San Ar		County:			Consult	ant:	Ronnie	e McWh	irter	Phone:		930-0282
Present					Wait on Tu				Contracto				Mesa Rig	
Producti				7"	Depth:	10,5		Wt.:			rade:	HCL80		5625'
Fubing C	OD:	4	-1/2"	Wt:	11.6	Grade:	L-80	Coup	ling:	BTC	Pe	erfs:	4380'	- 5560'
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From	-	<u>o</u>	Hrs	Waited on	andana C	) a a radio a ta	ad 4 4/0"	tu da ina ar	daliyon (fa	r Friday	11 1 00	)))/ (offer	noon) Mo	t waldar ta
7:00	1.	00	24.0					•				•	,	
							-				iysis (2	box enas	, 2 pin ends	5).
				Scheduled				0				- 11- 4 1- 4		
				Monitored	-				e turn and r	viesquite		ors tech i	or 11-1-24.	
				Monitoreu		are sule i		<del>.</del>						
	<b> </b>													
			24.0											
				g Setting & B	HA						Workc	over Cost		
Qty	OD	ID		Description	HA	Length	Тор	Intangi			Workc	over Cost	Daily	Cumulative
Qty	OD	ID		Description KB		Length 20.00		Loca	tion		Workd	over Cost	Daily	Cumulative
<b>Qty</b>	OD	ID	Tubir	Description KB Tubing hange	r		20.00	Loca Rig N	tion Iobilizatio	Dn	Workc	over Cost		
	4.5"	3.75"	Tubir 4-1/2"	Description KB Tubing hanger 11.6 lb/ft L80 E	r BTC FG	20.00	20.00	Loca Rig M Rig D	tion	Dn	Workc	over Cost	Daily 4,236.00	
1	4.5" 4.5"		Tubir 4-1/2" 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 E 6 lb/ft L80 BTC	r 3TC FG C FG pup jt	20.00 0.60	20.00 20.60 58.95	Loca Rig M Rig D Mud	tion Iobilizatio Day Work	Dn	Workc	over Cost		32,047.00
1	4.5" 4.5" 4.5"	3.75" 3.75" 3.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt	20.00 0.60 38.35 10.10 8.60	20.00 20.60 58.95 69.05	Loca Rig M Rig D Mud Wate	tion Iobilizatic Day Work r		Workc	over Cost		32,047.00
1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hange 11.6 lb/ft L80 BT 6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt C FG pup jt	20.00 0.60 38.35 10.10 8.60 4.10	20.00 20.60 58.95 69.05 77.65	Loca Rig M Rig D Mud Wate Ceme	tion Iobilizatio Day Work r enting Se	rvices	Workc	over Cost	4,236.00	32,047.0 3,750.0
1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11.	Description KB Tubing hanger 11.6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC 11.6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG	20.00 0.60 38.35 10.10 8.60	20.00 20.60 58.95 69.05 77.65 81.75	Loca Rig M Rig D Mud Wate Cemo Equij	tion Iobilizatic Day Work r	rvices	Workc	over Cost		32,047.00
1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 4-1/2"	Description KB Tubing hanger 11.6 lb/ft L80 BTC 6 lb/ft L80 BTC 6 lb/ft L80 BTC 11.6 lb/ft L80 BTC 11.6 lb/ft L80 BTC	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss)	20.00 0.60 38.35 10.10 8.60 4.10	20.00 20.60 58.95 69.05 77.65 81.75 4353.63	Loca Rig N Rig D Mud Wate Cemo Equij Bits	tion Iobilizatio Day Work r enting Se oment Re	rvices ntals		over Cost	4,236.00	32,047.0 3,750.0
1 1 1 1 1 1 108	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" BT( 4-1/2" BT(	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           C x 3-1/2" 8R E	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo	rvices ntals ogs & F		over Cost	4,236.00	32,047.00 3,750.00 20,896.00
1 1 1 1 1 1 108 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 E           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23	Loca Rig M Rig D Mud Wate Cema Equi Bits Case Wirel	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo line Servio	rvices ntals ogs & F ces	Perf.	over Cost	4,236.00	32,047.0 3,750.0 20,896.0 3,385.0
1 1 1 1 1 1 08 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" 8R	Description           KB           Tubing hanger           11.6 lb/ft L80 E           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           8 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) Dle (ss) LTC xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case Wirel Prod	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo ine Servio uction Te	rvices ntals ogs & F ces	Perf.	over Cost	4,236.00	32,047.0 3,750.0 20,896.0 3,385.0
1 1 1 1 1 1 08 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 8T 3-1/2" 8T 5" x 4" ar	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           7 L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.7 BTC           A3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           nchor latch sea	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) ble (ss) TC xo (ss) Il assy (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74	Loca Rig M Rig D Mud Wate Cema Equij Bits Case Wirel Prod Stimu	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo ine Servio uction Te ulation	rvices ntals ogs & F ces sting 8	Perf.	over Cost	4,236.00	32,047.0 3,750.0 20,896.0 3,385.0 2,160.0
1 1 1 1 1 1 108 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	3.75" 3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar x 5" x 4" du	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           hchor latch sea           al bore Permag	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) Dle (ss) LTC xo (ss) I assy (ss) pak packer (	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74	Loca Rig M Rig D Mud Wate Cema Equi Bits Case Wirel Prod Stimu Trans	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servio uction Te ulation sportatior	rvices ntals ogs & F ces sting 8	Perf.	over Cost	4,236.00	32,047.0 3,750.0 20,896.0 3,385.0 2,160.0 2,800.0
1 1 1 1 1 1 108 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"	3.75" 3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" BTC 3-1/2" 3-1/2" BTC 3-1/2" 8R 5" x 4" au 5" x 4" au -1/2" LTC F	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           1.6 loft latch sea           al bore Permap           DOX x 3-1/2" EU	r BTC FG C FG pup jt C FG pup jt C FG pup jt BTC FG ple (ss) EUE xo (ss) Dle (ss) LTC xo (ss) I assy (ss) pak packer ( JE pin xo (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74 4356.27 4357.02 4363.99	Loca Rig M Rig D Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe	tion Mobilizatio Day Work r enting Se oment Re d Hole Lo ine Servio uction Te ulation sportation rvision	rvices ntals ogs & F ces sting &	Perf.	over Cost	4,236.00 350.00 1,800.00	32,047.0 3,750.0 20,896.0 3,385.0 2,160.0 2,800.0 12,600.0
1 1 1 1 1 1 108 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 4-1/2" 3-1/2" 3-1/2" 8R 5" x 4" ar \$5" x 4" au \$5" x 4" du -1/2" LTC b	Description           KB           Tubing hanger           11.6 lb/ft L80 ETC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           nchor latch sea           al bore Permap           pox x 3-1/2" EL           3-1/2" pup jt (sea	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) EUE xo (ss) I assy (ss) pak packer ( JE pin xo (ss s)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4355.74 4355.74 4355.02 4363.99 4364.43	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wirel Prod Stimu Trans Supe Misc	tion Mobilizatio Day Work r enting Se oment Re d Hole Lo ine Servio uction Te ulation sportation rvision Labor &	rvices ntals ogs & F ces sting &	Perf.	over Cost	4,236.00	32,047.0 3,750.0 20,896.0 3,385.0 2,160.0 2,800.0 12,600.0
1 1 1 1 1 1 08 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC I 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x 3-1/2" Pup jt (ss           ' x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) Il assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74 4355.74 4355.74 4355.70 4363.99 4364.43 4368.03	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wirel Prod Stimu Trans Supe Misc. Tang	tion Iobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servio uction Te ulation sportation rvision . Labor & ibles	rvices ntals ogs & F ces sting &	Perf.	over Cost	4,236.00 350.00 1,800.00	32,047.0 3,750.0 20,896.0 3,385.0 2,160.0 2,800.0 12,600.0 78,112.0
1 1 1 1 1 1 08 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC I 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 ETC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           nchor latch sea           al bore Permap           pox x 3-1/2" EL           3-1/2" pup jt (sea	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) Il assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4356.27 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig D Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe Misc. Tang Tubi	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servio uction Te ulation sportation rvision Labor & ibles	rvices ntals ogs & F ces sting &	Perf.	over Cost	4,236.00 350.00 1,800.00	32,047.00 3,750.00 20,896.00 3,385.00 2,160.00 2,800.00 12,600.00 78,112.00 49,881.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC I 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x 3-1/2" Pup jt (ss           ' x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) Il assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4355.74 4355.74 4355.74 4355.74 4355.70 4363.99 4364.43 4368.03	Loca Rig M Rig C Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe Misc. Tang Tubin Pack	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servio uction Te ulation sportation rvision Labor & ibles ng er	rvices ntals ogs & F ces sting &	Perf.	over Cost	4,236.00 350.00 1,800.00	32,047.00 3,750.00 20,896.00 3,385.00 2,160.00 12,600.00 78,112.00 49,881.00 23,723.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC I 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x 3-1/2" Pup jt (ss           ' x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) Del (ss) .TC xo (ss) Il assy (ss) pak packer ( JE pin xo (ss) s) Del (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.23 4355.74 4356.27 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir Pack Wellf	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servio uction Te ulation sportation sportation tabor & ibles ng er nead	rvices ntals ogs & F ces sting & n Servic	Perf.	over Cost	4,236.00 350.00 1,800.00 315.00	32,047.00 3,750.00 20,896.00 3,385.00 2,160.00 2,800.00 12,600.00 78,112.00 49,881.00 23,723.00 48,610.00
1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           4.5"           5.25"           5.9"           4.5"           3.5"           3.5"	3.75" 3.75" 3.75" 3.75" 3.75" 4.0" 3.06" 2.81" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubir 4-1/2" 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 11. 4-1/2" 3-1/2" BT 3-1/2" BT 3-1/2" 8R 5" x 4" ar x 5" x 4" au -1/2" LTC I 3-1/2"	Description           KB           Tubing hanger           11.6 lb/ft L80 BTC           6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           11.6 lb/ft L80 BTC           2 BTC TAN nipp           C x 3-1/2" 8R E           ' x 2.81" F nipp           EUE x 4-1/2" L           achor latch sea           al bore Permap           x 3-1/2" Pup jt (ss           ' x 2.75" R nipp	r 3TC FG C FG pup jt C FG pup jt C FG pup jt 3TC FG ple (ss) EUE xo (ss) EUE xo (ss) I assy (ss) pak packer ( JE pin xo (ss s) ple (ss) ug (ss)	20.00 0.60 38.35 10.10 8.60 4.10 4271.88 0.60 0.62 0.89 0.53 0.75 6.97 0.44 3.60 0.90	20.00 20.60 58.95 69.05 77.65 81.75 4353.63 4354.23 4354.23 4354.85 4355.74 4356.27 4357.02 4363.99 4364.43 4368.03 4368.93 4369.59	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubin Pack Wellf Cont	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servio uction Te ulation sportation rvision Labor & ibles ng er	rvices ntals ogs & F ces sting & n Servic	Perf.	over Cost	4,236.00 350.00 1,800.00	32,047.00 3,750.00 20,896.00 3,385.00 2,160.00 2,800.00 12,600.00 78,112.00 49,881.00 23,723.00

San Antonio 210-828-8117 Fax 210-828-5274 8620 N. New Braunfels, Suite 315 San Antonio, Texas 78217

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BRUINGTON ENGINEERING, LLC -
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Date:		2/24		erator:		night Mid			II Name:	inter		SWD 1	000 0000
Field: Present		an An	ares	County:	Lea, new tubin		Consult		Ronnie McWh		Phone:		930-0282
Production	-		יחר	7"	Depth:		556'		ntractor & Rig 26 lb/ft G	rade:	HCL80	Mesa Rig	5625'
Tubing O			-1/2"	Wt:	11.6	Grade:		Coupling			erfs:		- 5560'
using o			172		11.0	Orado.	2.00	oouping	. 510			1000	0000
From	To	0	Hrs										
7:00	12:	:00	5.0	Arrived at l	ocation, h	eld PJSA	with Mes	a rig crew	. Loaded out 1	09 joint	s of 4 1/2"	, 11.60 lb/ft	t, L-80,
				BTC tubing	on SKK	trucks and	d send to	NOV Tub	oscope.	-			
				Mesquite T	ool hand	arrived w	ith new p	acker asse	mbly at 1:00, I	Byrd po	wer tong c	crew and to	rque turn
									tally crew arriv				•
				Petrosmith	was to de	eliver new	/ tubing a	t noon, had	d trouble with le	bading	and left Ab	oilene TX, a	at 12:00.
12:00	5:0	00	5.0	Waited on	tubing un	til 5:00 pn	n			-			
5:00	7:0	00	2.0		-			5, 11.60 lb/	ft 8R, LTC, P7	00 coat	ed tubing	and 2 x/o s	ubs.
					-				seal assembly		-		
							-	-	1X packer, 2.8				
									) joints of 4-1/2		•		
									Secured well,				abilig
				(+20). Mac		vaive an	u closeu	pipe rains.	Occured well,	Shutu		jiit.	
I													
			12.0										
				g Setting & Bl	HA					Worke	over Cost		
Qty	OD	ID		g Setting & B Description	HA	Length	Тор	Intangibles		Workd	over Cost	Daily	Cumulative
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location		Worke	over Cost	Daily	Cumulative
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob	ilization	Workd	over Cost		
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day	ilization	Workd	over Cost	Daily 6,047.00	
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud	ilization	Worka	over Cost		Cumulative 38,094.0
Qty	OD	ID		<u> </u>	HA	Length	Тор	Locatior Rig Mob Rig Day Mud Water	ilization Work	Worke	over Cost		38,094.0
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud Water Cementi	ilization Work ng Services	Workd	over Cost	6,047.00	38,094.0 3,750.0
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud Water Cementi Equipme	ilization Work	Work	over Cost		38,094.0
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits	ilization Work ng Services ent Rentals		over Cost	6,047.00	38,094.0
Qty	OD			<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H	ilization Work ng Services ent Rentals ole Logs & F		over Cost	6,047.00	38,094.0 3,750.0 21,396.0
Qty	OD			<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline	ilization Work Ing Services Int Rentals Int Logs & F Services	Perf.	over Cost	6,047.00	38,094.0 3,750.0 21,396.0
Qty	OD	ID		<u> </u>	HA	Length	Тор	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti	ilization Work ng Services ent Rentals ole Logs & F Services on Testing 8	Perf.	over Cost	6,047.00	38,094.( 3,750.( 21,396.( 3,385.(
Qty	OD		Tubin	Description		Length		Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat	ilization Work ng Services ent Rentals ole Logs & F Services on Testing 8 ion	Perf.	over Cost	6,047.00	38,094.0
Qty	OD	4.25"	Tubin	Description	Dak packer (	Length	4357.02	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo	ilization Work Ing Services Int Rentals ole Logs & F Services on Testing & ion rtation	Perf.	over Cost	6,047.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0 6,000.0
		4.25"	Tubin	Description	Dak packer (		4357.02 4363.99	Locatior Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis	ilization Work Ing Services ent Rentals ole Logs & F Services on Testing 8 ion rtation iion	Perf.		6,047.00 500.00 3,200.00 1,800.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0 6,000.0 14,400.0
1	5.9"	4.25"	Tubin	Description	pak packer ( JE pin xo (se	6.97	4357.02 4363.99 4364.43	Locatior Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis Misc. La	ilization Work Ing Services Ent Rentals ole Logs & F Services on Testing & ion rtation sion bor & Servic	Perf.		6,047.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0 6,000.0 14,400.0
	5.9" 4.5"	4.25" 3.06"	Tubin	al bore Permap	pak packer ( JE pin xo (se s)	6.97	4357.02 4363.99 4364.43 4368.03	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis Misc. La Tangible	ilization Work Ing Services Ent Rentals ole Logs & F Services on Testing & ion rtation sion bor & Servic	Perf.		6,047.00 500.00 3,200.00 1,800.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0 6,000.0 14,400.0 95,887.0
1 1 1 1	5.9" 4.5" 3.5"	4.25" 3.06" 3.06"	Tubin	al bore Permap nox x 3-1/2" EU 3-1/2" pup jt (se	Dak packer ( JE pin xo (ss s) Dele (ss)	6.97 0.44 3.60	4357.02 4363.99 4364.43 4368.03	Locatior Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis Misc. La	ilization Work Ing Services Ent Rentals ole Logs & F Services on Testing & ion rtation sion bor & Servic	Perf.		6,047.00 500.00 3,200.00 1,800.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0 6,000.0 14,400.0 95,887.0
	5.9" 4.5" 3.5"	4.25" 3.06" 3.06" 2.75"	Tubin	al bore Permap box x 3-1/2" EU 3-1/2" pup jt (se x 2.75" R nipp	Dak packer ( JE pin xo (ss s) Dele (ss)	6.97 0.44 3.60 0.90	4357.02 4363.99 4364.43 4368.03 4368.93	Location Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis Misc. La Tangible	ilization Work Ing Services Ent Rentals ole Logs & F Services on Testing & ion rtation sion bor & Servic	Perf.		6,047.00 500.00 3,200.00 1,800.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0
	5.9" 4.5" 3.5"	4.25" 3.06" 3.06" 2.75"	Tubin	al bore Permap box x 3-1/2" EU 3-1/2" pup jt (se x 2.75" R nipp	Dak packer ( JE pin xo (ss s) Dele (ss)	6.97 0.44 3.60 0.90	4357.02 4363.99 4364.43 4368.03 4368.93	Locatior Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis Misc. La Tangible Tubing	ilization Work Ing Services ent Rentals ole Logs & F Services on Testing & ion rtation sion bor & Servic s	Perf.		6,047.00 500.00 3,200.00 1,800.00	38,094.0 3,750.0 21,396.0 3,385.0 2,160.0 6,000.0 14,400.0 95,887.0 49,881.0
	5.9" 4.5" 3.5"	4.25" 3.06" 3.06" 2.75"	Tubin	al bore Permap box x 3-1/2" EU 3-1/2" pup jt (se x 2.75" R nipp	Dak packer ( JE pin xo (ss s) Dele (ss)	6.97 0.44 3.60 0.90	4357.02 4363.99 4364.43 4368.03 4368.93	Locatior Rig Mob Rig Day Mud Water Cementi Equipme Bits Cased H Wireline Producti Stimulat Transpo Supervis Misc. La Tangible Tubing Packer Wellhead	ilization Work Ing Services ent Rentals ole Logs & F Services on Testing & ion rtation sion bor & Servic s	Perf.		6,047.00 500.00 3,200.00 1,800.00	38,094. 3,750. 21,396. 21,396. 2,160. 6,000. 14,400. 95,887. 49,881. 23,723.

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BRUINGTON ENGINEE	RING, LLC
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BRUIN	NGTO	N EN	GINEE	RING, LLC		DAILY V	NOKKO	VER RE	EPOI	RT						
Date:	11/0	)3/24	Ор	erator:	Good	Inight Mid	lstream, L	LC N	Well I	Name:			Ry	no S∖	WD 1	
Field:	_	San Ar		County:		, NM	Consult			onnie M			Phone			-930-0282
Present					ut down f					actor 8					esa Rig	
Product				7"	Depth:		556'	Wt.:		lb/ft		ade:	HCL	30	PBTD:	
Tubing	OD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coupli	ng:	LT	C	Pe	erfs:		4380	- 5560'
From		o	Line													
7:00	_	00	Hrs 1.0	Arrived at l	ocation k		A with all		vaitas	l on day	light					
	_										-	hina C	Nuna ini	la nor	rmonoli	nackar
8:00	_	:30	4.5	Ran 92 joir				I OR, LI	C, P <i>I</i>	00 coa	ιεα ιυ	ibing. S	stung in	lo per	тпарак	раскег.
12:30		30	3.0	Waited on	0						l					1
3:30	4:	30	1.0	Rigged up			<u> </u>		<u> </u>		· ·					
				2.81" F pro			F profile	nippie. i	Pulled	a out of	noie,	riggea	aown s		ne truci	k and
	+			moved to e	<u> </u>										_	
4:30	5:	30	1.0		-		-	-	of Arro	owset 1	-х ра	cker w	ith on/of	t tool.	. Rever	se circulated
				140 bbls 10	110											
5:30	6:	30	1.0	Made up ha	-		-					-	-		-	
				30k, neutra	al weight o	of string w	vas 54k. E	Broke ou	it pup	joint fr	om ha	anger.	Rigged	down	i, loade	d out and
				released B	yrd powe	r tongs, la	ay down r	nachine	and t	orque t	urn. S	Started	to nippl	e dow	vn bops	s. Severe
				thunder sto	orms with	hail, light	ning, high	n winds,	heav	y rain a	nd to	rnado v	warning	s hit. I	Had to	
				shut down	operation	s. Closed	d blinds a	nd secu	red w	ell, shu	t dow	n for w	eather a	and ni	ight.	
	1			Made tubin	ig up with	Byrd's to	orque turn	to optin	num t	orque c	f 162	0 ft-lbs	at 25 ri	oms.		
	+			5 full joints		-									pins ar	nd boxes.
						p									P	
	+			Sent cut of	fonds of	BTC tubi	na with M	osquito		ole' tor	h to a	storo in	thoir ve	ord up	atil wo s	schodulo
							-	esquite					uien ya	aru un	ILII WE S	schedule
							laglara									
				lesis and a	inalysis of	f pins and	l collars.									
				lesis and a	inalysis of	f pins and	l collars.									
					inalysis of	f pins and	l collars.									
					inalysis of	f pins and	l collars.									
					inalysis of	f pins and	l collars.									
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					nalysis of	f pins and	l collars.									
					nalysis of	f pins and	l collars.									
					nalysis of	f pins and	l collars.									
			11.5			f pins and	l collars.									
				g Setting & B				Intancibl				Workd	over Cos		Daily	Cumulating
Qty	OD	ID		g Setting & B Description		Length	Тор	Intangibi				Workc	over Cos		Daily	Cumulative
	OD	ID	Tubir	g Setting & B Description KB	HA	Length 20.00	Тор	Locati	ion	zation		Worko	over Cos		Daily	Cumulative
1			Tubir 4-1/2	g Setting & B Description KB 2 BTC SS TBG	HA	Length 20.00 0.83	<b>Тор</b>	Locati Rig Mo	ion obiliz			Workc	over Cos	D		
1	4.5"	4.0"	Tubir 4-1/2 4-1/2 B	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L	HA HGR -TC PIN	Length 20.00 0.83 2.33	<b>Тор</b> 20.00 20.83	Locati Rig Mo Rig Da	ion obiliz			Workd	over Cos	D	Daily ,500.00	
1 1 1	4.5" 4.5"	4.0" 4.0"	Tubir 4-1/2 4-1/2 B <sup>-</sup> 4-1/2, 1 <sup>-</sup>	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-</sup>	HA HGR _TC PIN TC, P700	Length 20.00 0.83 2.33 42.09	<b>Тор</b> 20.00 20.83 23.16	Locati Rig Mo Rig Da Mud	ion obiliz ay W			Worko	over Cos	D 5,	,500.00	43,594.00
1 1 1 2	4.5" 4.5" 4.5"	4.0" 4.0" 4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1' 8' a	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-</sup> nd 6' pup 4-1/2	HA HGR -TC PIN TC, P700 LTC	Length 20.00 0.83 2.33 42.09 13.95	<b>Тор</b> 20.00 20.83 23.16 65.25	Locati Rig Mo Rig Da Mud Water	ion obiliz ay W	ork		Workc	over Cos	D 5,		43,594.00
1 1 1 2 101	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2,11	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> nd 6' pup 4-1/2 .6 lb/ft, J55, L1	HA HGR _TC PIN TC, P700 LTC TC, P700	Length 20.00 0.83 2.33 42.09 13.95 4260.52	<b>Top</b> 20.00 20.83 23.16 65.25 79.20	Locati Rig Mo Rig Da Mud Water Ceme	ion obiliz ay W nting	ork I Servi		Worko	over Cos	D 5, 3,	,500.00	43,594.00 6,750.00
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B <sup>-</sup> 4-1/2, 1 <sup>-</sup> 8' ai 4-1/2,11 4-1/2 LTC	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> d 6' pup 4-1/2 .6 lb/ft, J55, L <sup>-1</sup> C box x 3-1/2 E	HA HGR _TC PIN TC, P700 LTC TC, P700 UE SS x/o	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72	Locati Rig Mo Rig Da Mud Water Cemer Equip	ion obiliz ay W nting	ork I Servi		Workd	over Cos	D 5, 3,	,500.00	43,594.00 6,750.00
1 1 1 2 101 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2,11 8' a 4-1/2,11 4-1/2,11 4-1/2 LTC 7X3-1/2	g Setting & Bl Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-</sup> nd 6' pup 4-1/2 .6 lb/ft, J55, L <sup>-</sup> 2 box x 3-1/2 E UE T2 O/O to	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub	Length 20.00 0.83 2.33 42.09 13.95 4260.52	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Locati Rig Ma Rig Da Mud Water Cemer Equipt Bits	ion obiliz ay W nting men	ork I Servi t Renta	als		over Cos	D 5, 3,	,500.00	43,594.00 6,750.00
1 1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> 1.6 lb/ft, J55, L <sup>-1</sup> 2 box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub iipple ss	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Locati Rig Mo Rig Da Mud Water Cemei Equipi Bits Cased	ion obiliz ay W nting ment	ork I Servi t Renta e Logs	als 6 & P		over Cos	D 5, 3,	,500.00	43,594.00 6,750.00 21,896.00
1 1 2 101 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 2.81 F 3-	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> 1.6 lb/ft, J55, L <sup>-1</sup> 2 box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub iipple ss ipple	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Locati Rig Mo Rig Da Mud Water Cemer Equip Bits Cased Wirelin	ion obiliz ay W nting ment I Hol ne So	ork I Servi t Renta e Logs ervices	als 6 & P 6	erf.	over Cos	D 5, 3,	,500.00	43,594.00 6,750.00 21,896.00 3,385.00
1 1 1 2 101 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 6.276"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 2.81 F 3-	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> c box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip P corvel ID AS	HA HGR _TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub hipple ss ople 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24	Locati Rig Ma Rig Da Mud Water Cemer Equipt Bits Cased Wirelin Produ	ion obiliz ay W nting ment I Hol ne So ctior	ork   Servi t Renta e Logs ervices 1 Testi	als 6 & P 6	erf.	over Cos	D 5, 3,	,500.00	43,594.00 6,750.00 21,896.00
1 1 2 101 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06"	Tubir 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N	g Setting & B Description KB 2 BTC SS TBG 16 lb/ft, J55, L <sup>-</sup> nd 6' pup 4-1/2 6 lb/ft, J55, L1 2 box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub iipple ss ipple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74	Locati Rig Mo Rig Da Mud Water Cemer Equipr Bits Cased Wirelin Produ Stimu	ion obiliz ay W nting ment I Hol ne So ctior latio	ork I Servi t Renta e Logs ervices n Testi n	als 6 & P 6	erf.	over Cos	D 5, 3,	,500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> and 6' pup 4-1/2 .6 lb/ft, J55, L1 C box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub .anding nipple	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ople 1X w/carbi SS 3-1/2	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4354.88	Locati Rig Ma Rig Da Mud Water Cemer Equipe Bits Cased Wirelin Produ Stimul Trans	ion obiliz ay W nting ment I Hol ne So ctior latio porta	ork I Servi I Renta E Logs Prvices I Testi I Testi	als 6 & P 6	erf.	over Cos	D 5, 3,	,500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           6.276"           3.5"           3.5"           4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc	g Setting & Bl Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> c lb/ft, J55, L <sup>-1</sup> c box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n I/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple bin x3-1/2 eue l	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub hipple ss ople 1X w/carbi SS 3-1/2 box ss x/o	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4350.71 4354.88 4355.75	Locati Rig Ma Rig Da Mud Water Cemer Equipt Bits Cased Wirelin Produ Stimul Trans Super	ion obiliz ay W nting ment I Hol ne So ctior lation porta visio	ork I Servi t Renta e Logs ervices n Testi n ation	als & P S ng &	erf. BHP	over Cos	D 5, 3, 1,	,500.00 ,000.00 500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00 16,200.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc   7X5x4	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>T</sup> 1.6 lb/ft, J55, L <sup>T</sup> 2 box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple pin x3-1/2 eue I ss seal bore ss	HA HGR -TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub iipple ss ople 1X w/carbi SS 3-1/2 box ss x/o s assem	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4355.75	Locati Rig Ma Rig Da Mud Water Cemer Equipt Bits Cased Wirelin Produ Stimul Transp Super Misc.	ion obiliz ay W nting ment I Hol ne So ctior latio porta visio Labo	ork I Servi t Renta e Logs ervices n Testi n ation	als & P S ng &	erf. BHP	over Cos	D 5, 3, 1,	,500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00 16,200.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           6.276"           3.5"           3.5"           4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	g Setting & Bl Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> ch 6' pup 4-1/2 .6 lb/ft, J55, L <sup>-1</sup> box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n I/2 NP riser nip P corvel ID AS 3-1/2 SS Sub .anding nipple bin x3-1/2 eue l ss seal bore ss al bore Permap	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub hipple ss pple 1X w/carbi SS 3-1/2 box ss x/o a assem pak packer (	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 (6.97	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4355.75 4355.75 4355.70	Locati Rig Ma Rig Da Mud Water Cemer Equipe Bits Cased Wirelin Produ Stimul Trans Super Misc.	ion obiliz ay W nting ment I Hol ne So ctior latio porta visio Labo bles	ork I Servi t Renta e Logs ervices n Testi n ation	als & P S ng &	erf. BHP	over Cos	D 5, 3, 1,	,500.00 ,000.00 500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00 16,200.00 108,762.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           4.5"           6.276"           4.5"           4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	g Setting & B Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>T</sup> 1.6 lb/ft, J55, L <sup>T</sup> 2 box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple pin x3-1/2 eue I ss seal bore ss	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub hipple ss pple 1X w/carbi SS 3-1/2 box ss x/o a assem pak packer (	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 (6.97	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4355.75 4355.75 4355.70	Locati Rig Ma Rig Da Mud Water Cemer Equipt Bits Cased Wirelin Produ Stimul Transp Super Misc.	ion obiliz ay W nting ment I Hol ne So ctior latio porta visio Labo bles	ork I Servi t Renta e Logs ervices n Testi n ation	als & P S ng &	erf. BHP	over Cos	D 5, 3, 1,	,500.00 ,000.00 500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00 16,200.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"           3.5"           5.9"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc 7x5x4 x 5" x 4" du -1/2" LTC I	g Setting & Bl Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> ch 6' pup 4-1/2 .6 lb/ft, J55, L <sup>-1</sup> box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n I/2 NP riser nip P corvel ID AS 3-1/2 SS Sub .anding nipple bin x3-1/2 eue l ss seal bore ss al bore Permap	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub nipple ss ople 1X w/carbi SS 3-1/2 box ss x/o s assem pak packer ( JE pin xo (ss	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 (6.97	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4342.74 4355.75 4356.27 4355.75 4356.27 4357.02 4363.99	Locati Rig Ma Rig Da Mud Water Cemer Equipe Bits Cased Wirelin Produ Stimul Trans Super Misc.	ion obiliz ay W nting ment I Hol ne So ctior lation porta visio Labo bles g	ork I Servi t Renta e Logs ervices n Testi n ation	als & P S ng &	erf. BHP	over Cos	D 5, 3, 1, 12,	,500.00 ,000.00 500.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00 16,200.00 108,762.00 49,881.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           6.276"           3.5"           4.5"           4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B' 4-1/2 B' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc I 7X5X4 x 5" x 4" du -1/2" LTC I	g Setting & Bl Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> c box x 3-1/2 E UE T2 O/O to 3-1/2 landing n I/2 NP riser nip P corvel ID AS 3-1/2 SS Sub .anding nipple oin x3-1/2 eue ss seal bore ss al bore Permap pox x 3-1/2" EU	HA HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub hipple ss ople 1X w/carbi SS 3-1/2 box ss x/o s assem pak packer ( JE pin xo (ss s)	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 7.97 4.17 0.50 7.97 4.17 0.87 0.52 0.75 (6.97 0.44	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Locati Rig Ma Rig Da Mud Water Cemer Equipe Bits Cased Wirelin Produ Stimul Trans Super Misc. Tangil Tubing	ion obiliz ay W nting ment I Hol ne So ctior lation porta visio Labo bles g	ork I Servi t Renta e Logs ervices n Testi n ation	als & P S ng &	erf. BHP	over Cos	D 5, 3, 1, 12,	,500.00 ,000.00 500.00 ,800.00 ,875.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 6,000.00 16,200.00 108,762.00 49,881.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 6.276" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 N 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 ItC 7X5x4 x 5" x 4" du -1/2" LTC F	g Setting & Bl Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L <sup>T</sup> 1.6 lb/ft, J55, L <sup>T</sup> 2 box x 3-1/2 E EUE T2 O/O to 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple oin x3-1/2 eue l ss seal bore ss al bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss	HA HGR -TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub iipple ss ople 1X w/carbi SS 3-1/2 box ss x/o s assem oak packer ( JE pin xo (ss s) ole (ss)	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 7.97 4.17 0.50 7.97 4.17 0.87 0.52 0.75 (6.97 5.0.44 3.60	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4356.27 4355.75 4356.27 4357.02 4363.99 4364.43 4368.03	Locati Rig Ma Rig Da Mud Water Cemer Equip Bits Cased Wirelin Produ Stimul Trans Super Misc. Tangil Tubing Packe	ion obiliz ay W nting ment I Hol ne So ctior latio porta visio Labo bles g	ork I Servi t Renta e Logs ervices n Testi n ation or & Se	als & P ng & rvice	erf. BHP	over Cos	D 5, 3, 1, 12, 3,	,500.00 ,000.00 500.00 ,800.00 ,875.00	43,594.00 6,750.00 21,896.00 3,385.00 2,160.00 16,200.00 108,762.00 49,881.00 27,296.00 48,610.00

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	BRUINGTON	ENGINEERING, LLC
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	4.4.10	1/04	-		· ~ ·	and and the first of	- 4m								
Date:		)4/24		erator:			Istream, L		Well N			ut o u		no SWD 1	930-0282
Field: Present		San An		County:	ing on pu		Consult	ant:	Contr		/cWhi		Phone	Mesa Rig	
roduct				7"	Depth:		556'	Wt.:		Ib/ft	-	ade:	HCL		5625'
ubing			-1/2"	Wt:	11.6	Grade:		Coup			TC		erfs:		- 5560'
ubing	00.		1/2		11.0	Orace.	0-00	Jooup	ing.				/13.	4000	0000
From	Т	о	Hrs												
7:00	_	:00	3.0	Waited on o	crews to a	arrive.									
10:00		:00	2.0	Nippled dov			nast and r	noved	ria off t	he we	llhead				
12:00		30	1.5	Nippled up				noveu	ng on t		inicau	•			
1:30		30	1.0					d tubin	d and t	ubina	head	lande	to 3000	psi for 15 mi	nutes
1.50	- 2.	00	1.0	Good test,					gunu	ubilig	neuu	lange	10 0000		
2:30	3.	00	0.5	Rigged up											
3:00		30	1.5						a from	2 01"	Eninn		upo Th	e tubing was a	
3.00	4.	30	1.5					-	-		г шрр	e, z i		e tubing was a	
		00		Rigged dov			<u> </u>								
4:30	6:	00	1.5	· ·				ans' tes	t truck.	Pump	bed 5 b	barrels	water w	vith test truck	did not
				catch press											
6:00	6:	30	0.5	Rigged dov											
				Made seve	ral calls to	o locate a	a pump tru	uck, no	ne ava	ilable	until T	uesda	y mornir	ng, shut down	and
				wait on pun	np truck										
				Scheduled	MIT with		Garv Ro	binson	for 8:0	0 Tue	sdav n	nornin	J.		
				Rig and eq			-				<b>j</b>		5-		
				r tig und oq			<i>.</i>								
			11.5												
			-	g Setting & Bł	HA							Worke	over Cos		
Qty	OD	ID	-	Description	HA	Length	Тор	Intangi				Worke	over Cos	t Daily	Cumulative
Qty	OD	ID	Tubir	Description KB		20.00		Loca	tion			Worke	over Cos		Cumulative
Qty 1	OD	ID	Tubir	Description			20.00	Loca Rig N	tion Iobiliz			Worke	over Cos	Daily	Cumulative
	OD 4.5"	<b>ID</b>	<b>Tubir</b> 4-1/2	Description KB	HGR	20.00	20.00	Loca Rig N	tion			Worke	over Cos		Cumulative
1			Tubir 4-1/2 4-1/2 B	Description KB 2 BTC SS TBG	HGR TC PIN	20.00 0.83	20.00 20.83	Loca Rig N	tion Iobiliz			Worke	over Cos	Daily	
1 1	4.5"	4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1	Description KB 2 BTC SS TBG TC PINX4-1/2 L	HGR TC PIN TC, P700	20.00 0.83 2.33	20.00 20.83 23.16	Loca Rig N Rig D	tion Iobiliz Day Wo			Worke	over Cos	Daily	
1 1 1	4.5" 4.5"	4.0" 4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1 8' a	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L1	HGR TC PIN TC, P700 LTC	20.00 0.83 2.33 42.09	20.00 20.83 23.16 65.25	Loca Rig N Rig D Mud Wate	tion Iobiliz Day Wo	ork		Work	over Cos	Daily	50,157.0
1 1 1 2	4.5" 4.5" 4.5"	4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, L1           nd 6' pup 4-1/2	HGR TC PIN TC, P700 LTC TC, P700	20.00 0.83 2.33 42.09 13.95	20.00 20.83 23.16 65.25 79.20	Loca Rig N Rig D Mud Wate Ceme	tion Iobiliz Day Wo r enting	ork Serv	ices	Worke	over Cos	Daily	50,157.0 6,750.0
1 1 1 2 101	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 11 4-1/2 LTC	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 .6 lb/ft, J55, LT	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o	20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20 4339.72	Loca Rig M Rig D Mud Wate Ceme Equip	tion Iobiliz Day Wo r enting	ork Serv	ices	Worke	over Cos	Daily 6,563.00	50,157.0 6,750.0
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           box x 3-1/2 EL           EUE T2 O/O tool	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Loca Rig N Rig D Mud Wate Ceme Equip Bits	tion Iobiliz Day Wo r enting oment	ork Serv Rent	ices als		over Cos	Daily 6,563.00	50,157.0 6,750.0
1 1 1 2 101 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           2 box x 3-1/2 El           EUE T2 O/O tool           3-1/2 landing n	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case	tion Iobiliz Day Wo r enting oment d Hole	Serv Rent	ices als s & Pe		over Cos	Daily 6,563.00 500.00	50,157.0 6,750.0 22,396.0
1 1 1 2 101 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 4-1/2, 11 4-1/2 LTC 7X3-1/2 2.81 F 3-	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 6 lb/ft, J55, LT 2 box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Loca Rig M Rig D Mud Wate Cema Equip Bits Case Wirel	tion Iobiliz Day Wo r enting oment d Hole ine Se	Serv Rent Log	ices als s & Pe s	erf.	over Cos	Daily 6,563.00	50,157.0 6,750.0 22,396.0 7,581.0
1 1 1 2 101 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 6.276"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 4-1/2, 11 4-1/2 LTC 7X3-1/2 2.81 F 3-	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           c lb/ft, J55, LT           Dox x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod	tion Aobiliz Day Wo r enting oment d Hole ine Se uction	Serv Rent Log rvice	ices als s & Pe s	erf.	over Cos	Daily 6,563.00 500.00	50,157.0 6,750.0 22,396.0 7,581.0
1 1 1 2 101 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           > box x 3-1/2 El           EUE T2 O/O too           3-1/2 landing n           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu	tion Aobiliz Day Wo r enting oment d Hole ine Se uction ulatior	Serv Rent Log ervice Test	ices als s & Pe s	erf.	over Cos	Daily 6,563.00 500.00	50,157.0 6,750.0 22,396.0 7,581.0 2,160.0
1 1 1 2 101 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 4-1/2, 1 4-1/2, 11 4-1/2, 11 4-1/2, 11 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           C box x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           anding nipple S	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ipple 1X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.71 4350.71	Loca Rig M Rig D Mud Wate Cema Equip Bits Case Wirel Prod Stimu Trans	tion Aobiliz Day Wo r enting oment d Hole ine Se uction ulatior sporta	Serv Rent Log Vice Test	ices als s & Pe s	erf.	over Cos	Daily 6,563.00 500.00 4,196.00	50,157. 6,750. 22,396. 7,581. 2,160. 6,000.
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 6.276" 3.5" 3.5" 4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 4-1/2, 1 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub Landing nipple S bin x3-1/2 eue b	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe	tion Nobiliz Day Wo r enting oment d Hole ine Se uction ulatior sporta rvisio	Serv Rent E Log rvice Test 1 tion n	ices als s & Pe s ing &	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00 1,800.00	50,157. 6,750. 22,396. 7,581. 2,160. 6,000. 18,000.
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"           4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7X3-1/2 N 2.81 F 3- 7X3-1/2 N 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc   7X5X4	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           c box x 3-1/2 EU           EUE T2 O/O too           3-1/2 landing n           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           .anding nipple \$           .oin x3-1/2 eue b           ss seal bore ss	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o a assem	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc.	tion Mobiliz Day Wo r enting oment d Hole ine Se uction ulatior sporta rvisio Labo	Serv Rent E Log rvice Test 1 tion n	ices als s & Pe s ing &	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00	50,157. 6,750. 22,396. 7,581. 2,160. 6,000. 18,000.
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"           3.5"           5.9"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 .6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S bin x3-1/2 eue b ss seal bore ss al bore Permap	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem pak packer (	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4355.75 4355.75 4356.27 4357.02	Loca Rig M Rig D Mud Wate Cemo Equip Bits Case Wirel Prod Stimu Trans Supe Misc. Tang	tion Mobiliz Day Wo Penting Denting Denting Denting Denting Denting Comparison Mathematics	Serv Rent E Log rvice Test 1 tion n	ices als s & Pe s ing &	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00 1,800.00	50,157.0 6,750.0 22,396.0 7,581.0 2,160.0 6,000.0 18,000.0 117,676.0
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"           4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           .6 lb/ft, J55, LT           c box x 3-1/2 EU           EUE T2 O/O too           3-1/2 landing n           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           .anding nipple \$           .oin x3-1/2 eue b           ss seal bore ss	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem pak packer (	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir	tion Nobiliz Day Wo r enting oment d Hole ine Se uction ulatior sporta rvisio Labo ibles	Serv Rent E Log rvice Test 1 tion n	ices als s & Pe s ing &	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00 1,800.00	50,157. 6,750. 22,396. 7,581. 2,160. 6,000. 18,000. 117,676. 49,881.
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"           3.5"           5.9"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc 7x5x4 x 5" x 4" du -1/2" LTC I	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 .6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S bin x3-1/2 eue b ss seal bore ss al bore Permap	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ipple 1X w/carbi SS 3-1/2 box ss x/o a assem bak packer ( IE pin xo (ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir	tion Nobiliz Day Wo r enting oment d Hole ine Se uction ulatior sporta rvisio Labo ibles	Serv Rent E Log rvice Test 1 tion n	ices als s & Pe s ing &	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00 1,800.00	50,157.0
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           6.276"           3.5"           6.276"           5.9"           4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc I 7X5X4 x 5" x 4" du -1/2" LTC I	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 .6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub .anding nipple S bin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU	HGR TC PIN TC, P700 LTC C, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem pask packer ( IE pin xo (ss s)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir Pack	tion Mobiliz Day Wo r enting oment d Hole ine Se uction ulatior sporta rvisio Labo ibles ng er	Serv Rent E Log rvice Test 1 tion n	ices als s & Pe s ing &	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00 1,800.00	50,157.0 6,750.0 22,396.0 7,581.0 2,160.0 6,000.0 18,000.0 117,676.0 49,881.0
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc I 7x5x4 x 5" x 4" du -1/2" LTC I 3-1/2"	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 .6 lb/ft, J55, LT C box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S bin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem pak packer ( E pin xo (ss s) lle (ss)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44 3.60	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4355.75 4355.75 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig D Mud Wate Ceme Equip Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubir Pack Wellf	tion Mobiliz Day Wo enting oment d Hole ine Se uction ulatior sporta rvisio Labo ibles ng er nead	Serv Rent E Log rvice Test 1 tion n r & S	ices als s & Pe s ing & ervice	erf. BHP	over Cos	Daily 6,563.00 500.00 4,196.00 1,800.00	50,157. 6,750. 22,396. 7,581. 2,160. 6,000. 18,000. 117,676. 49,881. 27,296.

#### San Antonio 210-828-8117 Fax 210-828-5274 8620 N. New Braunfels, Suite 315 San Antonio, Texas 78217

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### BRUINGTON ENGINEERING, LLC

BRUIN	IGIO	NEN	GINEE	RING, LLC —	DA	ILY V	VORKO	/ER R	REPORT						
Date:	11/0	5/24	Ope	erator: G	oodnig	ht Mid	stream, L	LC	Well Nam	ne:			Ryno	SWD 1	
Field:	S	San Ar			Lea, NI	М	Consult	ant:	Ronni	e Mo	Whirter	Ph	one:	903-	930-0282
Present				Waiting on a pu	ump tru				Contract	or &	<b>Rig No</b>	.:		Mesa Rig	219
Producti		ising	OD:	7" Dep	th:	10,5	556'	Wt.:			Grade		CL80		5625'
Tubing (	OD:	4	-1/2"	<b>Wt:</b> 11.	.6 <b>G</b>	rade:	J-55	Coup	ling:	LTC		Perfs:		4380'	- 5560'
From	Т		Hrs												
7:00	7:	00	24.0	Shut down, waiti	ng on p	oump t	ruck, rig a	and eq	uipment or	n sta	ndby				
	<u> </u>														
			24.0												
			Tubin	g Setting & BHA							W	orkover	Cost		
Qty	OD	ID		Description		ength	Тор	Intangi						Daily	Cumulative
				KB		20.00		Loca							
1				2 BTC SS TBG HGR		0.83			lobilizati					4.00	
1	4.5"	4.0"		TC PINX4-1/2 LTC PIN		2.33			ay Work					4,065.00	54,222.00
1	4.5"	4.0"		1.6 lb/ft, J55, LTC, P70	00	42.09		Mud							
2	4.5"	4.0"		nd 6' pup 4-1/2 LTC		13.95		Wate							6,750.00
101	4.5"	4.0"		.6 lb/ft, J55, LTC, P70		4260.52			enting Se						
1	4.5"	3.06"	4-1/2 LTC	box x 3-1/2 EUE SS	x/o	0.62			oment Re	enta	ls			350.00	22,746.00
1	3.5"	3.06"		EUE T2 O/O tool SS s		1.90	4340.34								
1	3.5"	2.81"	2.81 F	3-1/2 landing nipple s	s		4342.24	Case	d Hole Lo	ogs	& Perf				
1	3.5"	3.06"	3-1	1/2 NP riser nipple		0.50	4342.24	Wirel	ine Servi	ces					7,581.00
1	5.875"	2.99"	7x3-1/2 N	P corvel ID AS1X w/ca	arbi	7.97	4342.74	Prod	uction Te	stin	ig & Bl	IP			2,160.00
1	3.5"	3.06"		3-1/2 SS Sub		4.17			ulation						
1	3.5"	2.75"	2.75 R L	_anding nipple SS 3-1	/2	0.87	4354.88	Trans	sportatio	n					6,000.00
1	4.5"	3.06"		pin x3-1/2 eue box ss		0.52			rvision						18,000.00
1	6.276"	4.25"		ss seal bore ss assem		0.75		· ·	Labor &	Ser	vices				117,676.00
1	5.9"			al bore Permapak pac		6.97	4357.02								,
1	4.5"	3.06"		oox x 3-1/2" EUE pin x		0.07	4363.99	-							49,881.00
1	3.5"	3.06"		3-1/2" pup jt (ss)	,	3.60			-						27,296.00
1	3.5"	2.75"		x 2.75" R nipple (ss)		0.90									48,610.00
1	3.5	2.75		" pump out plug (ss)					ingency (	100/	()			441.50	
'	3.0	3.00	3-1/2	End of tubing		0.66				107	0)				36,092.20
			L	End of tubing			4309.59	rotal	Costs					4,856.50	397,014.20

#### San Antonio 210-828-8117 Fax 210-828-5274 8620 N. New Braunfels, Suite 315 San Antonio, Texas 78217

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<b>BRUINGTON ENGINEERING, LLC</b>	)
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	uno		GINEE				NORKO	VER F	REPORT					
Date:	11/0	06/24	Ор	erator:	Good	night Mid	stream, L	LC	Well Name	e:		Rync	SWD 1	
Field:		San Ar		County:	Lea,		Consult			McWhi	irter	Phone:		930-0282
Present				Rigging u	p slicklin	e to set p	lug		Contracto	or & Rig	No.:		Mesa Rig	219
Product				7"	Depth:	10,	556'	Wt.:	26 lb/ft	G	rade:	HCL80		5625'
<b>Fubing</b>	OD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling:	LTC	Pe	erfs:	4380'	- 5560'
From	-	o	Hrs											
8:00	2:	00	6.0	Rigged up F	Parker Se	ervices pu	ump truck	to tub	ing casing a	annulus	, took 8	bbls of w	ater to load	l annulus.
				Attempted to	o perform	n MIT, pro	essured a	annulus	s to 560 psi	, pressu	re bega	an droppir	ng quickly, l	oled off
				pressure, po	ossible ai	ir in annu	llus. Pum	ped 1 I	obl and cau	ght pres	ssure, (	2nd chart)	) pressured	up to 560
				psi and pres	ssure dro	pped to 3	390 psi ov	/er 42	minutes.				-	
				Bled off pres	ssure, (3	rd chart)	pressure	d up to	560 psi an	d press	ure dro	pped to 34	45 psi over	48 minutes.
				Bled off pres	ssure and	d left valv	/es open	for 1 h	our to let ai	r break	out.			
				(4th chart) F			-					er 40 min	utes.	
				Rigged dow		•	•	•			, po. o.			
				Goodnight c		•	•		tod injectin	a into w	oll for 3	0 minutos	ot 16 700	RDD
					•	•				•				
				rate, flowline	-		-	-		annulu	s press	ure was 1	79 psi and	increasing.
				Surface cas	• ·			· ·						
				Shut down f								-	mp truck fo	or
				following mo	orning. W	/ill set plu	ıg in 2.75	" R pro	file and tes	t tubing	and se	als.		
	1													
	1													
	+													
			6.0											
			6.0 Tubir	a Setting & BH							Workd	ver Cost		
Qtv				g Setting & BH Description	IA	Lenath	Тор	Intangi	bles		Workc	ver Cost	Daily	Cumulative
Qty	OD	ID			IA	Length 20.00		-			Workc	ver Cost	Daily	Cumulative
-	OD	ID	Tubir	Description KB		20.00		Loca	tion		Worko	over Cost	Daily	Cumulative
1			<b>Tubir</b> 4-1/2	Description KB 2 BTC SS TBG F	HGR	20.00 0.83	20.00	Loca Rig N	tion Iobilizatio		Workc	ver Cost		
1	4.5"	4.0"	Tubin 4-1/2 4-1/2 B	Description KB 2 BTC SS TBG H TC PINX4-1/2 L	HGR TC PIN	20.00 0.83 2.33	20.00 20.83	Loca Rig M Rig D	tion	)n	Worko	ver Cost	Daily 4,929.00	
1 1 1	4.5" 4.5"	4.0" 4.0"	Tubin 4-1/2 4-1/2 B 4-1/2, 1	Description KB 2 BTC SS TBG F TC PINX4-1/2 L 1.6 lb/ft, J55, LT	HGR TC PIN C, P700	20.00 0.83 2.33 42.09	20.00 20.83 23.16	Loca Rig M Rig D Mud	tion Iobilizatio Jay Work		Workc	over Cost		59,151.00
1 1 1 2	4.5" 4.5" 4.5"	4.0" 4.0" 4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1 8' a	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L <sup>-1</sup> 1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L	HGR TC PIN C, P700 LTC	20.00 0.83 2.33 42.09 13.95	20.00 20.83 23.16 65.25	Loca Rig N Rig D Mud Wate	tion Iobilizatio Day Work r		Workc	ver Cost		59,151.0
1 1 1 2 101	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubin 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L           6 lb/ft, J55, LT	HGR TC PIN C, P700 LTC C, P700	20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20	Loca Rig N Rig D Mud Wate Cemo	tion Iobilizatio Day Work r enting Sei	rvices	Workc	ver Cost		59,151.00 6,750.00
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubin 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 11 4-1/2, 11	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT	HGR TC PIN C, P700 LTC C, P700 JE SS x/o	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72	Loca Rig N Rig D Mud Wate Cemo	tion Iobilizatio Day Work r	rvices	Worko	over Cost		59,151.00 6,750.00
1 1 1 2 101	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubin 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 11 4-1/2, 11	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L           6 lb/ft, J55, LT	HGR TC PIN C, P700 LTC C, P700 JE SS x/o	20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Loca Rig M Rig D Mud Wate Cem Equi Bits	tion Iobilizatio Day Work r enting Ser oment Rer	rvices ntals		ver Cost		59,151.00 6,750.00
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Loca Rig N Rig D Mud Wate Cemo Equi Bits Case	tion Iobilizatio Day Work r enting Ser oment Rer d Hole Lo	rvices ntals gs & P		over Cost		59,151.00 6,750.00
1 1 1 2 101 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L <sup>-</sup> 1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L           .6 lb/ft, J55, LT           .2 box x 3-1/2 EU           .2 UE T2 O/O too	HGR TC PIN C, P700 LTC C, P700 JE SS x/o DI SS sub pple ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Loca Rig N Rig D Mud Wate Cemo Equi Bits Case	tion Iobilizatio Day Work r enting Ser oment Rer	rvices ntals gs & P				59,151.0 6,750.0 22,746.0
1 1 1 2 101 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3-	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT(1)           .6 lb/ft, J55, LT(2)           .6 lb/ft, J55, LT(3)           .71/2 EU           .71/2 EU           .71/2 L           .71/2 L	HGR TC PIN C, P700 LTC C, P700 JE SS x/o JI SS sub pple ss ole	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Loca Rig M Mud Wate Cema Equi Bits Case Wire	tion Iobilizatio Day Work r enting Ser oment Rer d Hole Lo	rvices ntals ogs & P ces	erf.	ver Cost		59,151.00 6,750.00 22,746.00 7,581.00
1 1 2 101 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06"	Tubir 4-1/2 B 4-1/2, 1' 4-1/2, 1' 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3-	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           6 b/ft, J55, LT           .6 lb/ft, J55, LT           .72 lbox x 3-1/2 EU           EUE T2 O/O too           3-1/2 landing night           1/2 NP riser nipp	HGR TC PIN C, P700 LTC C, P700 JE SS x/o JI SS sub pple ss ole	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wire Prod	tion Aobilizatio Day Work r enting Ser oment Rep d Hole Lo line Service	rvices ntals ogs & P ces	erf.	ver Cost	4,929.00	59,151.00 6,750.00 22,746.00 7,581.00
1 1 2 101 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.81" 2.99"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2 L           .6 lb/ft, J55, LT           .7 Dox x 3-1/2 EU           EUE T2 O/O too           3-1/2 landing nip           1/2 NP riser nipp           P corvel ID AS1	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71	Loca Rig M Rig C Mud Wate Cem Equi Bits Case Wire Prod Stim	tion Aobilizatio Day Work r enting Ser oment Ren d Hole Lo line Servio uction Tes	rvices ntals gs & P ces sting &	erf.	over Cost	4,929.00	59,151.00 6,750.00 22,746.00 7,581.00 3,315.00
1 1 2 101 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I	Description           KB           2 BTC SS TBG H           TC PINX4-1/2 L           1.6 lb/ft, J55, LT0           1.6 lb/ft, J55, LT0           1.6 lb/ft, J55, LT0           2 box x 3-1/2 EU           EUE T2 O/O too           3-1/2 Ianding nip           1/2 NP riser nipp           P corvel ID AS1           3-1/2 SS Sub	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.71 4350.71	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans	tion Aobilizatio Day Work r enting Ser oment Rer oment Rer d Hole Lo ine Servic uction Tes ulation sportation	rvices ntals gs & P ces sting &	erf.	ver Cost	4,929.00	59,151.00 6,750.00 22,746.00 7,581.00 3,315.00 6,000.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc	Description           KB           2 BTC SS TBG H           C PINX4-1/2 L           1.6 lb/ft, J55, LT           1.6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .72 L           .6 lb/ft, J55, LT           .6 lb/ft, J55, LT           .72 L           .71/2 EU           .71/2 EU           .71/2 Ianding nip           .71/2 NP riser nipp           P corvel ID AS1           .3-1/2 SS Sub           .anding nipple S	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe	tion Aobilizatio Day Work r enting Ser oment Rer oment Rer d Hole Lo ine Servio uction Tes ulation sportation rvision	rvices ntals gs & P ces sting &	erf.	ver Cost	4,929.00	59,151.0 6,750.0 22,746.0 7,581.0 3,315.0 6,000.0 19,800.0
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2,11 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7X3-1/2 N 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc   7X5x4	Description           KB           2 BTC SS TBG H           C PINX4-1/2 L           1.6 lb/ft, J55, LT(           2 DOX 3-1/2 EU           EUE T2 O/O too           3-1/2 landing nip           1/2 NP riser nipp           P corvel ID AS1           3-1/2 SS Sub           anding nipple S           pin x3-1/2 eue b           ss seal bore ss	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi SS 3-1/2 ox ss x/o assem	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wirel Prod Stime Trans Supe Misc	tion Mobilizatio Day Work r enting Ser oment Ren oment Ren d Hole Lo ine Servic ulation Tes ulation sportation rvision Labor &	rvices ntals gs & P ces sting &	erf.	ver Cost	4,929.00	59,151.0 6,750.0 22,746.0 7,581.0 3,315.0 6,000.0 19,800.0
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	Description KB BTC SS TBG H TC PINX4-1/2 L I.6 lb/ft, J55, LTC I.6 lb/ft, J55, LTC C box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing nip I/2 NP riser nipp P corvel ID AS1 3-1/2 SS Sub Landing nipple S Soin x3-1/2 eue b ss seal bore ss a al bore Permapa	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi SS 3-1/2 ox ss x/o assem ak packer (	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4355.75 4355.75 4356.27 4357.02	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang	tion Mobilizatio Day Work r enting Ser oment Rer oment Rer d Hole Lo ine Servic uction Tes ulation sportation rvision Labor & ibles	rvices ntals gs & P ces sting &	erf.		4,929.00	59,151.00 6,750.00 22,746.00 7,581.00 3,315.00 6,000.00 19,800.00 117,676.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc 7x5x4 x 5" x 4" du -1/2" LTC I	Description KB 2 BTC SS TBG H TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing nip 1/2 NP riser nipp P corvel ID AS1 3-1/2 SS Sub anding nipple S bin x3-1/2 eue b ss seal bore ss al bore Permaps pox x 3-1/2" EUE	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi SS 3-1/2 ox ss x/o assem ak packer ( E pin xo (ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi	tion Aobilizatio Day Work r enting Ser oment Rep oment Rep d Hole Lo ine Servic uction Tes ulation sportation rvision Labor & ibles	rvices ntals gs & P ces sting &	erf.		4,929.00	59,151.00 6,750.00 22,746.00 7,581.00 3,315.00 6,000.00 19,800.00 117,676.00 49,881.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2, 17 7X3-1/2 LTC 7X3-1/2 LTC 7X3-1/2 N 2.75 R I 4-1/2 LTC 7X5X4 x 5" x 4" du -1/2" LTC I	Description KB 2 BTC SS TBG H TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 L c lb/ft, J55, LT c box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing nip f/2 NP riser nipp P corvel ID AS1 3-1/2 SS Sub canding nipple S oin x3-1/2 eue b ss seal bore ss al bore Permapa pox x 3-1/2" EUE 3-1/2" pup jt (ss)	HGR TC PIN C, P700 LTC C, P700 JE SS x/o JSS sub pple ss ole X w/carbi SS 3-1/2 ox ss x/o assem ak packer ( E pin xo (ss )	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 0.75 6.97 0.44 3.60	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi Pack	tion Mobilizatio Day Work r enting Ser oment Rep oment Rep d Hole Lo ine Servio uction Tes ulation sportation rvision Labor & ibles ng er	rvices ntals gs & P ces sting &	erf.	over Cost	4,929.00	59,151.00 6,750.00 22,746.00 7,581.00 3,315.00 6,000.00 19,800.00 117,676.00 49,881.00 27,296.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc I 7x5x4 x 5" x 4" du -1/2" LTC I 3-1/2"	Description           KB           2 BTC SS TBG H           C PINX4-1/2 L           1.6 lb/ft, J55, LT(           1.7 lb (1.2 lb)           2.0 LT 2 O/O too           3-1/2 landing nip           1/2 NP riser nipp           2 nding nipple S           3 nding nipple S      <	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi SS 3-1/2 ox ss x/o assem ak packer ( E pin xo (ss ) e (ss)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 6.97 0.44 3.60 0.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4355.75 4356.27 4355.75 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wirel Prod Stime Trans Supe Misc Tang Tubi Pack Well	tion Mobilizatio Day Work r enting Ser oment Ren oment Ren d Hole Lo ine Servic uction Tes ulation sportation rvision Labor & ibles ng er nead	rvices ntals gs & P ces sting & N Servico	erf.	ver Cost	4,929.00	59,151.00 6,750.00 22,746.00 7,581.00 3,315.00 6,000.00 19,800.00 117,676.00 49,881.00 27,296.00 48,610.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc I 7x5x4 x 5" x 4" du -1/2" LTC I 3-1/2"	Description KB 2 BTC SS TBG H TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 L c lb/ft, J55, LT c box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing nip f/2 NP riser nipp P corvel ID AS1 3-1/2 SS Sub canding nipple S oin x3-1/2 eue b ss seal bore ss al bore Permapa pox x 3-1/2" EUE 3-1/2" pup jt (ss)	HGR TC PIN C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ole X w/carbi SS 3-1/2 ox ss x/o assem ak packer ( E pin xo (ss ) e (ss)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 0.75 6.97 0.44 3.60	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4355.75 4356.27 4355.75 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi Pack Well Cont	tion Mobilizatio Day Work r enting Ser oment Rep oment Rep d Hole Lo ine Servio uction Tes ulation sportation rvision Labor & ibles ng er	rvices ntals gs & P ces sting & N Servico	erf.	ver Cost	4,929.00	59,151.0 6,750.0 22,746.0 7,581.0 3,315.0 6,000.0 19,800.0 117,676.0 49,881.0 27,296.0

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RUINGTON ENGINEERING, I	LC
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BRUIN	NGTO	N EN	GINEE	RING, LLC	<b>'</b>	DAILY V	NOKKO	VER F	REPO	RT					
Date:	11/0	7/24	Op	erator:		Inight Mid				Name:	Ι		Ryno	SWD 1	
Field:	5	San Ar		County:	Lea	, NM	Consult	ant:	R	onnie N	lcWhir	ter	Phone:	903-	930-0282
Present					ing tubing	g hanger.				ractor	& Rig	No.:		Mesa Rig	219
Product				7"	Depth:	· · · · ·	556'	Wt.:		lb/ft		ade:	HCL80		5625'
Tubing	OD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling:	L٦	C	Pe	erfs:	4380'	- 5560'
				1											
From	_	0 20	Hrs	Diggod up I	Donogod	o oliok lin	o truck D	) on in l		d a at 2	75" D	nlug k		kor	
8:00	_	30	0.5	Rigged up I					iole ar	ia sel 2	./5 R	piug t	below pac	ker.	
8:30		00	0.5	Rigged up I											
9:00	11	:00	2.0							sure, Ir	crease	ed pre	ssure to 5	60 psi, pre	ssure began
				dropping qu	-		-								
				Pressured u		-				-			-	-	
				Tubing pres		<u>· · ·                                  </u>	-		-						-
				Bled pressu			•								
								asing p	ressur	e drop	ped to	427 ps	si and tub	ing pressur	e increased
				to 240 psi. I		-	-								
11:00	12	:45	1.8	Ran in hole										of hole with	n slick line.
				Ran in hole		•	e plug an	d set i	n uppe	r nipple	e inside	e sting	er.		
12:45	1:	15	0.5	Rigged up p	oump true	ck.									
1:15	1:	45	0.5	Pressure te	sted tubi	ng and ca	asing aga	in, pur	nped t	ubing p	ressur	e up to	o 100 psi,	pumped ca	asing
				pressure up	o to 600 p	osi, monite	ored for 3	30 minu	utes. C	asing p	ressu	e drop	ped to 46	60 psi and t	ubing
				pressure in	creased t	to 190 psi	i.								-
1:45	2:	30	0.75	Waited on o	orders.										
2:30		00	1.5			ade slick	line truck	and F	Parker	pump t	ruck ar	nd rele	ased bot	n. left 2.81"	F profile plug
2.00			1.0	seated in pa											
	-			Monahans	-						-			-	
				Wonanano		, and End			ing up	und po		ig and		, on tool an	a ooalo.
				Shut down	for night										
				Shut down	for night.										
				Shut down	for night.										
				Shut down	for night.										
				Shut down	for night.										
				Shut down	for night.										
				Shut down	for night.										
				Shut down 1	for night.										
				Shut down	for night.										
				Shut down	for night.										
				Shut down '	for night.										
			8.0	Shut down 1	for night.										
			8.0 Tubir	Shut down								Workc	vver Cost		
Qty	OD	ID				Length	Тор	Intangi	bles			Workc	over Cost	Daily	Cumulative
Qty	OD	ID		g Setting & BH				Intangi				Workc	over Cost		Cumulative
	OD	ID	Tubir	ng Setting & Bl	1A	Length	-	Loca	tion	zation		Workc	ver Cost		Cumulative
	OD 4.5"	ID 4.0"	Tubir 4-1/2	ng Setting & BH Description KB	IA HGR	Length 20.00	20.00	Loca	tion Iobili:			Workc	ver Cost		Cumulative 62,694.00
1			Tubir 4-1/2 4-1/2 B	g Setting & BI Description KB 2 BTC SS TBG	HGR TC PIN	Length 20.00 0.83	20.00 20.83	Loca Rig M	tion Iobili:			Workc	over Cost	Daily	
1	4.5"	4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1	ng Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L	HGR TC PIN TC, P700	Length 20.00 0.83 2.33	20.00 20.83 23.16	Loca Rig M Rig D	tion Iobiliz Day W			Workc	over Cost	Daily	
1 1 1	4.5" 4.5"	4.0" 4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1 8' a	ng Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT	HGR TC PIN TC, P700 LTC	Length 20.00 0.83 2.33 42.09	20.00 20.83 23.16 65.25	Loca Rig N Rig D Mud Wate	tion Iobilii Day W			Workc	over Cost	Daily	62,694.00
1 1 1 2	4.5" 4.5" 4.5"	4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2,1'	pg Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2	HGR TC PIN TC, P700 LTC C, P700	Length 20.00 0.83 2.33 42.09 13.95	20.00 20.83 23.16 65.25 79.20	Loca Rig N Rig D Mud Wate Cem	tion Iobili Day W r enting	ork		Workc	ver Cost	Daily	62,694.00
1 1 1 2 101	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 8' a 4-1/2, 1' 4-1/2, LT(	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o	Length 20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20 4339.72	Loca Rig M Rig D Mud Wate Cemo Equi	tion Iobili Day W r enting	ork J Serv		Workc	over Cost	Daily 3,543.00	62,694.00 6,750.00
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Loca Rig M Rig I Mud Wate Cem Equi Bits	tion Aobili Day W r entinç pmen	ork J Serv	als		over Cost	Daily 3,543.00	62,694.00 6,750.00
1 1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o DI SS sub pple ss	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Loca Rig M Rig I Mud Wate Cem Equi Bits Case	tion Aobili Day W r enting pmen d Hol	ork g Serv t Rent	als s & Pe		ver Cost	Daily 3,543.00	62,694.00 6,750.00 23,096.00
1 1 2 101 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F 3-	Image         Image           Image <td>HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple</td> <td>Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90</td> <td>20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24</td> <td>Loca Rig M Mud Wate Cem Equi Bits Case Wire</td> <td>tion Iobili Day W r enting pmen d Hol line S</td> <td>ork y Serv t Rent e Logs</td> <td>als 8 &amp; Pe s</td> <td>erf.</td> <td>ver Cost</td> <td>Daily 3,543.00 350.00</td> <td>62,694.00 6,750.00</td>	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Loca Rig M Mud Wate Cem Equi Bits Case Wire	tion Iobili Day W r enting pmen d Hol line S	ork y Serv t Rent e Logs	als 8 & Pe s	erf.	ver Cost	Daily 3,543.00 350.00	62,694.00 6,750.00
1 1 1 2 101 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F 3-	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod	tion Iobili Day W r entinç omen d Hol line S uction	ork y Servi t Rent e Log: ervice n Test	als 8 & Pe s	erf.	ver Cost	Daily 3,543.00 350.00 5,589.00	62,694.00 6,750.00 23,096.00 13,170.00
1 1 1 2 101 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.89"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F 3- 7x3-1/2 N	pg Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS <sup>-</sup>	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim	tion Aobiliz Day W r enting pmen d Hol line S uction ulatio	ork g Servi t Rent e Logs ervice n Testi n	als 8 & Pe s	erf.	over Cost	Daily 3,543.00 350.00 5,589.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00
1 1 2 101 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F 3- 7X3-1/2 N 2.75 R	pg Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS <sup>2</sup> 3-1/2 SS Sub	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss pple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4350.71	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans	tion Aobiliz Day W r enting omen d Hol line S uction ulatio sporta	ork g Servi t Rent e Logs ervice n Test n ation	als 8 & Pe s	erf.	ver Cost	Daily 3,543.00 350.00 5,589.00	62,694.00 6,750.00 23,096.00 13,170.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1 4-1/2, 1 4-1/2 LT( 7X3-1/2 2.81 F 3- 7X3-1/2 N 2.75 R 4-1/2 Itc	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS <sup>2</sup> 3-1/2 SS Sub Landing nipple S	HGR HGR TC PIN TC, P700 LTC C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Tran Supe	tion Aobiliz Day W r enting omen d Hol line S uction ulatio sporta rvisio	ork g Servi t Rent e Logs ervice n Test n ation	als s & Pe s ng &	erf. BHP	over Cost	Daily 3,543.00 350.00 5,589.00 1,100.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00 6,000.00 21,600.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875" 3.5" 3.5" 3.5" 4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F 3- 7X3-1/2 N 2.75 R 4-1/2 Itc 7X5X4	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS <sup></sup> 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue b	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss pple 1X w/carbi SS 3-1/2 pox ss x/o assem	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Tran Supe Misc	tion Aobiliz Day W enting omen d Hol line S uction ulatio sporta sporta crvisic	ork g Servi t Rent e Logs ervice n Test n n ation on	als s & Pe s ng &	erf. BHP	ver Cost	Daily 3,543.00 350.00 5,589.00 1,100.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00 6,000.00 21,600.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 4-1/2 B 4-1/2, 1 8' a 4-1/2, 1' 4-1/2 LT( 7X3-1/2 2.81 F 3- 7x3-1/2 N 2.75 R 4-1/2 Itc 7x5x4 x 5" x 4" du	ng Setting & BF Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing nip I/2 NP riser nip I/2 NP riser nip I/2 NP riser nip I/2 SS Sub Landing nipple S pin x3-1/2 eue to ss seal bore ss	HA HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o DI SS sub pple ss ple 1X w/carbi SS 3-1/2 pox ss x/o assem ak packer (	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4355.75 4356.27 4356.27	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang	tion Aobiliz Day W r enting pmen d Hol line S uction ulatio sporta rvisic Labo ibles	ork g Servi t Rent e Logs ervice n Test n n ation on	als s & Pe s ng &	erf. BHP	over Cost	Daily 3,543.00 350.00 5,589.00 1,100.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00 6,000.00 21,600.00 117,676.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2, 1 8' a 4-1/2, 17 4-1/2 LTC 7X3-1/2 2.81 F 3- 7x3-1/2 N 2.75 R 4-1/2 Itc 7x5x4 x 5" x 4" du -1/2" LTC	g Setting & BI Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o DI SS sub pple ss ple 1X w/carbi SS 3-1/2 Dox ss x/o assem ak packer ( E pin xo (ss	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Tran Supe Misc Tang Tubi	tion Aobiliz Day W r enting pmen d Hol line S uction ulatio sporta rvisio . Labo ibles ng	ork g Servi t Rent e Logs ervice n Test n n ation on	als s & Pe s ng &	erf. BHP	ver Cost	Daily 3,543.00 350.00 5,589.00 1,100.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00 6,000.00 21,600.00 117,676.00 49,881.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2, 17 4-1/2 LTC 7X3-1/2 2.81 F 3- 7X3-1/2 N 2.75 R 4-1/2 Itc 7x5x4 x 5" x 4" du -1/2" LTC	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS <sup>-1</sup> 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue t ss seal bore Permap poox x 3-1/2" EU 3-1/2" pup jt (ss	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple 1X w/carbi SS 3-1/2 iox ss x/o assem iak packer ( E pin xo (ss )	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Tran Supe Misc Tang Tubi Pack	tion Mobiliz Day W r entinç pmen d Hol line S uction ulatio sporta rvisic Labo ibles ng er	ork g Servi t Rent e Logs ervice n Test n n ation on	als s & Pe s ng &	erf. BHP	over Cost	Daily 3,543.00 350.00 5,589.00 1,100.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00 21,600.00 117,676.00 49,881.00 27,296.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 4-1/2 B 4-1/2, 1 8' a 4-1/2, 17 4-1/2 LTC 7X3-1/2 2.81 F 3- 7X3-1/2 N 2.75 R 4-1/2 ItC 7X5x4 x 5" x 4" du -1/2" LTC I 3-1/2	g Setting & BI Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss pple 1X w/carbi SS 3-1/2 pox ss x/o assem ak packer ( E pin xo (ss ) le (ss)	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.50 7.97 4.17 0.52 0.75 6.97 0.44 3.60	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4356.27 4355.75 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Tran Supe Misc Tang Tubi Pack Well	tion Aobiliz Day W enting pmen d Hol line S uction ulatio sporta sporta ibles ng er nead	ork g Servi t Rent e Logs ervice n Test n n ation on	als s & Pe s ng & ervice	erf. BHP	ver Cost	Daily 3,543.00 350.00 5,589.00 1,100.00	62,694.00 6,750.00 23,096.00 13,170.00 4,415.00 6,000.00 21,600.00 117,676.00 49,881.00

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#### BRUINGTON ENGINEERING, LLC -

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	4410	0/04										
Date:	11/0		-	erator:		<u> </u>	Istream, L		Well Name:		Ryno SWD 1	220.0202
Field:		an An		County:		NM	Consult		Ronnie McWhirl			930-0282
Present				onitoring we					Contractor & Rig N		Mesa Rig	
Producti				7"	Depth:		556'	Wt.:			L80 PBTD:	5625'
Tubing C	)D:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling: LTC	Perfs:	4380'	- 5560'
From	Т		Hrs									
7:00	8:0	00	1.0	Spotted rig	, raised m	nast, stru	ng up gui	de line	S.			
8:00	9:0	00	1.0	Waited on	nipple up	crew.						
9:00	9::	30	0.5	Held Good	night safe	ty orienta	ation with	9 new	hands, PJSM with a	ll crews.		
9:30	10:	30	1.0	Nippled dov	wn injecti	on tree a	nd flowlin	e, nipp	led up 5000 psi BOF	s and funct	ion tested.	
10:30	11:		1.0						power tongs.			
11:30	12:		1.0					· · · · · · · · · · · · · · · · · · ·	ulled 30k lbs to ensu	re the on/of	f tool was still l	atched
11.00	12.	00	1.0						nger, seals looked g			
40.00	2.0	20	0.5				•					
12:30	3:0	00	2.5					-	ating at 25 rpm on to			
				-					one joint (#26 in tally	,	ar and will be r	eplaced.
				Inspected t	he seals (	on the on	n/off tool, l	ooked	new with no damage	Э.		
3:00	4:3	30	1.5	Loaded 7"	casing wit	th fluid th	rough BC	P with	reverse unit, closed	blind rams,	pressured up	to 600 psi
				with revers	e unit and	monitor	ed pressu	ire. Ca	sing held 600 psi.		<u> </u>	
							-		ons and visually insp	ected hoxes	and nins	
				Shut down		olcanea		meour				
				Shut down	ior night.							
			9.5									
				g Setting & Bl	HΔ					Workover Co	net	
Qty	OD	ID	Tubin	Description		Length	Тор	Intangi	hles	WUIKUVEI CO	Daily	Cumulative
		.5		KB		20.00		Loca			Buily	Cantalative
			1 1/0	BTC SS TBG	HCP	0.83			Iohilization			
1		4.0"	-		-			-			4 000 00	07.000.00
1	4.5"	4.0"	-	C PINX4-1/2 L	-	2.33			ay Work		4,929.00	67,623.00
1	4.5"	4.0"		.6 lb/ft, J55, L1		42.09		Mud				
2	4.5"	4.0"		nd 6' pup 4-1/2		13.95		Wate				6,750.00
101	4.5"	4.0"	4-1/2,11	.6 lb/ft, J55, LT	C, P700	4260.52			enting Services			
1	4.5"	3.06"	4-1/2 LTC	box x 3-1/2 E	UE SS x/o	0.62	4339.72	Equi	oment Rentals		350.00	23,446.00
1	3.5"	3.06"	7X3-1/2 E	EUE T2 O/O to	ol SS sub	1.90					1	
1	3.5"	2.81"	2.81 F	3-1/2 landing n	ipple ss				d Hole Logs & Pe	rf.		
1	3.5"	3.06"		/2 NP riser nip		0.50			ine Services		1	13,170.00
1	5.875"	2.99"		P corvel ID AS	-	7.97			uction Testing & I		+	4,415.00
			170-1/2 N		IN W/Galbi							4,410.00
1	3.5"	3.06"	0 75 5 :	3-1/2 SS Sub	00.0.1/2	4.17			ulation			0.000.00
1	3.5"	2.75"		anding nipple		0.87			sportation			6,000.00
1	4.5"	3.06"		oin x3-1/2 eue l		0.52			rvision		1,800.00	23,400.00
1	6.276"	4.25"	7x5x4 :	ss seal bore ss	assem	0.75			Labor & Services	<u>S</u>	23,626.00	141,302.00
1	5.9"	4.25"	x 5" x 4" du	al bore Permap	oak packer (	6.97	4357.02	Tang	ibles			
1	4.5"	3.06"	-1/2" LTC b	ox x 3-1/2" EU	E pin xo (ss	0.44	4363.99	Tubi	ng			49,881.00
1	3.5"	3.06"	3	3-1/2" pup jt (ss	;)	3.60			•		1,625.00	28,921.00
1	3.5"	2.75"		x 2.75" R nipp		0.90						48,610.00
· · ·	J			" pump out plu		0.66			ingency (10%)		3,233.00	41,351.80
1	2 5"	3 ∩ R" I	マ_1/フ									
1	3.5"	3.06"	3-1/2	End of tubing	y (ss)	0.00			Costs		35,563.00	454,869.80

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BRUINGTON ENGI	NEERING, LLC
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BRUIN	GIU					DAILY V	UNNU	VEKR	EPUR	•				
Date:	11/0	9/24	Ор	erator:	Good	Inight Mid	stream, L	LC	Well N	ame:		Ryı	no SWD 1	
Field:	S	San Ar		County:			Consult	ant:	Ror	nnie McW	/hirter	Phone:	: 903-	930-0282
Present				Preparing to	go in hole	e with test	packer.			actor & R	ig No.:		Mesa Rig	219
Producti	ion Ca	sing	OD:	7"	Depth:	10,5	556'	Wt.:	26	b/ft	Grade:	HCL8	0 <b>PBTD</b> :	5625'
Tubing C	DD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling:	LTC	P	erfs:	4380'	- 5560'
From	Т	o	Hrs											
8:00	10	:00	2.0	Pressured	up on 7" (	casing wit	h reverse	e unit to	o 600 ps	si and mo	onitored f	or 2 hour	rs, lost 20 psi	i every 30
				minutes fro	m 600 ps	si to 520 p	si.							
10:00	11	:00	1.0	Released p	oressure,	installed g	gauge on	BOPs	, pressu	ured up to	o 660 psi	. Monitor	ed pressure	for 1 hour.
				Lost 20 psi						•				
11:00	11	:30	0.5	Closed valv	,		onnected	lines a	nd che	cked for I	eaks.			
11:30		00	2.5	Continued								erv 30 mi	nutes	
2:00		30	0.5	Waited on o		g procour	00.11000		manaoa	101000 2	0 001 000	51 y 00 m	natoo.	
							ام المربحا م			0 7/0"				ما با م
2:30	3:	00	0.5		-			own toi	night. 2	2-7/8" WO	rk string	and test	packer sche	aulea
				to be delive	ered the fo	ollowing n	norning.							
			7.0											
			7.0 Tubir	a Setting & Bł							Work	over Cost		
			-	g Setting & Bł	HA	Length	Top	Intanci	bles		Work	over Cost		Cumulative
Qty	OD	ID	-	Description	HA	Length	Тор	Intangi			Work	over Cost	Daily	Cumulative
	OD	ID	Tubir	Description KB		20.00		Loca	tion		Work	over Cost		Cumulative
1			<b>Tubir</b> 4-1/2	Description KB 2 BTC SS TBG	HGR	20.00 0.83	20.00	Loca Rig N	tion Iobiliza		Work	over Cost	Daily	
1	4.5"	4.0"	Tubin 4-1/2 4-1/2 B	Description KB 2 BTC SS TBG TC PINX4-1/2 L	HGR TC PIN	20.00 0.83 2.33	20.00	Loca Rig M Rig D	tion		Work	over Cost		
1			Tubin 4-1/2 4-1/2 B	Description KB 2 BTC SS TBG	HGR TC PIN	20.00 0.83	20.00 20.83 23.16	Loca Rig M Rig D Mud	tion Iobiliza Day Wo		Work	over Cost	Daily	Cumulative 72,759.00
1	4.5"	4.0"	Tubin 4-1/2 4-1/2 B 4-1/2, 1	Description KB 2 BTC SS TBG TC PINX4-1/2 L	HGR TC PIN TC, P700	20.00 0.83 2.33	20.00 20.83 23.16	Loca Rig M Rig D	tion Iobiliza Day Wo		Work	over Cost	Daily	
1 1 1	4.5" 4.5"	4.0" 4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1' 8' a	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L1	HGR TC PIN TC, P700 LTC	20.00 0.83 2.33 42.09	20.00 20.83 23.16 65.25	Loca Rig M Rig D Mud Wate	tion Iobiliza Day Wo r	ork		over Cost	Daily	72,759.00
1 1 1 2	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2,11	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L1 nd 6' pup 4-1/2	HGR TC PIN TC, P700 LTC TC, P700	20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20	Loca Rig M Rig D Mud Wate Ceme	tion Iobiliza Day Wo r enting	ork Service	S	over Cost	Daily 5,136.00	72,759.00
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2,11 8' ai 4-1/2,11 4-1/2,11	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, L1 nd 6' pup 4-1/2 .6 lb/ft, J55, LT C box x 3-1/2 El	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72	Loca Rig M Rig D Mud Wate Cemo Equij	tion Iobiliza Day Wo r enting	ork	S	over Cost	Daily	72,759.00
1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           box x 3-1/2 EU           EUE T2 O/O tool	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub	20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Loca Rig N Rig D Mud Wate Cemo Equij Bits	tion Iobiliza Day Wo r enting oment	service Rentals	S	over Cost	Daily 5,136.00	72,759.00
1 1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	Tubir 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           C box x 3-1/2 El           EUE T2 O/O tool           3-1/2 landing n	HGR .TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case	tion Iobiliza Day Wo r enting oment d Hole	rk Service Rentals Logs &	S	over Cost	Daily 5,136.00	72,759.00 6,750.00 23,796.00
1 1 1 2 101 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06"	Tubir 4-1/2 B 4-1/2, 1' 4-1/2, 1' 4-1/2,11 4-1/2 LTC 7X3-1/2 2.81 F 3-	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 .6 lb/ft, J55, LT C box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Loca Rig M Mud Wate Cema Equij Bits Case Wirel	tion Aobiliza Day Wo r enting oment d Hole ine Se	rk Service Rentals Logs & rvices	s Perf.	over Cost	Daily 5,136.00	72,759.00 6,750.00 23,796.00 13,170.00
1 1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	Tubir 4-1/2 B 4-1/2, 1' 4-1/2, 1' 4-1/2,11 4-1/2 LTC 7X3-1/2 2.81 F 3-	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           c lb/ft, J55, LT           Dox x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wirel Prod	tion Aobiliza Day Wo r enting oment oment d Hole ine Se uction	rk Service Rentals Logs & rvices Testing	s Perf.	over Cost	Daily 5,136.00	72,759.00
1 1 1 2 101 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06"	Tubir 4-1/2 B 4-1/2, 1' 4-1/2, 1' 4-1/2,11 4-1/2 LTC 7X3-1/2 2.81 F 3-	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 .6 lb/ft, J55, LT C box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71	Loca Rig M Rig C Mud Wate Cemo Equij Bits Case Wirel Prod Stim	tion Aobiliza Day Wo r enting oment d Hole ine Se uction ulation	rk Service Rentals Logs & rvices Testing	s Perf.	over Cost	Daily 5,136.00	72,759.00 6,750.00 23,796.00 13,170.00
1 1 1 2 101 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           c lb/ft, J55, LT           Dox x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS	HGR _TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71	Loca Rig M Rig C Mud Wate Cemo Equij Bits Case Wirel Prod Stim	tion Aobiliza Day Wo r enting oment oment d Hole ine Se uction	rk Service Rentals Logs & rvices Testing	s Perf.	over Cost	Daily 5,136.00	72,759.00 6,750.00 23,796.00 13,170.00
1 1 1 2 101 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           C box x 3-1/2 El           EUE T2 O/O too           3-1/2 landing n           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ipple 1X w/carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4354.88	Loca Rig M Rig D Mud Wate Cema Equi Bits Case Wirel Prod Stimu Trans	tion Aobiliza Day Wo r enting oment d Hole ine Se uction ulation	rk Service Rentals Logs & rvices Testing	s Perf.	over Cost	Daily 5,136.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875" 3.5" 3.5" 3.5" 4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 11 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           C box x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           anding nipple S	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75	Loca Rig M Rig D Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe	tion Iobiliza Day Wo r enting oment d Hole ine Se uction ulation sportat rvisior	rk Service Rentals Logs & rvices Testing tion	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00 6,000.00 25,200.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7X3-1/2 N 2.87 R I 4-1/2 Itc   7X5X4	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           c box x 3-1/2 EU           EUE T2 O/O too           3-1/2 landing n           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           anding nipple \$           pin x3-1/2 eue b	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o a assem	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case Wirel Prod Stimu Trans Supe Misc	tion Aobiliza Day Wo r enting oment d Hole ine Se uction ulation sportat rvisior Labor	rk Service Rentals Logs & rvices Testing	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00 6,000.00 25,200.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 D 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT 2 box x 3-1/2 El EUE T2 O/O too 3-1/2 landing n 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue b ss seal bore ss al bore Permap	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ipple 1X w/carbi SS 3-1/2 box ss x/o assem pak packer (	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4355.71 4354.88 4355.75 4356.27 4357.02	Loca Rig M Rig D Mud Wate Cemo Equij Bits Case Wirel Prod Stimu Trans Supe Misc. Tang	tion Iobiliza Day Wo Panting Doment Comment Doment	rk Service Rentals Logs & rvices Testing tion	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00 6,000.00 25,200.00 141,302.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc 7x5x4 x 5" x 4" du -1/2" LTC I	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           C box x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           anding nipple S           pin x3-1/2 eue t           ss seal bore ss           al bore Permap           pox x 3-1/2" EU	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ipple 1X w/carbi SS 3-1/2 box ss x/o a assem bak packer ( E pin xo (ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99	Loca Rig M Rig D Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe Misc. Tang Tubi	tion Iobiliza Day Wo r enting oment d Hole ine Se uction ulation sportat rvisior Labor ibles	rk Service Rentals Logs & rvices Testing tion	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00 6,000.00 25,200.00 141,302.00 49,881.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B' 4-1/2, 1' 8' al 4-1/2, 11 4-1/2 LTC 7X3-1/2 LTC 7X3-1/2 N 2.75 R I 4-1/2 ltc J 7x5x4 x 5" x 4" du -1/2" LTC H	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss	HGR TC PIN TC, P700 LTC C, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem bak packer ( E pin xo (ss s)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Loca Rig M Rig C Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe Misc. Tang Tubin Pack	tion Mobiliza Day Wo r enting oment oment d Hole ine Se uction ulation sportat rvisior Labor ibles ng er	rk Service Rentals Logs & rvices Testing tion	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00 25,200.00 141,302.00 49,881.00 28,921.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 8' al 4-1/2, 11 4-1/2 LTC 7X3-1/2 LTC 7X3-1/2 N 2.75 R I 4-1/2 ltc J 7x5x4 x 5" x 4" du -1/2" LTC H	Description           KB           2 BTC SS TBG           TC PINX4-1/2 L           1.6 lb/ft, J55, LT           nd 6' pup 4-1/2           1.6 lb/ft, J55, LT           C box x 3-1/2 EL           EUE T2 O/O too           3-1/2 landing ni           1/2 NP riser nip           P corvel ID AS           3-1/2 SS Sub           anding nipple S           pin x3-1/2 eue t           ss seal bore ss           al bore Permap           pox x 3-1/2" EU	HGR TC PIN TC, P700 LTC C, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem bak packer ( E pin xo (ss s)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99	Loca Rig M Rig C Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe Misc. Tang Tubin Pack	tion Mobiliza Day Wo r enting oment oment d Hole ine Se uction ulation sportat rvisior Labor ibles ng er	rk Service Rentals Logs & rvices Testing tion	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.00 6,750.00 23,796.00 13,170.00 4,415.00 6,000.00 25,200.00 141,302.00 49,881.00
1 1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-1</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3 7x3-1/2 N 2.75 R I 4-1/2 Itc I 7x5x4 x 5" x 4" du -1/2" LTC I 3-1/2"	Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip IP corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss	HGR TC PIN TC, P700 LTC TC, P700 UE SS x/o ol SS sub ipple ss ple 1X w/carbi SS 3-1/2 box ss x/o assem pak packer ( E pin xo (ss s) le (ss)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44 3.60	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4355.75 4355.27 4355.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig C Mud Wate Cemo Equij Bits Case Wirel Prod Stimu Trans Supe Misc. Tang Tubin Pack Wellt	tion Aobiliza Jay Wo r enting oment d Hole ine Se uction ulation sportat rvisior Labor ibles ng er nead	rk Service Rentals Logs & rvices Testing tion	s Perf. & BHP	over Cost	Daily 5,136.00 350.00	72,759.0 6,750.0 23,796.0 13,170.0 4,415.0 6,000.0 25,200.0 141,302.0 49,881.0 28,921.0

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	BRUINGTON	ENGINEERING, LLC	
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1       4.5"       3.06"       4-1/2 ltc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x 4" dual bore Permapak packer       6.97       4357.02       Tangibles       1         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin x0 (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00         1       3.5"       2.75"       3-1/2" x 2.75" R nipple (ss)       0.90       4368.03       Wellhead       48,610.00         1       3.5"       3.06"       3-1/2" pump out plug (ss)       0.66       4368.93       Contingency (10%)       1,320.20       43,400.60	BRUIN	IGTO	N EN	GINEE	RING, LLC	;		VORKO	VER RI	EPO	RT					
Present Operation:         Attempting to best tubing and casing.         Contractor & Rig No::         Measa Rig 219           Tubing OD:         4-1/2*         Wt:         11.6         Grade:         J-55         Coupling:         LTC         Parfs:         4380*-5580*           Tom         To         Ht         Inc.         Moved 4-1/2*         tubing off pipe racks, opened doors on BCPs, replaced 4-1/2* pipe rams with 2-7/8* rams, unloaded 2-7/8*, 65 Binf, 180 BR, tubing from Kright onto racks.           00         9.30         1.5         Revoed thread protocors and safet artippie on T pint of fubing.         345           9.45         0.05         Ran packer and 1 pint in hole, set packer, closed pipe rams, pressured up annulus to 600 psi for 30           9.46         10.15         Revoed thread protocors and safet arc.         Cord and Social arc.           10.45         0.5         Ran packer and 1 pint in hole, set packer, closed pipe rams, pressured up to 600 psi for 45 minutes, local 20 psi (charted).           11.45         12.25         Revested annulus above packer for 45 minutes at 500 psi, lost to rost.         Social psi (charted).           12.30         1.45         12.55         Waled on orders.         Vulne and seat angle pop packer and 500 psi for 45 minutes, lost 20 psi (charted).           13.30         4.30         1.00         Tipped in hole with 59 pints of tubing to 425:         Vulne a	Date:	11/1	0/24	Ор	erator:	Good										
Production Casing Ob:         ''         Topologic         10.556'         Wt:         28 lb/lt         Grade:         H           Troing TO:         4-1/2'         Wt:         11.6         Grade:         J-S5         Coupling:         LTC         Perfs:         4380'-5580'           7:00         8:00         1.0         Moved 4-172' tubing off pipe racks, opened doors on BOPs, replaced 4-172' pipe rams with 2-78' rams, uncleaded 2-78'', s.60 kit. L8.08 k, Lubing from Kingh eton racks.         8:00         9:30         9:45         Removed thread proteotors and talled 2-78'' s.60 kit. L8.08 k, Lubing from Kingh eton racks.           8:00         9:30         9:45         C.25         Made up DJ Timison, bide pressure of table 10 king.         10:15         0:5         Renoved thread proteotors and talled 2-78'' s.60 ("checked for air."           10:15         10:45         12:30         T.75         Made up TIW valve to tubing, tested casing below packer to 600 psi for 45 minutes. lost 20 psi (charted).           12:30         1.75         Made up TIW valve to tubing, tested casing below packer to 600 psi for 45 minutes. lost 20 psi (charted).           12:30         1.75         Made up TIW valve to tubing to 4235'.         12:30         1:35         1:35         Palled AD 1 packer. made up HD packer and seat nipple, tipped in hole with 73 joints of tubing with packer to 2309'.           3:16         3:30         4:30 </td <td></td> <td>_</td> <td></td> <td>dres</td> <td></td> <td></td> <td></td> <td></td> <td>ant:</td> <td>R</td> <td>onnie N</td> <td>cWhi</td> <td>rter</td> <td>Phone:</td> <td>903-</td> <td>930-0282</td>		_		dres					ant:	R	onnie N	cWhi	rter	Phone:	903-	930-0282
Tubing OD:         4-1/2*         Wit:         11.6         Grade:         J-55         Coupling:         LTC         Perfs:         4380*-5580*           Trom         To         Hm         Included 2-7/8* 6.5 Br/L 30 8R, tubing from Knipht onto racks.         Included 2-7/8* 6.5 Br/L 30 8R, tubing from Knipht onto racks.         Included 2-7/8* 6.5 Br/L 30 8R, tubing from Knipht onto racks.         Include 2-7/8* 6.5 Br/L 30 8R, tubing from Knipht onto racks.         Include 2-7/8* 100 150 100 115 Revoord throad protocors and tailed 2-7/8* tubing (100 1016 4.405* 23         Include 2-7/8* rams, protocors and tailed 2-7/8* tubing (100 1016 4.405* 23         Include 2-7/8* rams, protocors and tailed 2-7/8* tubing (100 1016 4.405* 23         Include 2-7/8* rams, protocors and tailed 2-7/8* tubing (100 1016 4.405* 23         Include 2-7/8* rams, protocors and tailed 2-7/8* tubing tubing protocors and tailed 2-7/8* tubing tub					Attempting	to test tul						& Rig	No.:			219
Trom         To         He           7:00         8:00         1.0         Moved 4-1/2" tubing off pipe racks, opened doors on BOPs, replaced 4-1/2" pipe rams, with 2-7/8" rams, united 42-7/8". So Made up AD 1 tension pacter and seat night on tot racks.           8:00         9:30         1.5         Removed thread proteotors and talled 2-7/8". So Made up AD 1 tension packer, dosed pipe rams, pressured up annulus to 600 psi for 30 minutes, lost pressure, bied pressure off, checked for air.           1:15         10:46         0.25         Ran packer and 1 joint in hole, set packer, dosed pipe rams, pressured up annulus to 600 psi for 30 minutes, lost pressure, bied pressure off, checked for air.           1:15         10:46         1.75         Made up TW valve to tubing, leside axaing below packer to 600 psi lost pressure. No visible leaks at surface or on BOPs.           1:20         1:45         1.25         Re-tested annulus above packer for 45 minutes at 000 psi, lost 80 psi, down to 520 psi (charted).           1:40         2:45         Re-tested annulus above packer for 45 minutes at 000 psi, lost 80 psi, down to 520 psi (charted).           1:415         1:42         0.25         Strapped tubing on racks.           3:30         1:02         Strapped tubing on racks.         3:30           3:30         1:00         Strapped tubing on racks.         3:30           3:30         1:00         Tripped in hole with 59 joints of tubing to 4:235.																
2:00         8:00         1:0.         Moved 4:17" tubing off pipe racks, opened doors on BOPs, replaced 4:12" pipe rams with 2:78" rams, interact and seat rules from Kinjbing	Tubing	OD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coupli	ng:	LT	C	Pe	erfs:	4380'	- 5560'
2:00         8:00         1:0.         Moved 4:17" tubing off pipe racks, opened doors on BOPs, replaced 4:12" pipe rams with 2:78" rams, interact and seat rules from Kinjbing	<b>F</b>		-		1											
Interacted 2.78°°, 6.5 lbmt, 180 BR, tubing from Knight onto resks.           9:00         9:30         1.5         Removed thread proceedsmas and liable 2.78°° tubing (150) pints 4,805°23           9:30         9:45         0.25         Made up AD 1 tension packer and seat nipple on 1 pint of tubing.           9:46         10:15         0.5         Ran packer and 1 joint in hide, set packer, closed pipe rame, pressured up annulus to 600 pal for 30           11:15         10:45         0.5         Re-tested annulus above packer, pressured up to 600 pal for 45 minutes. lost 220 psi (charted).           10:45         12:30         11:75         Made up TW valve to tubing, tested casing below packer to 600 pal for 45 minutes. lost 220 psi (charted).           10:45         12:32         Packet and annulus above packer pressured up to 600 pal, lost 80 psi, down to 520 psi (charted).           10:45         12:32         Packet and annulus above packer for 45 minutes at 600 psi for 45 minutes. lost 220 psi (charted).           10:45         12:32         Packet and seat nipple, tripped in hole with 73 joints of tubing with packer to 2369°.           3:16         3:30         4:30         1:00         Set packer at 4235', attempted to test down tubing, network as a test test down tubing, released and moved packer 20° up hole and set, attempted best again, still leaded, dropped 2:78° standing valve to lest tubing for tesk, ran out of water on test truck, shut down for night.           14:30         10					Moved 4.1/	0" tubing	off pipe r	aaka an	anad da	oro o		rople	and 4	1/2" nine	romo with	0.7/0" romo
8:00         9:30         9:45         15         Removed thread protectors and tailed 2-76" tubing (150) joint 4,805"23           9:30         9:45         0.25         Medu gu DO 1 tonsion packer and set nipple on 1 joint of tubing.           9:45         10:15         0.5         Rean packer and 1 joint in hole, set packer, closed pipe rams, pressured up annulus to 600 pai for 30 minutes, lost 20 pai (charted).           11:15         10:45         12:30         0.5         Re-tested annulus above packer, pressured up 600 pai, lost 30 pai, down to 520 pai (charted).           12:30         17:5         Mede up TIW valve to tubing, tested casing below packer to 600 pai for 45 minutes, lost 20 pai (charted).           12:30         17:5         Mede up TIW valve to tubing, tested casing below packer to 600 pai for 45 minutes, lost 20 pai (charted).           12:30         14:30         12:5         Pulled AD 1 packer, made up HD packer and seat nipple, tipped in hole with 73 joints of tubing with packer to 23:30           13:30         4:30         1.00         Tipped in hole with 59 joints of tubing to 4235'.           14:30         1:30         Reapped tubing on racks.         3:30         4:30         1:00         Set paped tubing on tacks.           3:30         4:30         1:00         Set paped tubing on tacks.         3:30         6:30         1:00         Set paped tubing on tacks.           3:30	7:00	8:	00	1.0		•							aced 4	- 1/2 pipe	e rams with	2-778 rams,
9:30         9:45         0:25         Made up AD 1 tension packer and 1 spetar, closed premars, pressured up annulus to 600 psi for 30 minutes, lost pressure, bled pressure off, checked for air.           9:45         10:15         0.5         Re-necked minute above packer, closed pressure to 10 500 psi, fost pressure. No visible leaks at surface or on BOPs.           10:15         10:45         0.5         Re-necked minute above packer, pressured up to 600 psi for 45 minutes, lost 20 psi (charted).           11:44         12:30         1.75         Made up TW valve to tubing, tosted casing below packer to 600 psi for 45 minutes, lost 20 psi (charted).           11:45         1.28         Re-nested annulus above packer for 45 minutes at 600 psi, lost 80 psi, down to 520 psi (charted).           12:00         3.15         1.25         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with           3:01         4.30         5.30         1.00         Stapped tubing on racks.         33           3:30         4.30         5.30         1.00         Stapped tubing on tubing to 4235.         33           4:30         5.30         1.00         Stapped tubing on thinks the packer 20' up hole and set, attempted to test gain, shutdown for night.           4:30         5.30         1.00         Stapped tubing on tacks.         10         10         10         10         10									-	-						
9:46         10:15         0.5         Ran packer and 1 joint in hole, set packer, closed sipe rams, pressured up annulus to 600 psi for 30 minutes, lost pressure, bled pressure, for, checked for air.           10:15         10:45         0.5         Re-tested annulus above packer, pressured up 10 000 psi, lost pressure. No visible leaks at surface or on BOPs.           10:145         1.25         Re-tested annulus above packer, pressured up 10 000 psi, lost pressure. No visible leaks at surface or on BOPs.           12:30         1.46         1.25         Re-tested annulus above packer for 45 minutes at 600 psi for 45 minutes, lost 20 psi (charted).           12:30         1.45         1.25         Puiled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2806".           2:00         3:15         1.25         Puiled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2806".           3:30         4:30         1.00         Tripped in hole with 59 joints of tubing to 4235".           4:30         1.00         Tripped in hole with 59 joints of tubing to reak, ran out of water on test truck, shut down for night.           4:30         1.00         Tripped in hole with 59 joints of tubing for test, ran out of water on test truck, shut down for night.           4:30         1.00         Tripped in hole with 59 joints of tubing for thing in the morning and either retrive valve with sand line           1:0											. ,.			23		
Immutes, lost pressure, biol pressure off, checked for air.           10:15         10:45         0.5         Re-tested annulus above packer, pressured up to 600 psi, lost pressure, No visible leaks at surface or on BOPs.           10:45         12:30         11:45         12:5         Re-tested annulus above packer for 45 minutes at 600 psi, lost 80 psi, down to 520 psi (charted).           12:30         11:45         12:5         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2369.           3:15         1.25         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2369.           3:30         4:30         10:0         Strapped tubing on racks.           3:30         4:30         10:0         Strapped tubing on racks.           3:30         4:30         10:0         Strapped tubing on racks.           4:30         5:30         10:0         Strapped anole word packer 20'up hole and set, attempted to test again, still leaked, in tubing, released and moved packer 20'up hole and set, attempted to test again, still leaked, in tubing, released and moved packer did not hold and will bring a new packer in the morning.           10:4         Hd fuld coming out of casing valve while testing.         Med tubing first thing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           10:5         Milning the morning and either retr		_					-				-	-				
10:15         10:45         0.5         Re-lested annulus above packer, pressured up to 600 psl, lost pressure. No visible leaks at surface or on BOPs.           10:45         12:30         17.75         Made up TIW valve to tubing, tested casing below packer to 600 psl for 45 minutes, lost 20 psl (charted).           11:45         12:45         12:45         12:45         12:50         Patheside annulus above packer for 45 minutes at 600 psl, lost 80 psl, down to 520 psl (charted).           14:5         2:24         0.25         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2369 <sup>C</sup> .           3:15         3:30         0.23         100         Tripped tubing on racks.           3:30         4:30         1.00         Tripped tubing on racks.           3:30         0.25         Strapped tubing on racks.         Tripped tubing on racks.           3:30         0.25         Tripped tubing on racks.         Tripped tubing on racks.         Tripped tubing on racks.           3:30         1:30         Strapped tubing on racks.         Tripped tubing on racks.         Tripped tubing on racks.           3:30         1:30         Strapped tubing on racks.         Tripped tubing on racks.         Tripped tubing on racks.           3:30         1:30         Mesquite tool fand move dpacker 20 <sup>C</sup> up tubing an dpacker dpending on tack tatompreset	9:45	10	:15	0.5		-						s, pre	ssured	l up annu	lus to 600 p	osi for 30
Image: Instant State         or on BOPs.           10:45         12:30         11:45         12:8         Re-tested annulus above packer for 45 minutes at 600 psi for 45 minutes, tost 20 psi (charted).           11:45         2:45         0.25         Waited on orders.         Provide AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2589.           2:00         3:15         1:25         Provide AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2589.           3:30         4:30         1:00         Stapped tubing on racks.           4:30         1:00         Stapped tubing on racks.         Stapped tubing on racks.           3:30         4:30         1:00         Stapped tubing on racks.         Stapped tubing on racks.           4:30         1:00         Stapped tubing on racks.         Stapped tubing on racks.         Stapped tubing on racks.																
10:45         12:30         1.75         Made up TIW valve to tubing, tested casing below packer to 600 psi for 45 minutes, lost 20 psi (charted).           12:30         1.45         1.26         Re-tested annuus above packer for 45 minutes at 600 psi, lost 80 psi, down to 520 psi (charted).           1:45         2.260         0.25         Waited on orders.           2:00         3:15         1.20         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2569.           3:30         4:30         1.00         Tripped in hole with 59 joints of tubing to 4235.           4:30         5:30         1.00         Stepaker at 235, stempted to test down tubing, packer was not holding or there was a leak in tubing, released and moved packer 20 up hole and set, attempted to test again, still leaked, dropped 2-78° standing valve to test tubing for leak, ran out of water on test truck, shut down for night.           4:30         5:30         1.00         Stepaker at 4235, stempted to to hold and will bring a new packer in the morning.           Will attempt to test tubing first thubing in the morning and either retrieve valve with sand line         or pull tubing and packer depending on tests.           4:10         0         10         Description         Length         Top           4:11         10.5         10         Description         Length         Top         Intagibles         Dally         C	10:15	10	:45	0.5			bove pac	ker, pres	sured up	p to 6	00 psi,	lost pr	essur	e. No visil	ble leaks at	surface
12:30       1:45       1.25       Re-tested annulus above packer for 45 minutes at 600 psi, lost 80 psi, down to 520 psi (charted).         1:45       2:45       0.25       Waited on orders.         2:00       3:15       1:25       Packer to 2:809.         3:15       3:30       4:30       1.00       Tripped in hole with 59 joints of tubing to 4235.         4:30       1.00       Set packer at 4237, attempted to test down tubing, packer was not holding or there was a leak         4:30       5:30       1.00       Set packer at 4237, attempted to test down tubing, packer on test may an tubing, released and moved packer 120 up hole and set, attempted to test again, still leaked, dropped 2:7/8* standing valve to test tubing for leak, ran out of water on test truck, shut down for night.         Had fluid coming out of casing valve while testing.       Mesquite tool hand thinks the packer did not hold and will bring a new packer in the morning.         Will attempt to test tubing first thing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.       Currulative         1       10.5       Tubing Setting & BHA       You to You You You You You You You You You Yo					or on BOPs	5.										
1145         2.45         0.25         Wailed on orders.           2.00         3:15         1.25         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2309.           3:15         3:30         0.25         Strapped tubing on racks.           3:30         1.00         Tripped in hole with 59 joints of tubing to 4235'.           4:30         5:30         1.00         Explacer at 4235, attempted to test down tubing, packer was not holding or there was a teak in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, dropped 2:7/8" standing valve to test tubing for leak, ran out of water on test truck, shut down for night. Had fluid coming out of casing valve while testing.           Will attempt to test tubing first thing in the morning and either retrieve valve with sand line or puli tubing and packer depending on tests.           U         U         Vill attempt to test tubing first thing in the morning and either retrieve valve with sand line or puli tubing and packer depending on tests.           U         U         K8         2000         Rig Mobilization           1         4:12 BTC STR5 HOR         0.83         2003         Rig Mobilization           1         4:12 BTC PINCH-12 LTC PIN         233         2003         Rig Mobilization         6,750.0C           1         4:5         3:6         4:00         4:12 BTC PINCH-12 LTC PIN <td>10:45</td> <td>12</td> <td>:30</td> <td>1.75</td> <td>Made up TI</td> <td>W valve</td> <td>to tubing,</td> <td>tested ca</td> <td>asing be</td> <td>elow p</td> <td>acker t</td> <td>o 600</td> <td>psi foi</td> <td>45 minut</td> <td>tes, lost 20</td> <td>psi (charted).</td>	10:45	12	:30	1.75	Made up TI	W valve	to tubing,	tested ca	asing be	elow p	acker t	o 600	psi foi	45 minut	tes, lost 20	psi (charted).
2:00         3:15         1.25         Pulled AD 1 packer, made up HD packer and seat nipple, tripped in hole with 73 joints of tubing with packer to 2389.           3:30         0.25         Strapped tubing on racks.	12:30	1:	45	1.25	Re-tested a	innulus a	bove pac	ker for 45	5 minute	es at 6	600 psi,	lost 8	0 psi,	down to 5	520 psi (cha	rted).
3:15         3:30         0.25         Strapped tubing on racks.           3:30         4:30         1:00         Set packer at 4235', attempted to test down tubing, packer was not holding or there was a leak in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, in tubing, released and moved packer 20' up hole and set, attempted to test again, shut down for night. Had fluid coming out of casing valve while testing.           Image: the set of the set tubing first or to test tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing test tubi	1:45	2:	45	0.25	Waited on o	orders.										
3:15         3:30         0.25         Strapped tubing on racks.           3:30         4:30         1:00         Set packer at 4235', attempted to test down tubing, packer was not holding or there was a leak in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, in tubing, released and moved packer 20' up hole and set, attempted to test again, shut down for night. Had fluid coming out of casing valve while testing.           Image: the set of the set tubing first or to test tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: test tubing first tubing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         Image: test tubing first tubing test tubi	2:00	3:	15	1.25	Pulled AD <sup>2</sup>	packer,	made up	HD pack	er and s	seat r	ipple, t	ripped	in ho	e with 73	joints of tul	ping with
3:15       3:30       0.25       Strapped tubing on racks.         3:30       4:30       1.00       Tripped in hole with 59 joints of tubing to 4235'.         4:30       5:30       1.00       St packer at 4235', attempted to test down tubing, packer was not holding or there was a leak in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, dropped 2-7/8' standing valve to test tubing for leak, ran out of water on test truck, shut down for night. Had fluid coming out of casing walve while testing.         Had fluid coming out of casing valve while testing.       Mesquite tool hand thinks the packer did not hold and will bring a new packer in the morning. Will attempt to test tubing first thing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.         1       1       1       1         1       1       1       1         1       1       1       1         1       10.5       Tubing Setting & BHA       Workover Cost         1       1       4.112 BTC RNAH, 21 CT RNA 122 LT R       2.000       Rig Mobilization         1       4.412 BTC RNAH, 21 CT RNA 122 LT R       2.003       Rig Mobilization       6.612.00         1       4.47       4.12 BTC RNAH, 21 CT RNA 122 LT R       2.38       Rig Day Work       6.612.00       79,371.00         1       4.57       4.0°       4.12 BTC						-	•	•				•••				
3:30       4:30       1.00       Tripped in hole with 59 joints of tubing to 4235'.         4:30       5:30       1.00       Set packer at 4235', attempted to test down tubing, packer was not holding or there was a leak in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, dropped 2-7/8' standing valve to test tubing for leak, ran out of water on test truck, shut down for night. Had fluid coming out of casing valve while testing.         Will attempt to test tubing first thing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.       Will attempt to test tubing for tests.         10.5       Tubing Setting & BHA       Workover Cost         10.5       Longth       Top         10.6       K8       20.00         11       4.5'       4.0'       4.1/2 BT CS B4GR         20.0       Variage Standard       20.30       Rig Mobilization         11       4.5'       4.0'       8 and 6' pap.1/12 LTC       13.36       65.25         11       4.5'       4.0'       4.1/2 BT CS B4GR       0.60       24.383       350.00       24.146.0C         12       4.5' <td>3.15</td> <td>3:</td> <td>30</td> <td>0.25</td> <td>•</td> <td></td> <td>acks.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	3.15	3:	30	0.25	•		acks.									
4:30       5:30       1.00       Set packer at 4235', attempted to test down tubing, packer was not holding or there was a leak in tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, dropped 2-71% standing valve to test tubing for leak, ran out of water on test truck, shut down for night.         Image: Set						0		of tubina	to 4235	,						
In tubing, released and moved packer 20' up hole and set, attempted to test again, still leaked, dropped 2-7/8' standing valve to test tubing for leak, ran out of water on test truck, shut down for night. Had fluid coming out of casing valve while testing.           Mesquite tool hand thinks the packer did not hold and will bring a new packer in the morning.         Will attempt to test tubing first thing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.         Will attempt to test tubing first thing in the morning and either retrieve valve with sand line or pull tubing and packer depending on tests.           Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.         Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.           Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.         Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.           Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.         Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.           Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.         Image: tool hand thinks the packer did not hold and will bring a new packer in the morning.           Image: tool hand thinks the packer did not hold and will bring an packer depending on tests.         Image: tool hand thinks the packer did not hold and will bring a new packer did not hold and wil							-	-			nacker	was n	ot hole	ding or the	ara was a la	ak
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Had fluid coming out of casing valve while testing.           Mesquite tool hand thinks the packer did not hold and will bring a new packer in the morning.           Will attempt to test tubing first thing in the morning and either retrieve valve with sand line           or pull tubing and packer depending on tests.           Image: State of the state of th					-									-		
Image: Section of the secti											, ran ol	It of w	ater o	n test truc	sk, snut dow	in for hight.
Will attempt to test tubing first thing in the morning and either retrieve valve with sand line           or pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction of pull tubing and packer depending on tests.           Image: Construction depending on tests. <th< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>						-		-		-						
or pull tubing and packer depending on tests.           interval         or pull tubing and packer depending on tests.           interval         interval           interval         interval         interval           interval         interval         interval           interval         interval         interval           interval         interval         interval           interval         interval         interval <th< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>].</td></th<>					-			-				-				].
Image: Constraint of the second sec							-	-		ning a	and eith	er retr	ieve v	alve with	sand line	
Tubing Setting & BHA         Workover Cost           Oty         OD         ID         Description         Length         Top         Intangibles         Daily         Cumulative           1         KB         20.00         Location         1         Cumulative         Cumulative           1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 BTC STBG HGR         0.83         20.00         Rig Day Work         6,612.00         79,371.00           2         4.5"         4.0"         4-1/2 LTC PINX4-1/2 LTC         13.95         66.25         Water         6,750.00           101         4.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE S x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         4.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         350.00         24,146.00           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Production Testing & BHP         4,415.00           1         3.5"         3.06"         3-1/2 NP stisen kinple					or pull tubir	ig and pa	cker dep	ending or	n tests.							
Tubing Setting & BHA         Workover Cost           Oty         OD         ID         Description         Length         Top         Intangibles         Daily         Cumulative           1         KB         20.00         Location         1         Cumulative         Cumulative           1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 BTC STBG HGR         0.83         20.00         Rig Day Work         6,612.00         79,371.00           2         4.5"         4.0"         4-1/2 LTC PINX4-1/2 LTC         13.95         66.25         Water         6,750.00           101         4.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE S x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         4.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         350.00         24,146.00           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Production Testing & BHP         4,415.00           1         3.5"         3.06"         3-1/2 NP stisen kinple																
Tubing Setting & BHA         Workover Cost           Oty         OD         ID         Description         Length         Top         Intangibles         Daily         Cumulative           1         KB         20.00         Location         1         Cumulative         Cumulative           1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 BTC STBG HGR         0.83         20.00         Rig Day Work         6,612.00         79,371.00           2         4.5"         4.0"         4-1/2 LTC PINX4-1/2 LTC         13.95         66.25         Water         6,750.00           101         4.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE S x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         4.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         350.00         24,146.00           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Production Testing & BHP         4,415.00           1         3.5"         3.06"         3-1/2 NP stisen kinple																
Tubing Setting & BHA         Workover Cost           Oty         OD         ID         Description         Length         Top         Intangibles         Daily         Cumulative           1         KB         20.00         Location         1         Cumulative         Cumulative           1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 BTC STBG HGR         0.83         20.00         Rig Day Work         6,612.00         79,371.00           2         4.5"         4.0"         4-1/2 LTC PINX4-1/2 LTC         13.95         66.25         Water         6,750.00           101         4.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE S x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         4.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         350.00         24,146.00           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Production Testing & BHP         4,415.00           1         3.5"         3.06"         3-1/2 NP stisen kinple																
Tubing Setting & BHA         Workover Cost           Oty         OD         ID         Description         Length         Top         Intangibles         Daily         Cumulative           1         KB         20.00         Location         1         Cumulative         Cumulative           1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 BTC STBG HGR         0.83         20.00         Rig Day Work         6,612.00         79,371.00           2         4.5"         4.0"         4-1/2 LTC PINX4-1/2 LTC         13.95         66.25         Water         6,750.00           101         4.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE S x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         4.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         350.00         24,146.00           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Production Testing & BHP         4,415.00           1         3.5"         3.06"         3-1/2 NP stisen kinple																
Oty         OD         ID         Description         Length         Top         Intangibles         Daily         Cumulative           1         KB         20.00         Location         Image: Cumulative         Image: Cumulative         Image: Cumulative           1         4.1/2 BTC ST BG HGR         0.83         20.00         Rig Mobilization         Image: Cumulative           1         4.5"         4.0"         4-1/2 BTC PINX4-1/2 LTC PIN         2.33         20.33         Rig Day Work         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 IT.6 lb/ft, J55, LTC, P700         42.09         23.16         Mud         Image: Cumulative         6.750.00           101         4.5"         4.0"         4-1/2 LT.6 box x 3-1/2 EUE SS v/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         3.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         Image: Cumulative         Imag																
KB         20.00         Location           1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization           1         4.5"         4.0"         4-1/2 BTC PINX4-1/2 LTC PIN         2.33         20.83         Rig Day Work         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2 ITC PINX4-1/2 LTC PIN         2.33         20.83         Rig Day Work         6,612.00         79,371.00           2         4.5"         4.0"         4-1/2 LTC IS5, LTC, P700         42.09         23.16         Mud	01			Tubir		IA	1	<b>T</b>					Work	over Cost	Delle	Querra la tito a
1         4-1/2 BTC SS TBG HGR         0.83         20.00         Rig Mobilization           1         4.5"         4.0"         4-1/2 BTC PINX4-1/2 LTC PIN         2.33         20.83         Rig Day Work         6,612.00         79,371.00           1         4.5"         4.0"         4-1/2,11.6 Ib/ft, J55, LTC, P700         42.09         23.16         Mud         6,750.00           2         4.5"         4.0"         8' and 6' pup 4-1/2 LTC         13.95         65.25         Water         6,750.00           101         4.5"         4.0"         4-1/2,11.6 Ib/ft, J55, LTC, P700         4260.52         79.20         Cementing Services         0           1         3.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE S x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         3.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         0         13,170.00           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Wireline Services         13,170.00           1         3.5"         3.06"         3-1/2 NP corvel ID AS1X w/carbi         7.97         4342.74         Production Testing & BHP	Qty		טו						-						Dally	Cumulative
1         4.5*         4.0"         4-1/2 BTC PINX4-1/2 LTC PIN         2.33         Rig Day Work         6,612.00         79,371.00           1         4.5*         4.0"         4-1/2 BTC PINX4-1/2 LTC PIN         2.33         Rig Day Work         6,612.00         79,371.00           2         4.5*         4.0"         8' and 6' pup 4-1/2 LTC         13.95         65.25         Water         6,750.00           101         4.5"         4.0"         4-1/2 LTC box x 3-1/2 EUE SS x/o         0.62         439.72         Equipment Rentals         350.00         24,146.00           1         3.5*         3.06"         4-1/2 LTC box x 3-1/2 EUE SS x/o         0.62         439.72         Equipment Rentals         350.00         24,146.00           1         3.5*         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         1           1         3.5*         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Cased Hole Logs & Perf.         1         13,170.00           1         3.5*         3.06"         3-1/2 NP corvel ID AS1X w/carbi         7.97         4342.24         Production Testing & BHP         4,415.00           1         3.5*         3.06"         3-1/2 NP corvel ID AS1X	4			A 4/		HCP					zation					
1       4.5"       4.0"       4-1/2, 11.6 lb/ft, J55, LTC, P700       42.09       23.16       Mud         2       4.5"       4.0"       8' and 6' pup 4-1/2 LTC       13.95       65.25       Water       6,750.00         101       4.5"       4.0"       4-1/2,11.6 lb/ft, J55, LTC, P700       4260.52       79.20       Cementing Services       6,750.00         1       4.5"       3.06"       4-1/2 LTC box x 3-1/2 EUE SS x/o       0.62       4339.72       Equipment Rentals       350.00       24,146.00         1       3.5"       3.06"       7X3-1/2 EUE T2 O/O tool SS sub       1.90       4340.34       Bits       6         1       3.5"       3.06"       3-1/2 NP riser nipple       0.50       4342.24       Cased Hole Logs & Perf.       13,170.00         1       5.875"       2.99"       7X3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 NP corvel ID AS1X w/carbi       7.97       4345.75       Supervision       1,075.00       7,075.00         1       3.5"       3.06"       3-1/2 NP corvel ID AS1X w/carbi       7.97       4356.87       Supervision       1,075.00       7,075.00         1		4 5 1	4.0"	-		-									6 6 1 0 00	70.074.00
2         4.5"         4.0"         8' and 6' pup 4-1/2 LTC         13.95         65.25         Water         6,750.00           101         4.5"         4.0"         4-1/2,11.6 lb/ft, J55, LTC, P700         4260.52         79.20         Cementing Services				-		-				ay W	UTK				0,012.00	79,371.00
101         4.5"         4.0"         4-1/2,11.6 lb/ft, J55, LTC, P700         4260.52         79.20         Cementing Services         1           1         4.5"         3.06"         4-1/2 LTC box x 3-1/2 EUE SS x/o         0.62         4339.72         Equipment Rentals         350.00         24,146.00           1         3.5"         3.06"         7X3-1/2 EUE T2 O/O tool SS sub         1.90         4340.34         Bits         1           1         3.5"         2.81"         2.81 F 3-1/2 landing nipple ss         4342.24         Cased Hole Logs & Perf.         1           1         3.5"         3.06"         3-1/2 NP riser nipple         0.50         4342.24         Wireline Services         13,170.00           1         5.875"         2.99"         7X3-1/2 NP corvel ID AS1X w/carbi         7.97         4342.24         Production Testing & BHP         4,415.00           1         3.5"         3.06"         3-1/2 NP corvel ID AS1X w/carbi         7.97         4354.88         Transportation         1,075.00         7,075.00           1         3.5"         3.06"         4-1/2 Itc pin x3-1/2 eue box sx x/o         0.52         4355.75         Supervision         1,800.00         27,000.00           1         4.5"         3.06"         4-1/2 Itc p										,						0 750 00
1       4.5"       3.06"       4-1/2 LTC box x 3-1/2 EUE SS x/o       0.62       4339.72       Equipment Rentals       350.00       24,146.00         1       3.5"       3.06"       7X3-1/2 EUE T2 O/O tool SS sub       1.90       4340.34       Bits       1         1       3.5"       2.81"       2.81 F 3-1/2 landing nipple ss       4342.24       Cased Hole Logs & Perf.       1         1       3.5"       3.06"       3-1/2 NP riser nipple       0.50       4342.24       Wireline Services       13,170.00         1       5.875"       2.99"       7X3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 SS Sub       4.17       4350.71       Stimulation       1,075.00       7,075.00         1       3.5"       2.75"       2.75 R Landing nipple SS 3-1/2       0.87       4355.75       Supervision       1,800.00       27,000.00         1       4.5"       3.06"       4-1/2 ltc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       x5" x 4" dual bore Permapak packer       6.97       4357.02       Tangibles       44667.00 <td></td> <td>6,750.00</td>																6,750.00
1       3.5"       3.06"       7X3-1/2 EUE T2 O/O tool SS sub       1.90       4340.34       Bits         1       3.5"       2.81"       2.81 F 3-1/2 landing nipple ss       4342.24       Cased Hole Logs & Perf.       1         1       3.5"       3.06"       3-1/2 NP riser nipple       0.50       4342.24       Wireline Services       13,170.00         1       5.875'       2.99"       7X3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 SS Sub       4.17       4350.71       Stimulation	-	-				-									050.00	04.446.55
1       3.5"       2.81"       2.81 F 3-1/2 landing nipple ss       4342.24       Cased Hole Logs & Perf.       1         1       3.5"       3.06"       3-1/2 NP riser nipple       0.50       4342.24       Wireline Services       13,170.00         1       5.875"       2.99"       7x3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 SS Sub       4.17       4350.71       Stimulation       1         1       3.5"       2.75"       2.75 R Landing nipple SS 3-1/2       0.87       4354.88       Transportation       1,075.00       7,075.00         1       4.5"       3.06"       4-1/2 ltc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       5" x 4" dual bore Permapak packer       6.97       4357.02       Tangibles       4         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin xo (s       0.44       4363.99       Tubing       49,881.00         <		-								men	t Kenta	ais			350.00	24,146.00
1       3.5"       3.06"       3-1/2 NP riser nipple       0.50       4342.24       Wireline Services       13,170.00         1       5.875"       2.99"       7x3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 SS Sub       4.17       4350.71       Stimulation       4,415.00         1       3.5"       2.75"       2.75 R Landing nipple SS 3-1/2       0.87       4354.88       Transportation       1,075.00       7,075.00         1       4.5"       3.06"       4-1/2 Itc pin x3-1/2 eue box ss x/0       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x s" x 4" dual bore Permapak packer (       6.97       4357.02       Tangibles       49,881.00         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin xo (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.90</td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td>							1.90				<u> </u>					
1       5.875"       2.99"       7x3-1/2 NP corvel ID AS1X w/carbi       7.97       4342.74       Production Testing & BHP       4,415.00         1       3.5"       3.06"       3-1/2 SS Sub       4.17       4350.71       Stimulation       4415.00         1       3.5"       2.75"       2.75 R Landing nipple SS 3-1/2       0.87       4354.88       Transportation       1,075.00       7,075.00         1       4.5"       3.06"       4-1/2 Itc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x 5" x 4" dual bore Permapak packer (       6.97       4357.02       Tangibles       49,881.00         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin xo (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00         1       3.5"       2.75"       3-1/2" pup jt (ss)       0.60       4368.03       Wellhead       48,610.00					-								erf.			
1       3.5"       3.06"       3-1/2 SS Sub       4.17       4350.71       Stimulation         1       3.5"       2.75"       2.75 R Landing nipple SS 3-1/2       0.87       4354.88       Transportation       1,075.00       7,075.00         1       4.5"       3.06"       4-1/2 ltc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x 5" x 4" dual bore Permapak packer (       6.97       4357.02       Tangibles       49,881.00         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin xo (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00         1       3.5"       2.75"       3-1/2" x 2.75" R nipple (ss)       0.90       4368.03       Wellhead       48,610.00         1       3.5"       3.06"       3-1/2" pump out plug (ss)       0.66       4368.93       Contingency (10%)       1,320.20       43,400.60 <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>					-											
1       3.5"       2.75       2.75 R Landing nipple SS 3-1/2       0.87       4354.88       Transportation       1,075.00       7,075.00         1       4.5"       3.06"       4-1/2 ltc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x5" x 4" dual bore Permapak packer       6.97       4357.02       Tangibles				7x3-1/2 N		1X w/carbi						ng &	BHP			4,415.00
1       4.5"       3.06"       4-1/2 ltc pin x3-1/2 eue box ss x/o       0.52       4355.75       Supervision       1,800.00       27,000.00         1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x 4" dual bore Permapak packer       6.97       4357.02       Tangibles       1         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin x0 (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00         1       3.5"       2.75"       3-1/2" x 2.75" R nipple (ss)       0.90       4368.03       Wellhead       48,610.00         1       3.5"       3.06"       3-1/2" pump out plug (ss)       0.66       4368.93       Contingency (10%)       1,320.20       43,400.60																
1       6.276"       4.25"       7x5x4 ss seal bore ss assem       0.75       4356.27       Misc. Labor & Services       3,365.00       144,667.00         1       5.9"       4.25"       x 5" x 4" dual bore Permapak packer (       6.97       4357.02       Tangibles       0.75       4363.99       1000000000000000000000000000000000000	1	3.5"	2.75"		0											•
1       5.9"       4.25"       5" x 4" dual bore Permapak packer       6.97       4357.02       Tangibles       49,881.00         1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin xo (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00         1       3.5"       2.75"       3-1/2" x 2.75" R nipple (ss)       0.90       4368.03       Wellhead       48,610.00         1       3.5"       3.06"       3-1/2" pump out plug (ss)       0.66       4368.93       Contingency (10%)       1,320.20       43,400.60	1															,
1       4.5"       3.06"       -1/2" LTC box x 3-1/2" EUE pin xo (ss       0.44       4363.99       Tubing       49,881.00         1       3.5"       3.06"       3-1/2" pup jt (ss)       3.60       4364.43       Packer       28,921.00         1       3.5"       2.75"       3-1/2" x 2.75" R nipple (ss)       0.90       4368.03       Wellhead       48,610.00         1       3.5"       3.06"       3-1/2" pump out plug (ss)       0.66       4368.93       Contingency (10%)       1,320.20       43,400.60	1						0.75				or & Se	rvice	S		3,365.00	144,667.00
1         3.5"         3.06"         3-1/2" pup jt (ss)         3.60         4364.43         Packer         28,921.00           1         3.5"         2.75"         3-1/2" x 2.75" R nipple (ss)         0.90         4368.03         Wellhead         48,610.00           1         3.5"         3.06"         3-1/2" pump out plug (ss)         0.66         4368.93         Contingency (10%)         1,320.20         43,400.60	1	-														
1         3.5"         2.75"         3-1/2" x 2.75" R nipple (ss)         0.90         4368.03         Wellhead         48,610.00           1         3.5"         3.06"         3-1/2" pump out plug (ss)         0.66         4368.93         Contingency (10%)         1,320.20         43,400.60	1		3.06"	-1/2" LTC I	box x 3-1/2" EU	E pin xo (se	0.44			-						49,881.00
1         3.5"         3.06"         3-1/2" pump out plug (ss)         0.66         4368.93         Contingency (10%)         1,320.20         43,400.60	1	3.5"	3.06"			,	3.60									28,921.00
	1	3.5"	2.75"	3-1/2	" x 2.75" R nipp	le (ss)	0.90									48,610.00
End of tubing         4369.59         Total Costs         14,522.20         477,406.60	1	3.5"	3.06"	3-1/2	2" pump out plug	g (ss)	0.66					%)				
		1	-		End of tubing			4369.59	Total (	Cost	s				14,522.20	477,406.60

# 0000

	BRUINGTON	ENGINEERING, LLC
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BRUIN	IGTO					DAILY V	VUKNU	VER REP	ORT					
Date:	11/1	1/24	Op	erator:	Good	Inight Mid	stream, L	LC We	II Name:	: [		Ryn	o SWD 1	
Field:		San Ar		County:		<u> </u>	Consult		Ronnie M		ter	Phone:		930-0282
Present	Opera	ation:	Te	sting casing	while pul	lling out o	f the hole	e. Co	ntractor	& Rig I	No.:		Mesa Rig	219
Product				7"	Depth:	10,5	556'	Wt.:	26 lb/ft		de:	HCL80		5625'
Tubing (	OD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coupling	: L	тс	Pe	rfs:	4380'	- 5560'
From		0	Hrs											
7:00	-	30	0.5	Arrived at lo					-					
7:30	8:	00	0.5	Rigged up I			-	ured up or	2-7/8" tu	bing to	600 p	si, pressi	ire dropped	l to 100 psi
				in less than	2 min (tu	ubing leak	i).							
8:00	10	:00	2.0	Pulled tubir	ng and pr	essure tes	sted ever	ry 5 stands	(320' av	erage)	(charte	ed).		
10:00	11	:00	1.0	Found leak	in collar	and pin o	n joints 1	5 and 16,	aid down	ı bad jo	ints, p	ulled 4 jo	ints, and for	und leak
				in collar and	d pin on j	oints 9 an	d 10, laio	down ba	l joints, c	ontinue	d to p	ull out of	the hole, re	trieved
				standing va	lve in sea	at nipple,	laid dowr	n HD pack	ər.					
11:00	12	:30	1.5	Picked up a	and made	e up 32A t	ension p	acker and	seat nipp	le, tripp	ed in	hole, picł	ed up 5 nev	w ioints of
11.00	+		1.0	tubing to re		-	-			,		, p.e.		
12.20	1.	00	0.5	Loaded wel	-	-		ith rovoroo	unit nun	nnod th	rough	tubing to	oirculato ai	ir out
12:30			0.5								-	-		
1:00	_	00	1.0	Set packer										
2:00	_	30	0.5	Tested ann		•					· ·	-		narted).
2:30	3:	00	0.5	Released p					rrowset a	at 4340'	to sur	face for 2	23 min to	
				610 psi, pre	essure dro	opped to :	540 psi (e	charted).						
3:00	3:	30	0.5	Tripped in h	nole, tagg	ed Arrow	set pack	er, laid dov	vn 1 joint,	, set tes	t pack	er at 432	5'.	
3:30	3:	45	0.25	Tested belo	ow test pa	acker to 6	00 psi, pi	essure dr	opped to	0 psi in	12 mi	n.		
3:45	4:	15	0.5	Tested ann	ulus abov	ve packer	at 4325'	to surface	to 700 p	si for 24	l min,	held at 7	00 psi (chai	rted).
4:15	_	00	0.75	Released p		-								·
			0.10	pipe rams a										,
				Will continu					morning	r				
				Rig bent 1 j	-		-			-	trip o	naad		
				IRIQ pent I I				own neid s				neen		
				<u> </u>			y, shut u		alety me		i uip s	poou		
				,			g, shut u		alety me			pood		
							g, shut u		aletyme					
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							g, snut u							
							g, snut u							
			10.0											
				g Setting & Bł								ver Cost		
Qty	OD	ID		g Setting & Bł Description		Length	Тор	Intangibles					Daily	Cumulative
-	OD	ID	Tubir	ng Setting & BH Description KB		Length 20.00	Тор	Intangibles	1				Daily	Cumulative
1			Tubir 4-1/2	g Setting & BI Description KB 2 BTC SS TBG	<b>1A</b> HGR	Length 20.00 0.83	<b>Тор</b>	Intangibles Location Rig Mot	n					
-	4.5"	4.0"	Tubir 4-1/2 4-1/2 B	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L	<b>IA</b> HGR TC PIN	Length 20.00	<b>Тор</b> 20.00 20.83	Intangibles Location Rig Mot Rig Day	n				Daily 6,772.00	Cumulative 86,143.00
1			Tubir 4-1/2 4-1/2 B <sup>-</sup> 4-1/2, 1 <sup>-</sup>	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT	HGR TC PIN TC, P700	Length 20.00 0.83	<b>Top</b> 20.00 20.83 23.16	Intangibles Location Rig Mot Rig Day Mud	n					86,143.00
1	4.5"	4.0"	Tubir 4-1/2 4-1/2 B <sup>-</sup> 4-1/2, 1 <sup>-</sup>	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L	HGR TC PIN TC, P700	Length 20.00 0.83 2.33	<b>Top</b> 20.00 20.83 23.16 65.25	Intangibles Location Rig Mok Rig Day Mud Water	n ilization Work					86,143.00
1 1 1	4.5" 4.5"	4.0" 4.0"	Tubir 4-1/2 4-1/2 B 4-1/2, 1' 8' a	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT	HGR TC PIN TC, P700 LTC	Length 20.00 0.83 2.33 42.09	<b>Top</b> 20.00 20.83 23.16 65.25	Intangibles Location Rig Mot Rig Day Mud	n ilization Work					86,143.00
1 1 1 2	4.5" 4.5" 4.5"	4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2,11	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2	HGR HGR TC PIN TC, P700 LTC C, P700	Length 20.00 0.83 2.33 42.09 13.95	<b>Top</b> 20.00 20.83 23.16 65.25 79.20	Intangibles Location Rig Mok Rig Day Mud Water	n ilization Work ng Serv	rices				86,143.00 6,750.00
1 1 1 2 101	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubir 4-1/2 B 4-1/2, 1' 8' ai 4-1/2,11 4-1/2,11	<b>PS Setting &amp; BH</b> <b>Description</b> KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o	Length 20.00 0.83 2.33 42.09 13.95 4260.52	<b>Top</b> 20.00 20.83 23.16 65.25 79.20	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm	n ilization Work ng Serv	rices			6,772.00	86,143.00 6,750.00
1 1 1 2 101 1	4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2	In the second se	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm	n ilization Work ng Serv ent Rent	rices	Workc		6,772.00	
1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06"	Tubir 4-1/2 B 4-1/2, 1 4-1/2, 1 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F	g Setting & Bł Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits	n ilization Work ing Serv ent Rent	rices tals s & Pe	Workc		6,772.00	86,143.00 6,750.00 24,496.00
1 1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 2.81 F 3-	<b>B</b> <b>B</b> <b>B</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>	HGR HGR TC PIN TC PIN TC, P700 LTC C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline	n ilization Work ing Serv ent Rent ole Log Service	rices tals s & Pe	Workd		6,772.00	86,143.00 6,750.00 24,496.00 13,170.00
1 1 2 101 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.89"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 2.81 F 3-	Pg Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip	HGR HGR TC PIN TC PIN TC, P700 LTC C, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product	n ilization Work ing Serv ent Rent Service ion Test	rices tals s & Pe	Workd		6,772.00	86,143.00 6,750.00 24,496.00 13,170.00
1 1 2 101 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N	g Setting & Bł Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub	HGR TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74	Intangibles Location Rig Mok Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimula	n ilization Work ent Rent lole Log Service ion Test ion	rices tals s & Pe	Workd		6,772.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 LTC 7X3-1/2 N 2.81 F 3- 7x3-1/2 N 2.75 R I	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT c box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss pple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.71 4354.88	Intangibles Location Rig Mote Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo	n ilization Work ng Serv ent Rent ole Log Service ion Test ion rtation	rices tals s & Pe	Workd		6,772.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue t	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o DI SS sub pple ss ple 1X w/carbi	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	Top 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervi	n ilization Work ng Serv ent Rent ole Log Service ion Test ion rtation sion	rices tals s & Pe es ting &	Worka		6,772.00 350.00 1,800.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1 <sup>-</sup> 8' a 4-1/2,11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc   7X5x4	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing nip P corvel ID AS 3-1/2 SS Sub anding nipple S pin x3-1/2 eue t ss seal bore ss	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss pple 1X w/carbi SS 3-1/2 pox ss x/o assem	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4355.75	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervi Misc. La	n ilization Work ng Serv ent Rent ole Log Service ion Test ion rtation sion bor & S	rices tals s & Pe es ting &	Worka		6,772.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           4.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	Tubir 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7x3-1/2 N 2.75 R I 4-1/2 Itc   7x5x4 x 5" x 4" du	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT and 6' pup 4-1/2 1.6 lb/ft, J55, LT C box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni I/2 NP riser nip P corvel ID AS 3-1/2 SS Sub Landing nipple S pin x3-1/2 eue to ss seal bore ss al bore Permap	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss ple 1X w/carbi SS 3-1/2 iox ss x/o assem ak packer (	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.50 7.97 4.17 0.87 0.52 0.75 6.97	<b>Top</b> 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4342.74 4355.75 4355.75 4355.27 4355.27	Intangibles Location Rig Mok Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervi Misc. La Tangible	n ilization Work ng Serv ent Rent ole Log Service ion Test ion rtation sion bor & S	rices tals s & Pe es ting &	Worka		6,772.00 350.00 1,800.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00 157,619.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	Tubir 4-1/2 B 4-1/2 B 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 L 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 LTC I 7X5X4 x 5" x 4" du -1/2" LTC I	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT c box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S pin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple ss pple 1X w/carbi SS 3-1/2 box ss x/o assem ak packer ( E pin xo (ss	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	Top 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4355.75 4356.27 4356.27 4356.27 4357.02 4363.99	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervi Misc. La Tangible Tubing	n ilization Work ng Serv ent Rent ole Log Service ion Test ion rtation sion bor & S	rices tals s & Pe es ting &	Worka		6,772.00 350.00 1,800.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00 157,619.00 49,881.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 B' 4-1/2, 1' 4-1/2, 1' 4-1/2, 11 4-1/2 LTC 7X3-1/2 I 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 Itc I 7X5x4 x 5" x 4" du -1/2" LTC I	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S pin x3-1/2 eue t ss seal bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o DI SS sub pple ss ple 1X w/carbi SS 3-1/2 Dox ss x/o assem ak packer ( E pin xo (ss )	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 6.97 0.44 3.60	Top 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervit Misc. La Tangible Tubing Packer	n ilization Work ng Serv ent Rent ole Log Service ion Test ion rtation sion bor & S es	rices tals s & Pe es ting &	Worka		6,772.00 350.00 1,800.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00 157,619.00 49,881.00 28,921.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 4.25" 3.06" 3.06" 2.75"	Tubir 4-1/2 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 N 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 ItC 7X5x4 x 5" x 4" du -1/2" LTC F	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT c box x 3-1/2 EL EUE T2 O/O too 3-1/2 landing ni P corvel ID AS 3-1/2 SS Sub anding nipple S pin x3-1/2 eue t ss seal bore ss al bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss 'x 2.75" R nipp	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple SS 3-1/2 box ss x/o assem ak packer ( E pin xo (ss ) le (ss)	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44 3.60 0.90	Top 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.24 4342.74 4355.75 4355.75 4355.75 4355.27 4357.02 4363.99 4364.43 4368.03	Intangibles Location Rig Mok Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervis Misc. La Tangible Tubing Packer Wellhea	n illization Work ng Serv ent Rent ole Log Service ion Test ion rtation sion bor & S es	rices tals s & Pe ervices	Worka		6,772.00 350.00 1,800.00 12,952.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00 157,619.00 49,881.00 28,921.00 48,610.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 3.5" 4.5" 6.276" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	Tubir 4-1/2 4-1/2 B' 4-1/2, 1' 8' a 4-1/2, 11 4-1/2 LTC 7X3-1/2 N 2.81 F 3- 7X3-1/2 N 2.75 R I 4-1/2 ItC 7X5x4 x 5" x 4" du -1/2" LTC F	g Setting & BH Description KB 2 BTC SS TBG TC PINX4-1/2 L 1.6 lb/ft, J55, LT nd 6' pup 4-1/2 1.6 lb/ft, J55, LT 2 box x 3-1/2 EU EUE T2 O/O too 3-1/2 landing ni 1/2 NP riser nip P corvel ID AS 3-1/2 SS Sub anding nipple S pin x3-1/2 eue t ss seal bore Permap pox x 3-1/2" EU 3-1/2" pup jt (ss	HGR TC PIN TC PIN TC, P700 LTC C, P700 JE SS x/o ol SS sub pple SS 3-1/2 box ss x/o assem ak packer ( E pin xo (ss ) le (ss)	Length 20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 6.97 0.44 3.60	Top 20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4342.74 4355.75 4356.27 4355.75 4356.27 4355.27 4357.02 4363.99 4364.43 4368.03 4368.93	Intangibles Location Rig Mot Rig Day Mud Water Cement Equipm Bits Cased H Wireline Product Stimulat Transpo Supervit Misc. La Tangible Tubing Packer	n ilization Work ing Service ion Test ion rtation sion bor & S es d ency (10	rices tals s & Pe ervices	Worka		6,772.00 350.00 1,800.00	86,143.00 6,750.00 24,496.00 13,170.00 4,415.00 7,075.00 28,800.00 157,619.00 49,881.00 28,921.00

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#### BRUINGTON ENGINEERING, LLC

DRUIN	IGTO	N EN	IGINEE	RING, LLC –			VORKO	VER F	REPO	RT					
Date:	11/1	2/24	Оре	erator:	Goodi	night Mid	stream, L	LC	Well	Name:			Ry	/no SWD 1	
Field:		San Ar		County:	Lea,		Consult		R	onnie N	ЛċW	hirter	Phone	<b>903-</b>	930-0282
Present	-			g in hole with wo						actor	_	-		Mesa Rig	
Product					pth:		556'	Wt.:		lb/ft		Grade:			5625'
Tubing (	OD:	4	-1/2"	<b>Wt:</b> 1	1.6	Grade:	J-55	Coup	ling:	L	ГС		Perfs:	4380'	- 5560'
From	т	0	Hrs												
7:00		00	1.0	Held PJSM with	h crew	vs rigged	l un test t	ruck v	vorked	air out	ofli	nes			
8:00	_	30	0.5	Set packer and			-						nei dronr	ed to 100 psi	(charted
0.00	0.	50	0.5	all tests)			est pack		00 10	1 <b>3</b> 0 m	nute	3, 000	psiulop		
8:30	Q.	00	0.5	Tested annulus	ahov	ve test na	cker at 3	000' fo	r 30 m	inutes	600	nsi he	ald 600 p	si	
9:00		30	0.5	Released pack										51.	
9:30	_	:00	0.5	Set test packer									nsi dron	ned to 400 ns	i
10:00		:30	0.5	Tested annulus			•								
10:00		:00	0.5	Repaired rig.		re lest pa		000 10	1 30 11	mutes,	000	psi, n		51.	
11:00		:30		Released test p	aacko	r and trip	nod out o	fholo	with 1	stand	s to	~1000	1		
			0.5				-							to E20 poi	
11:30		:00	0.5	Set test packer										-	
12:00		:30	0.5	Tested annulus		-						-	eid at 620	psi.	
12:30		00	0.5	Released test p										ad to 500 m '	
1:00		15	0.25	Set test packer			•							•	
1:15		15	1.0	Tested annulus		<b>!</b>						, <u>,</u>			
2:15	3:	30	1.25	Ran 1 joint of tu	ubing	in hole ai	nd set pa	cker at	t 60', re	etest a	nnulı	is for 3	so minute	s to 600 psi, o	ropped to
				580 psi.								<u> </u>			
3:30	4:	00	0.5	Ran 1 stand of	tubing	g in hole a	and set p	acker	at 120	, teste	d anı	nulus f	or 30 min	utes to 600 p	si, held
				600 psi.											
4:00	4:	30	0.5	Released pack	er and	d tripped	out of ho	le with	2 stan	ds of t	ubinę	g, laid o	down 34A	v packer, rack	ed back
				tubing.											
4:30	5:	00	0.5	Closed blind ra	ıms, c	losed val	ves, secu	ured we	ell, shu	t down	for	night.			
				Elements on te	st pac	ker looke	ed good.								
				Casing from ~1	100 ft 1	to surface	e appears	s to eitl	her be	scaled	lupo	or corre	oded and	not allowing	est
				packer to prope	erly se	eal.									
			10.0												
			10.0 Tubin												
Qty	OD	ID		a Setting & BHA				1				Wor	kover Cos	. <b>†</b>	
	-			g Setting & BHA Description		Length	Тор	Intangi	bles			Woi	kover Cos		Cumulative
				g Setting & BHA Description KB		Length 20.00	Тор	Intangi Loca				Woi	kover Cos	t Daily	Cumulative
1				Description	2		-	Loca	tion	zation		Woi	kover Cos		Cumulative
1	4.5"	4.0"	4-1/2	Description KB		20.00	20.00		tion Iobili:			Wor	kover Cos		Cumulative 92,995.00
	4.5" 4.5"		4-1/2 4-1/2 BT	Description KB 2 BTC SS TBG HGR	PIN	20.00 0.83	20.00	Loca Rig N	tion Iobili:			Wor	kover Cos	Daily	
1	-	4.0"	4-1/2 4-1/2 BT 4-1/2, 11	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F	PIN 9700	20.00 0.83 2.33	20.00 20.83 23.16	Loca Rig M Rig D	tion Iobiliz Day W			Wor	kover Cos	Daily	
1	4.5"	4.0" 4.0"	4-1/2 4-1/2 B1 4-1/2, 11 8' ar	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P	PIN 2700	20.00 0.83 2.33 42.09	20.00 20.83 23.16 65.25	Loca Rig M Rig D Mud	tion Iobilii Day W	ork			kover Cos	Daily	92,995.00
1 1 2	4.5" 4.5"	4.0" 4.0" 4.0"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC	PIN 2700 700	20.00 0.83 2.33 42.09 13.95	20.00 20.83 23.16 65.25	Loca Rig N Rig D Mud Wate Cemo	tion Iobili Day W r enting	ork J Serv	ices		kover Cos	Daily	92,995.00
1 1 2 101	4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	4-1/2 B 4-1/2 B 4-1/2, 11 8' ar 4-1/2,11 4-1/2,11	Description           KB           2 BTC SS TBG HGR           TC PINX4-1/2 LTC F           1.6 lb/ft, J55, LTC, P           nd 6' pup 4-1/2 LTC           .6 lb/ft, J55, LTC, P	PIN 2700 700 S x/o	20.00 0.83 2.33 42.09 13.95 4260.52	20.00 20.83 23.16 65.25 79.20	Loca Rig M Rig D Mud Wate Cemo	tion Iobili Day W r enting	ork J Serv	ices		kover Cos	Daily 6,852.00	92,995.00 6,750.00
1 1 2 101 1	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	4-1/2 4-1/2 B1 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E	Description           KB           2 BTC SS TBG HGR           TC PINX4-1/2 LTC F           1.6 lb/ft, J55, LTC, P           nd 6' pup 4-1/2 LTC           .6 lb/ft, J55, LTC, P           .6 lb/ft, J55, LTC, P           .6 lb/ft, J55, LTC, P	PIN 2700 700 S x/o S sub	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72	Loca Rig N Rig D Mud Wate Cemo Equi Bits	tion Aobili Day W r entinç pmen	ork J Serv t Rent	ices als		kover Cos	Daily 6,852.00	92,995.00 6,750.00
1 1 2 101 1 1	4.5" 4.5" 4.5" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F	Description           KB           2 BTC SS TBG HGR           TC PINX4-1/2 LTC F           1.6 lb/ft, J55, LTC, P           nd 6' pup 4-1/2 LTC           .6 lb/ft, J55, LTC, P           box x 3-1/2 EUE S           EUE T2 O/O tool SS	PIN 2700 700 S x/o S sub	20.00 0.83 2.33 42.09 13.95 4260.52 0.62	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case	tion Iobili Day W r enting pmen	ork J Serv t Rent e Log	ices als s &		kover Cos	Daily 6,852.00	92,995.00 6,750.00
1 1 2 101 1 1 1	4.5" 4.5" 4.5" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F = 3-1	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC .6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple	PIN 2700 700 S x/o S sub ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24	Loca Rig M Mud Wate Cema Equi Bits Case Wire	tion Iobili Day W r enting pmen d Hol line S	ork J Serv t Rent e Log ervice	ices als s &	Perf.		Daily 6,852.00	92,995.00 6,750.00 24,846.00
1 2 101 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F = 3-1	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC .6 lb/ft, J55, LTC, P C box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple 1/2 NP riser nipple	PIN 2700 700 S x/o S sub ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wire Prod	tion Iobili Day W r enting pmen d Hol line S uction	ork J Serv t Rent e Log ervice n Test	ices als s &	Perf.		Daily 6,852.00	92,995.00 6,750.00 24,846.00 13,170.00
1 2 101 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 3.5" 3.5" 3.5" 5.875"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F 3-1 7X3-1/2 N	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC .6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple 1/2 NP riser nipple P corvel ID AS1X w	PIN P700 700 S x/o S sub ss //carbi	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim	tion Aobiliz Day W r enting pmen d Hol line S uction ulatio	ork J Serv t Rent e Log ervice n Test n	ices als s &	Perf.		Daily 6,852.00	92,995.00 6,750.00 24,846.00 13,170.00
1 2 101 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           3.5"           3.5"           5.875"           3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F 3-1 7x3-1/2 N 2.75 R L	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC .6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple 1/2 NP riser nipple P corvel ID AS1X w 3-1/2 SS Sub	PIN 2700 700 S x/o S sub ss //carbi -1/2	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans	tion Aobiliz Day W r enting omen d Hol line S uction ulatio sporta	ork J Serv t Rent e Log ervice n Test n ation	ices als s &	Perf.		Daily 6,852.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           3.5"           3.5"           5.875"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F 3 3-1 7X3-1/2 N 2.75 R L 4-1/2 Itc p	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC .6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple 1/2 NP riser nipple P corvel ID AS1X w 3-1/2 SS Sub .anding nipple SS 3	PIN P700 700 S x/o S sub ss /carbi -1/2 s x/o	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4350.71 4354.88	Loca Rig M Rig I Mud Wate Ceme Equi Bits Case Wirel Prod Stime Trans Supe	tion Aobiliz Day W r enting omen d Hol line S uction ulatio sporta rvisio	ork J Serv t Rent e Log ervice n Test n ation	ices als s & s ing	Perf. & BHI		Daily 6,852.00 350.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00 7,075.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2, 11 4-1/2 LTC 7X3-1/2 E 2.81 F 3-1 7X3-1/2 N 2.75 R L 4-1/2 Itc p 7x5x4 s	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P 1.6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple P corvel ID AS1X w 3-1/2 SS Sub Landing nipple SS 3- bin x3-1/2 eue box s	PIN P700 700 S x/o S sub ss //carbi -1/2 ss x/o em	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wirel Prod Stime Trans Supe Misc	tion Aobiliz Day W enting omen d Hol line S uction ulatio sporta sporta crvisic	ork J Serv t Rent e Log ervice n Test n ation	ices als s & s ing	Perf. & BHI		Daily 6,852.00 350.00 1,800.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00 7,075.00 30,600.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F 3-1 7x3-1/2 N 2.75 R L 4-1/2 Itc p 7x5x4 s x 5" x 4" dux	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P 1.6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple 1/2 NP riser nipple P corvel ID AS1X w 3-1/2 SS Sub anding nipple SS 3 bin x3-1/2 eue box s ss seal bore ss asse	PIN P700 700 S x/o S sub ss //carbi -1/2 s x/o em acker (	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang	tion Aobiliz Day W r enting pmen d Hol line S uction ulatio sporta rvisic Labo ibles	ork J Serv t Rent e Log ervice n Test n ation	ices als s & s ing	Perf. & BHI		Daily 6,852.00 350.00 1,800.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00 7,075.00 30,600.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           6.276"           5.9"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2, 11 4-1/2 LTC 7X3-1/2 E 2.81 F 3-1 7X3-1/2 N 2.75 R L 4-1/2 Itc p 7X5X4 s x 5" x 4" dua -1/2" LTC b	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P nd 6' pup 4-1/2 LTC .6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple 1/2 NP riser nipple P corvel ID AS1X w 3-1/2 SS Sub anding nipple SS 3 bin x3-1/2 eue box s ss seal bore ss assessed al bore Permapak p	PIN P700 700 S x/o S sub ss //carbi -1/2 s x/o em acker (	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.74 4342.74 4355.71 4354.88 4355.75 4356.27 4357.02	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi	tion Aobiliz Day W r enting pmen d Hol line S uction ulatio sporta rvisio . Labo ibles ng	ork J Serv t Rent e Log ervice n Test n ation	ices als s & s ing	Perf. & BHI		Daily 6,852.00 350.00 1,800.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00 7,075.00 30,600.00 162,237.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           4.5"           6.276"           5.9"           4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 3.06" 2.99" 3.06" 2.75" 3.06" 4.25" 3.06"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2,11 4-1/2 LTC 7X3-1/2 E 2.81 F 3 3-1 7X3-1/2 N 2.75 R L 4-1/2 Itc p 7X5X4 s x 5" x 4" du: -1/2" LTC E	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P and 6' pup 4-1/2 LTC 6 lb/ft, J55, LTC, P box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple P corvel ID AS1X w 3-1/2 SS Sub anding nipple SS 3 bin x3-1/2 eue box s ss seal bore ss assess al bore Permapak p pox x 3-1/2" EUE pir	PIN P700 700 S x/o S sub ss /carbi -1/2 es x/o em acker ( n xo (ss	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.87 0.52 0.75 6.97 0.44	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wirel Prod Stim Trans Supe Misc Tang Tubi Pack Well	tion Mobiliz Day W enting pmen ed Hol line S uction ulatio sporta rvisic Labo ibles ng er nead	ork J Serv t Rent e Log ervice n Test n ation on or & So	ices als s & ing ervi	Perf. & BHI		Daily 6,852.00 350.00 1,800.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00 7,075.00 30,600.00 162,237.00 49,881.00
1 1 2 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5"           4.5"           4.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           3.5"           4.5"           6.276"           5.9"           4.5"           3.5"	4.0" 4.0" 4.0" 3.06" 3.06" 2.81" 3.06" 2.99" 3.06" 4.25" 4.25" 3.06" 3.06"	4-1/2 4-1/2 BT 4-1/2, 11 8' ar 4-1/2, 11 4-1/2 LTC 7X3-1/2 E 2.81 F 3-1 7X3-1/2 N 2.75 R L 4-1/2 Itc p 7x5x4 s x 5" x 4" dua -1/2" LTC t 3-1/2"	Description KB 2 BTC SS TBG HGR TC PINX4-1/2 LTC F 1.6 lb/ft, J55, LTC, P 1.6 lb/ft, J55, LTC, P 2 box x 3-1/2 EUE S EUE T2 O/O tool SS 3-1/2 landing nipple P corvel ID AS1X w 3-1/2 SS Sub anding nipple SS 3 5 s seal bore ss assess al bore Permapak p pox x 3-1/2" EUE pir 3-1/2" pup jt (ss)	PIN P700 700 S x/o S sub ss //carbi -1/2 ss x/o em acker ( n xo (ss s)	20.00 0.83 2.33 42.09 13.95 4260.52 0.62 1.90 0.50 7.97 4.17 0.52 0.75 0.75 6.97 0.44 3.60	20.00 20.83 23.16 65.25 79.20 4339.72 4340.34 4342.24 4342.24 4342.24 4342.74 4350.71 4354.88 4355.75 4356.27 4357.02 4363.99 4364.43	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi Pack Well Cont	tion Aobiliz Day W enting pmen d Hol line S uction ulatio sporta sporta rvisic Labc ibles ng er nead ingen	y Serv t Rent e Log ervice n Test n ation or & So cy (10	ices als s & ing ervi	Perf. & BHI		Daily 6,852.00 350.00 1,800.00	92,995.00 6,750.00 24,846.00 13,170.00 4,415.00 7,075.00 30,600.00 162,237.00 49,881.00 28,921.00

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BRUINGTON ENGINEER	ING, LLC
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BRUIN					-					RT	-				
Date:	11/1			erator:		night Mid				Name:				no SWD 1	
Field:		an An		County:			Consult			onnie M			Phone		930-0282
Present				ng in hole wi						actor 8				Mesa Rig	
roduct				7"	Depth:		556'	Wt.:		lb/ft		ade:	HCL		5625'
ubing (	OD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling:	LT	С	Ρε	erfs:	4380'	- 5560'
_				1											
From	To		Hrs												
7:00	7:3		0.5	Held PJSM	<u> </u>										
7:30	8:0	00	0.5	Picked up o			-								
8:00	9:0	00	1.0	Tripped in h	ole with	2-7/8" wo	rk string	to Arro	wset p	acker s	et at 4	340'.			
9:00	10:	:30	1.5	Latched ont	o packer	, released	d packer	, and tr	pped o	out of he	ole lay	ing do	wn 2-7/	8" work string	g.
10:30	11:		0.5	Broke down	and load	ded out pa	acker an	d on/of	f, pack	er seals	looke	ed goo	d.		•
11:00	11:		0.5	Waited on F		-			· 1						
11:30	1:0		1.5						pator r	an in h	lo wit	h 6 0"		ring and colla	r locator
11.50	1.0	50	1.5		-										
					of perma	рак раск	er at 436	6' (Wire	line m	easurer	nent),	marke	ed line,	pulled out of	nole with
				gauge ring.											
1:00	2:0	00	1.0	Picked up n	ew AS1>	K packer a	and went	in hole	on wi	reline. S	Set pa	cker a	t 4325' (	(wireline mea	isurement)
				using slow b	ourn chai	rge. Picke	ed up, an	d went	back c	lown, a	nd tag	ged p	acker to	confirm set.	The CCL
	1			~		<u> </u>						• ·		from 4331' to	
				avoid collar.											
0.00			0.5			4 ha	المتعامية الم	and the		4 6 7 1	. la :-! :	tor /1			
2:00	2:3		0.5	Pulled out o			-	-							
2:30	4:0	00	1.5											acker and cas	
				blind rams f	or 30 mir	nutes at 7	′20 psi, p	ressure	e incre	ased to	760 p	si, ret	est for 1	5 minutes 70	)0 psi
				pressure inc	reased t	to 720 psi	i. (Assum	ned the	rmal ef	fects fo	r pres	sure c	hange)		
4:00	5:0	00	1.25	Made up ne	w on/off	tool to bo	ttom of 4	-1/2"	-55. 1	1.60 lb/	t. LTC	). 8R.	P700 lir	ned tubing (pr	revious
														5 minutes, go	
				-		,								5 minutes, ge	
E.4E	6.0	20	0.75		- while h	varataatin				SI. DVIU		e		in ininte at 25	
5:15	6:0	00	0.75			•				, <b>- ,</b>	lorqu	o tann	made u	ıp joints at 25	rpms and
5:15	6:0	00	0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.		torqu		made u	ıp joints at 25	o rpms and
5:15	6:0	00	0.75		orque (o	ptimum).	Ran 10 j	oints to	tal.				made u	ıp joints at 25	rpms and
5:15	6:0	00	0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0	00	0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0		0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.				made u	ıp joints at 25	o rpms and
5:15	6:0		0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0	00	0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0		0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.				made u	ıp joints at 25	o rpms and
5:15	6:0		0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0		0.75	1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0			1620 ft/lbs t	orque (o	ptimum).	Ran 10 j	oints to	tal.					ıp joints at 25	o rpms and
5:15	6:0		11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	ptimum).	Ran 10 j	oints to	tal.						o rpms and
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	nstalled TI	Ran 10 ji W valve	oints to , shut d	tal. own fc				wer Cos	t	
5:15	6:0		11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d	tal. own fc						Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	nstalled TI	Ran 10 ji W valve	oints to , shut d Intangi	tal. own fo	r night				t	
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d Intangi Loca Rig N	tal. own fo	zation				t Daily	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d Intangi Loca Rig N Rig D	tal. own fo	zation				t	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d Intangi Loca Rig M Rig D Mud	bles tion blobiliz	zation				t Daily	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d Intangi Loca Rig N Rig D Mud Wate	bles tion Jobiliz ay W	zation				t Daily	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d Intangi Loca Rig N Rig D Mud Wate	bles tion Jobiliz ay W	zation				t Daily	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d Intangi Loca Rig M Rig C Mud Wate Cem	bles tion lobiliz ay W	zation				t Daily	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , shut d Intangi Loca Rig N Rig D Mud Wate Cemo	bles tion lobiliz ay W	zation ork				t Daily 7,700.00	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , shut d Loca Rig N Rig C Mud Wate Equi Bits	bles tion lobiliz Day W r enting	zation ork	ces	Workd		t Daily 7,700.00	Cumulative
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , shut d Intangi Loca Rig N Rig D Mud Wate Equij Bits Case	bles tion lobiliz bay W r enting oment	zation ork Servic Renta	ces ils	Workd		t Daily 7,700.00 350.00	Cumulative 100,695.0 6,750.0 25,196.0
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , shut d Intangi Loca Rig N Rig D Mud Wate Ceme Equi Bits Case Wirel	bles tion fobiliz bay Wo r enting oment d Holo ine So	zation ork Servit Renta e Logs ervices	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00	Cumulative 100,695. 6,750. 25,196.
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , shut d Intangi Loca Rig N Rig D Mud Wate Cemo Equi Bits Case Wirel Prod	bles tion fobiliz ay Wo r enting oment d Holo ine So uctior	zation ork Services Prvices Testi	ces lls & Pe	Workc		t Daily 7,700.00 350.00	Cumulative 100,695. 6,750. 25,196.
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , s	tal. own fo own fo bles tion fobiliz Day W anting oment oment ine So uctior ulation	zation ork Services e Logs ervices n Testin	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	ints to , shut d , sh	tal. own fo own fo bles tion fobiliz Day Wo r enting oment d Holo ine So uctior ulation sporta	zation ork Servia Renta e Logs prvices n Testi n n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 8,150.0
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	ints to , shut d , sh	tal. own fo own fo bles tion fobiliz Day W anting oment oment ine So uctior ulation	zation ork Servia Renta e Logs prvices n Testi n n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 8,150.0
			11.0	1620 ft/lbs to Closed pipe	orque (o <sub>l</sub> rams, in	Length	Ran 10 ji W valve	oints to , shut d , shut shut , shut d , shut d , shut shut , shut shut , shut shut , shut shut ,	bles tion fobiliz bay Wo r enting oment d Holo ine So uctior ulation sporta rvisio	zation ork Servia Renta e Logs prvices n Testi n n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 8,150.0 32,400.0
				1620 ft/lbs to Closed pipe	A	Length	Ran 10 ji W valve	ints to , shut d , sh	tal. own fo own fo des tion fobiliz bay W enting oment d Hole ine So uction ulation sporta rvisio Labo	zation ork Services N Testin n ttion n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00 1,800.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 8,150.0 32,400.0
Qty	OD	ID	11.0 Tubin	1620 ft/lbs to Closed pipe g Setting & BH Description KB	A A A A A A A A A A A A A A A A A A A	Length 20.00	Top	oints to , shut d , s	tal. own fo own fo bles tion fobiliz bay W anting oment agy W anting oment ine So uctior ulation sporta rvisio Labo ibles	zation ork Services N Testin n ttion n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00 1,800.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 8,150.0 32,400.0
Qty	OD OD OD OD	ID 4.25" 3.06"	11.0 Tubin	1620 ft/lbs to Closed pipe	A A A A A A A A A A A A A A A A A A A	Length 20.00	Top	ints to , shut d , sh	tal. own fo own fo bles tion fobiliz Day Wo r anting oment d Holo ine So uctior ulation sporta rvisio Labo	zation ork Services N Testin n ttion n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00 1,800.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 32,400.0 177,002.0 49,881.0
Qty	OD OD OD OD	ID 	11.0 Tubin	al bore Permapa pox x 3-1/2" EUE	A A A A A A A A A A A A A A A A A A A	Length 20.00	Top	ints to , shut d , sh	tal. own fo own fo dense tion Aobiliz Day Wo r enting oment d Holo ine So uctior ulation sporta rvisio Labo ibles ng er	zation ork Services N Testin n ttion n	ces lls & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00 1,800.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 32,400.0 177,002.0 49,881.0 28,921.0
Qty	OD OD OD S.9" 4.5" 3.5"	ID 4.25" 3.06" 2.75"	11.0 Tubin x 5" x 4" du -1/2" LTC t	1620 ft/lbs to Closed pipe g Setting & BH Description KB	A A A A A A A A A A A A A A	Length 20.00	Top           6.97           7.41           11.01	oints to , shut d , s	tal. own fo own fo dense tion fobiliz bay W for anting oment d Hole ine So uction ulation sporta rvisio Labo ibles ng er nead	zation ork Services Testin n ttion n r & Se	ces ils & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00 1,800.00 14,765.00	Cumulative 100,695.0 6,750.0 25,196.0 20,896.0 6,198.0 32,400.0 177,002.0 49,881.0 28,921.0 48,610.0
Qty	OD OD OD OD	ID 	11.0 Tubin x 5" x 4" du -1/2" LTC t	al bore Permapa pox x 3-1/2" EUE	A A A A A A A A A A A A A A	Length 20.00	Top 6.97 7.41 11.01 11.91	oints to , shut d , s	tal. own fo own fo bles tion fobiliz bay W anting oment d Hold ine So uctior ulation sporta rvisio Labo ibles ng er nead ingen	zation ork Services a Logs ervices a Testin n tion n or & Se	ces ils & Pe	Workc		t Daily 7,700.00 350.00 7,726.00 1,783.00 1,075.00 1,800.00	Cumulative 100,695.0 6,750.0 25,196.0 6,198.0 8,150.0 32,400.0 177,002.0 49,881.0 28,921.0 48,610.0 50,469.9

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#### BRUINGTON ENGINEERING, LLC

	aio		GINEEI	RING, LLC	; <u> </u>		VORKO	VER REPO	RT				
Date:	11/1	4/24	Ope	erator:	Good	Inight Mid	stream, L	LC Well	Name:		Ryno	SWD 1	
Field:		San Ar		County:			Consult		Ronnie M	cWhirter	Phone:		930-0282
Present				aiting on pu						Rig No.:		Mesa Rig	
Production				7"	Depth:		556'		6 lb/ft	Grade:	HCL80		5625'
Tubing C			-1/2"	Wt:	11.6	Grade:	J-55	Coupling:	LT	С Р	Perfs:	4380'	- 5560'
									•		•		
From	Т	o	Hrs										
7:00	7:	30	0.5	Held PJSM	l with all c	rews.							
7:30	8:	00	0.5	Rigged up	Monahan	s test truc	ck. tested	casing and	packer t	o 700 psi fa	or 30 minut	tes (aood te	est).
8:00		30	0.5					ged up Steal	-	-			
8:30		00	8.5					t, LTC, 8R, I			)' testing o	ach ioint to	5000 pei
0.30	<u> </u>	00	0.0					eleased from					
						раскега	14325,10	eleased from	граскег	and measu	area for spa	ace out, sho	
				pups for lar	<u> </u>								
5:00	6:	00	1.0	Reverse ci	rculated v	vith 100 b	bls of pa	cker fluid an	d brine w	/ater. Secu	red well ar	nd shut dow	n for night.
				Sent 150 jo	oints of 2-	7/8" tubin	g (work s	string) back t	o Kight o	il tools in C	Odessa		
				Pup joints s					-				
			11.0										
				g Setting & Bl	НА	Lopett		Intensibles		Work	kover Cost	Daily	Cumulativa
	OD	ID		Description	HA	Length	Тор	Intangibles		Work	kover Cost	Daily	Cumulative
	OD	ID			HA	Length 20.00	Тор	Location		Work	kover Cost	Daily	Cumulative
	OD	ID		Description	HA		Тор	Location Rig Mobil		Work	cover Cost		
	OD	ID		Description	HA		Тор	Location Rig Mobil Rig Day V		Worł	kover Cost	Daily 7,800.00	Cumulative 108,495.00
	OD	ID		Description	HA		Тор	Location Rig Mobil Rig Day V Mud		Work	kover Cost		108,495.00
Qty	OD	ID		Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water	/ork		cover Cost		
Qty	OD	ID		Description	HA		Тор	Location Rig Mobil Rig Day V Mud	/ork		xover Cost		108,495.00
Qty	OD	ID		Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water	/ork g Servie	Ces	<pre></pre>		108,495.00
Qty	OD			Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin	/ork g Servie	Ces	cover Cost	7,800.00	108,495.00 6,750.00
Qty	OD	ID		Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits	/ork g Servie nt Renta	ces Ils	cover Cost	7,800.00	108,495.00 6,750.00
Qty	OD			Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho	/ork g Servie nt Renta le Logs	ces ils & Perf.	xover Cost	7,800.00	108,495.00 6,750.00 25,546.00
Qty	OD			Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S	ork g Servio nt Renta le Logs Services	ces Ils & Perf.		7,800.00	108,495.00 6,750.00 25,546.00 20,896.00
Qty	OD			Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio	g Servia ot Renta le Logs Services n Testia	ces Ils & Perf.		7,800.00	108,495.00 6,750.00 25,546.00 20,896.00
Qty	OD			Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio	york g Servic at Renta le Logs Gervices n Testin on	ces Ils & Perf.		7,800.00	108,495.00 6,750.00 25,546.00 20,896.00 7,090.00
Qty	OD			Description	HA		Top	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio	g Servio nt Renta le Logs Services n Testin on cation	ces Ils & Perf.		7,800.00 350.00 892.00	108,495.00 6,750.00 25,546.00 20,896.00 7,090.00 8,150.00
Qty	OD			Description	HA		Тор	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transports	york g Servid It Renta le Logs Services n Testin on sation on	ces Ils & Perf. S ng & BHP		7,800.00 350.00 892.00 1,800.00	108,495.00 6,750.00 25,546.00 20,896.00 7,090.00 8,150.00 34,200.00
Qty	OD			Description KB			Top	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transport Supervisi Misc. Lab	york g Servic at Renta le Logs Gervices n Testin on cation on or & Se	ces Ils & Perf. S ng & BHP		7,800.00 350.00 892.00	108,495.00 6,750.00 25,546.00 20,896.00 7,090.00 8,150.00 34,200.00
Qty	OD 			Description			Top	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transports	york g Servic at Renta le Logs Gervices n Testin on cation on or & Se	ces Ils & Perf. S ng & BHP		7,800.00 350.00 892.00 1,800.00	108,495.00 6,750.00 25,546.00 20,896.00 7,090.00 8,150.00 34,200.00
		4.25"	Tubin	Description KB	Dak packer (	20.00		Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transport Supervisi Misc. Lab	york g Servic at Renta le Logs Gervices n Testin on cation on or & Se	ces Ils & Perf. S ng & BHP		7,800.00 350.00 892.00 1,800.00	108,495.00 6,750.00 25,546.00
	5.9"	4.25"	Tubin	Description         KB	Dak packer ( JE pin xo (se	20.00	6.97	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transport Supervisi Misc. Lab Tangibles	york g Servic at Renta le Logs Gervices n Testin on cation on or & Se	ces Ils & Perf. S ng & BHP		7,800.00 350.00 892.00 1,800.00	108,495.00 6,750.00 25,546.00 7,090.00 8,150.00 34,200.00 190,552.00
	5.9"	4.25" 3.06"	Tubin	Description         KB         Image: state	Dak packer ( JE pin xo (ss s)	20.00	6.97 7.41	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transport Supervisi Misc. Lab Tangibles Tubing Packer	york g Servic at Renta le Logs Gervices n Testin on cation on or & Se	ces Ils & Perf. S ng & BHP		7,800.00 350.00 892.00 1,800.00	108,495.00 6,750.00 25,546.00 7,090.00 8,150.00 34,200.00 190,552.00 49,881.00 28,921.00
	5.9" 4.5" 3.5"	4.25" 3.06" 2.75"	Tubin	All bore Permap Description KB All bore Permap Dox x 3-1/2" EU 3-1/2" pup jt (se ' x 2.75" R nipp	pak packer ( JE pin xo (ss s) ple (ss)	20.00	6.97 7.41 11.01	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transport Supervisi Misc. Lab Tangibles Tubing Packer Wellhead	g Servie at Renta le Logs ervices on Testin on cation or & Se	ces Ils & Perf. S ng & BHP rvices		7,800.00 350.00 892.00 1,800.00 13,550.00	108,495.00 6,750.00 25,546.00 7,090.00 8,150.00 34,200.00 190,552.00 49,881.00 28,921.00 48,610.00
	5.9" 4.5" 3.5"	4.25" 3.06"	Tubin	Description         KB         Image: state	Dak packer ( DE pin xo (ss s) Die (ss) g (ss)	20.00	6.97 7.41 11.01 11.91	Location Rig Mobil Rig Day V Mud Water Cementin Equipmer Bits Cased Ho Wireline S Productio Stimulatio Transport Supervisi Misc. Lab Tangibles Tubing Packer	g Servie at Renta le Logs Services in Testin on cation or & Se	ces Ils & Perf. S ng & BHP rvices		7,800.00 350.00 892.00 1,800.00	108,495.00 6,750.00 25,546.00 7,090.00 8,150.00 34,200.00 190,552.00 49,881.00 28,921.00

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BRUINGTON ENGINEERING, LL	_C
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	IGTO	NEN	GINEEI	RING, LLC	· .	DAILY V	VORKO	VER F	REPORT						
Date:	11/1	5/24	Ope	erator:		night Mid			Well Nam	e:		Rvno	SWD 1		
Field:		San Ar		County:	Lea,		Consult			e McWhi	rter	Phone:		930-0282	
Present					cheduled				Contracto				Mesa Rig		
Producti			OD:	7"	Depth:		556'	Wt.:	26 lb/ft		ade:	HCL80		5625'	
Tubing C			-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling:	LTC	Pe	erfs:	4380'	- 5560'	
From	-	o	Hrs												
7:00	10	:30	3.5	Waited on	4-1/2", 11	.60 lb/ft, .	J-55, LTC	C, 8R, I	PC pup joi	nts.					
10:30	11	:00	0.5	Made up 10	0', 8', 8', a	nd 6' pup	joints to	space	out tubing	. Landeo	l tubing	g in 30k lb	s compres	sion.	
11:00	11:30		0.5	Rigged dov	wn Byrd p	ower tong	s, lay do	wn ma	chine, and	torque tu	urn.				
11:30	2:	00	2.5	Nippled dov	Nippled down BOPs, rigged down Mesa workover rig and moved off hole. Nippled up injection tree										
				and flowline, tested flanges to 3000 psi with Encore wellhead tech, good test.											
2:00	2:	30	0.5	Rigged up Renegade slick line truck, ran in hole and retrieved 2.81" F plug, pulled out of hole and											
				rigged dow			,					0/1			
2:30	<u>Δ</u> .	00	1.5	Rigged up			k nerfor	med a	nulus test	on casir	a to 50	)0 nsi for	1 hour doo	nd test	
2.50		00	1.5				-				-	-		ntral time to	
											· ·		.50 ani cei		
				meet with C	-										
	<b> </b>			Left 6 joints						÷ ,	amage	d tube be	ow collar a	nd 1 no	
				drift with hy	/dro testei	r), and 6	oup joints	s on ed	ge of locat	ion.					
	1														
			9.0												
			9.0 Tubin	a Setting & Bl							Workc	over Cost			
				g Setting & Bl Description	HA	Length	Тор	Intanoi	bles		Workc	over Cost	Daily	Cumulative	
Qty	OD	ID			HA	Length 20.00	Тор	Intangi			Workc	over Cost	Daily	Cumulative	
		ID	Tubin	Description KB		20.00		Loca	tion		Workc	over Cost	Daily	Cumulative	
1	4.5"		<b>Tubin</b> 4-1/2	Description KB BTC TBG HG	R (ss)	20.00 0.80	20.00	Loca Rig M	tion Iobilizatio	on	Workc	over Cost			
1	4.5" 4.5"	4.0"	Tubin 4-1/2 4-1/2 BT	Description KB BTC TBG HG C PIN x 4-1/2	R (ss) LTC PIN	20.00 0.80 2.40	20.00	Loca Rig M Rig D	tion	Dn	Workc	over Cost	Daily 7,800.00		
1 1 1	4.5" 4.5" 4.5"	4.0" 4.0"	Tubin 4-1/2 4-1/2 BT 4-1/2, 1	<b>Description</b> KB BTC TBG HG C PIN x 4-1/2 I.6 lb/ft, J55, LT	R (ss) LTC PIN TC, P700	20.00 0.80 2.40 42.20	20.00 20.80 23.20	Loca Rig M Rig D Mud	tion Iobilizatio Day Work	Dn	Workc	over Cost		116,295.00	
1 1 1 4	4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0"	Tubin 4-1/2 4-1/2 BT 4-1/2, 1 <sup>-1</sup> 10	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L1           '8' 8' 6' 4-1/2 L	R (ss) LTC PIN TC, P700 .TC	20.00 0.80 2.40 42.20 32.40	20.00 20.80 23.20 65.40	Loca Rig N Rig D Mud Wate	tion Iobilizatio Day Work r		Workc	over Cost		116,295.00	
1 1 1 4 100	4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubin 4-1/2 BT 4-1/2, 11 4-1/2, 11 10 4-1/2, 11	Description KB BTC TBG HG C PIN x 4-1/2 I 1.6 lb/ft, J55, L <sup>-</sup> ' 8' 8' 6' 4-1/2 L 1.6 lb/ft, J55, L <sup>-</sup>	R (ss) LTC PIN TC, P700 .TC TC, P700	20.00 0.80 2.40 42.20 32.40 4221.42	20.00 20.80 23.20 65.40 97.80	Loca Rig N Rig D Mud Wate Cemo	tion Iobilizatio Day Work r enting Se	rvices	Workc	over Cost	7,800.00	116,295.00 6,750.00	
1 1 1 4 100 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubin 4-1/2 BT 4-1/2,11 4-1/2,11 4-1/2,11 4-1/2,11	Description           KB           BTC TBG HGI           C PIN x 4-1/2           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           : box x 3-1/2 EL	R (ss) LTC PIN TC, P700 .TC TC, P700 JE x/o (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62	20.00 20.80 23.20 65.40 97.80 4319.22	Loca Rig M Rig D Mud Wate Cemo Equi	tion Iobilizatio Day Work r	rvices	Workc	over Cost		116,295.00 6,750.00	
1 1 1 4 100	4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0"	Tubin 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L1           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, L1           : box x 3-1/2 EU           /off tool with 2.	R (ss) LTC PIN TC, P700 .TC TC, P700 JE x/o (ss) 81" F (ss)	20.00 0.80 2.40 42.20 32.40 4221.42	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84	Loca Rig N Rig D Mud Wate Cem Equi Bits	tion Iobilizatio Day Work r enting Se oment Re	rvices ntals		over Cost	7,800.00	116,295.00 6,750.00	
1 1 1 4 100 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5"	4.0" 4.0" 4.0" 4.0" 3.06"	Tubin 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on	Description           KB           BTC TBG HGI           C PIN x 4-1/2           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           : box x 3-1/2 EL	R (ss) LTC PIN TC, P700 .TC TC, P700 JE x/o (ss) 81" F (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84	Loca Rig N Rig D Mud Wate Cem Equi Bits	tion Iobilizatio Day Work r enting Se	rvices ntals		over Cost	7,800.00	116,295.00 6,750.00	
1 1 1 4 100 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7"	4.0" 4.0" 4.0" 3.06" 2.81"	Tubin 4-1/2 4-1/2 BT 4-1/2, 1* 10 4-1/2, 1* 4-1/2 LTC 3-1/2" on 7" AS1	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L1           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, L1           : box x 3-1/2 EU           /off tool with 2.	R (ss) LTC PIN TC, P700 .TC TC, P700 JE x/o (ss) 81" F (ss) wet flow	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case	tion Iobilizatio Day Work r enting Se oment Re	rvices ntals ogs & Po		over Cost	7,800.00	116,295.00 6,750.00 27,546.00	
1 1 1 4 100 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99"	Tubin 4-1/2 4-1/2 BT 4-1/2, 1 <sup>-1</sup> 10 4-1/2, 1 <sup>-1</sup> 4-1/2 LTC 3-1/2" on 7" AS1 7" /	Description           KB           BTC TBG HG           C PIN x 4-1/2           I.6 lb/ft, J55, L <sup>-1</sup> I.8 8' 6' 4-1/2 L           I.6 lb/ft, J55, L <sup>-1</sup> box x 3-1/2 EL           /off tool with 2.           X, NC, W/SS v	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24	Loca Rig M Mud Wate Cemu Equi Bits Case Wire	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo	rvices ntals ogs & Po ces	erf.	over Cost	7,800.00	116,295.00 6,750.00 27,546.00 24,896.00	
1 1 4 100 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99"	Tubin 4-1/2 BT 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1/2" on 7" AS1	Description KB BTC TBG HG C PIN x 4-1/2 I 1.6 lb/ft, J55, L <sup>-1</sup> ' 8' 8' 6' 4-1/2 L 1.6 lb/ft, J55, L <sup>-1</sup> : box x 3-1/2 EU /off tool with 2. X, NC, W/SS w AS1X BTM of F	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74	Loca Rig M Rig D Mud Wate Cemo Equi Bits Case Wire Prod	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo line Servi	rvices ntals ogs & Po ces	erf.	over Cost	7,800.00 2,000.00 4,000.00	116,295.00 6,750.00 27,546.00 24,896.00	
1 1 1 4 100 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 7" 7" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 2.99" 3.06"	Tubin 4-1/2 BT 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1/2" on 7" AS1	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 EL           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           I/2" TBG SUB (	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.17	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91	Loca Rig M Rig C Mud Wate Cem Equi Bits Case Wire Prod Stim	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo ine Servi uction Te ulation	rvices ntals ogs & Po ces sting &	erf.	over Cost	7,800.00 2,000.00 4,000.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00	
1 1 1 4 100 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 7" 7" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 2.99" 3.06"	Tubin 4-1/2 BT 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1/2" on 7" AS1	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 EL           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           I/2" TBG SUB (	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.17	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation	rvices ntals ogs & Po ces sting &	erf.	over Cost	7,800.00 2,000.00 4,000.00 4,992.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00 8,150.00	
1 1 1 4 100 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 7" 7" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 2.99" 3.06"	Tubin 4-1/2 BT 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1/2" on 7" AS1	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 EL           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           I/2" TBG SUB (	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.17	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91	Loca Rig M Rig I Mud Wate Cema Equi Bits Case Wirel Prod Stime Trans Supe	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation rvision	rvices ntals ogs & Po ces sting & n	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00 1,800.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00 8,150.00 36,000.00	
1 1 4 100 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 3.06" 2.75"	Tubin 4-1/2 BT 4-1/2 BT 4-1/2, 11 4-1/2, 11 4-1/2 LTC 3-1/2" on 7" AS1 7" , 3-1 2	Description           KB           BTC TBG HG           GTC PIN x 4-1/2           1.6 lb/ft, J55, LT           '8'8'6'4-1/2 L           1.6 lb/ft, J55, LT           'box x 3-1/2 EL           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           I/2" TBG SUB (           .75" R nipple (s	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss) ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.50 4.17 0.87	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91 4334.78	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wirel Prod Stimu Trans Supe Misc	tion Aobilizatio Day Work r enting Se oment Re d Hole Lo ine Servi uction Te ulation sportation rvision . Labor &	rvices ntals ogs & Po ces sting & n	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00 8,150.00 36,000.00	
1 1 1 4 100 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 3.5" 3.5" 5.9"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 3.06" 2.75" 4.25"	Tubin 4-1/2 BT 4-1/2 IT 4-1/2, 1 <sup>-1</sup> 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1 2 2 2	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L1           '8'8'6'4-1/2 L           1.6 lb/ft, J55, L1           :6 lb/ft, J55, L1           :75 R NJ           :75 R nipple (s           :6 lb/ft           :75 R nipple           :6 lb/ft           :6 lb/ft           :75 R nipple           :6 lb/ft           :75 R nipple	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss) ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.50 4.17 0.87	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4329.74 4333.91 4334.78	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wire Prod Stim Trans Supe Misc Tang	tion Iobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation rvision . Labor & ibles	rvices ntals ogs & Po ces sting & n	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00 1,800.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00 8,150.00 36,000.00 204,667.00	
1 1 1 4 100 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 3.5" 3.5" 3.5" 5.9" 4.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 2.99" 3.06" 2.75" 4.25" 3.06"	Tubin 4-1/2 4-1/2 BT 4-1/2, 1 <sup>-1</sup> 4-1/2, 1 <sup>-1</sup> 4-1/2 LTC 3-1/2" on 7" AS1 7" , 3-1 2 2	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L <sup>-1</sup> '8'8'6'4-1/2 L           1.6 lb/ft, J55, L <sup>-1</sup> '8'8'6'4-1/2 L           1.6 lb/ft, J55, L <sup>-1</sup> '8'8'6'4-1/2 L           .6 lb/ft, J55, L <sup>-1</sup> '8'8'6'4-1/2 L           .6 lb/ft, J55, L <sup>-1</sup> :box x 3-1/2 EL           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           1/2" TBG SUB (           .75" R nipple (s           al bore Permap           pxx x 3-1/2" EU	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss) SS) Dak packer ( JE pin xo (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.50 4.17 0.87 6.97 0.44	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91 4334.78 4357.02 4363.99	Loca Rig M Rig I Mud Wate Cem Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation rvision Labor & ibles	rvices ntals ogs & Po ces sting & n	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00 1,800.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00 8,150.00 36,000.00 204,667.00 49,881.00	
1 1 1 4 100 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 3.5" 3.5" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 3.06" 2.75" 4.25" 3.06" 3.06"	Tubin 4-1/2 4-1/2 BT 4-1/2, 1 <sup>-1</sup> 4-1/2, 1 <sup>-1</sup> 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1 2 x 5" x 4" du -1/2" LTC k	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L <sup>-1</sup> '8'8' 6' 4-1/2 L           1.6 lb/ft, J55, L <sup>-1</sup> '8'8' 6' 4-1/2 L           1.6 lb/ft, J55, L <sup>-1</sup> '8'8' 6' 4-1/2 L           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           I/2" TBG SUB (           75" R nipple (s           al bore Permap           pox x 3-1/2" EU           3-1/2" pup jt (ss	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss) PKR (ss) Ss) Dak packer ( JE pin xo (ss) Ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.17 0.87 6.97 0.44 3.60	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91 4334.78 4357.02 4363.99 4364.43	Loca Rig M Rig I Mud Wate Cema Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi Pack	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation rvision Labor & ibles ng er	rvices ntals ogs & Po ces sting & n	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00 1,800.00	116,295.00 6,750.00 27,546.00 24,896.00 12,082.00 8,150.00 36,000.00 204,667.00 49,881.00 28,921.00	
1 1 1 4 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 3.5" 3.5" 5.9" 4.5" 3.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 3.06" 2.75" 4.25" 3.06" 3.06" 2.75"	Tubin 4-1/2 BT 4-1/2, 1 <sup>-1</sup> 4-1/2, 1 <sup>-1</sup> 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1 2 x 5" x 4" du -1/2" LTC h 3-1/2"	Description           KB           BTC TBG HG           GTC PIN x 4-1/2 I           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           1.6 lb/ft, J55, LT           '8' 8' 6' 4-1/2 L           /0ff tool with 2.           X, NC, W/SS v           AS1X BTM of F           /2" TBG SUB (           .75" R nipple (s           al bore Permap           xx 3-1/2" EU           3-1/2" pup jt (se           'x 2.75" R nipp	R (ss) LTC PIN TC, P700 TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss) ss) pak packer ( JE pin xo (ss s) ble (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.50 4.17 0.87 6.97 0.44 3.60 0.90	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4329.74 4333.91 4334.78 4357.02 4363.99 4364.43 4368.03	Loca Rig M Rig C Mud Wate Cemo Equi Bits Case Wirel Prod Stim Trans Supe Misc Tang Tubi Pack Well	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation sportation tabor & ibles ng er nead	rvices ntals ogs & Po ces sting & n Service	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00 1,800.00 14,115.00	116,295.00 6,750.00 27,546.00 22,896.00 12,082.00 8,150.00 36,000.00 204,667.00 49,881.00 28,921.00 48,610.00	
1 1 1 4 100 1 1 1 1 1 1 1 1 1 1 1 1 1	4.5" 4.5" 4.5" 4.5" 4.5" 4.5" 7" 7" 7" 3.5" 3.5" 5.9" 4.5" 3.5"	4.0" 4.0" 4.0" 3.06" 2.81" 2.99" 3.06" 2.75" 4.25" 3.06" 3.06"	Tubin 4-1/2 BT 4-1/2, 1 <sup>-1</sup> 4-1/2, 1 <sup>-1</sup> 4-1/2 LTC 3-1/2" on 7" AS1 7" / 3-1 2 x 5" x 4" du -1/2" LTC h 3-1/2"	Description           KB           BTC TBG HG           C PIN x 4-1/2 I           1.6 lb/ft, J55, L <sup>-1</sup> '8'8' 6' 4-1/2 L           1.6 lb/ft, J55, L <sup>-1</sup> '8'8' 6' 4-1/2 L           1.6 lb/ft, J55, L <sup>-1</sup> '8'8' 6' 4-1/2 L           /off tool with 2.           X, NC, W/SS v           AS1X BTM of F           I/2" TBG SUB (           75" R nipple (s           al bore Permap           pox x 3-1/2" EU           3-1/2" pup jt (ss	R (ss) LTC PIN TC, P700 .TC TC, P700 JE x/o (ss) 81" F (ss) wet flow PKR (ss) ss) Dak packer ( IE pin xo (ss s) Dak packer ( IE pin xo (ss s) g (ss)	20.00 0.80 2.40 42.20 32.40 4221.42 0.62 1.90 3.50 4.50 4.17 0.87 6.97 0.44 3.60	20.00 20.80 23.20 65.40 97.80 4319.22 4319.84 4321.74 4325.24 4325.24 4329.74 4333.91 4334.78 4357.02 4363.99 4364.43 4368.03 4368.93	Loca Rig M Rig I Mud Wate Cemo Equi Bits Case Wire Prod Stim Trans Supe Misc Tang Tubi Pack Well Cont	tion Mobilizatio Day Work r enting Se oment Re oment Re d Hole Lo ine Servi uction Te ulation sportation rvision Labor & ibles ng er	rvices ntals ogs & Po ces sting & n Service	erf. BHP		7,800.00 2,000.00 4,000.00 4,992.00 1,800.00	Cumulative 116,295.00 6,750.00 27,546.00 27,546.00 22,546.00 12,082.00 8,150.00 204,667.00 204,667.00 49,881.00 28,921.00 48,610.00 56,379.80 620,177.80	

San Antonio 210-828-8117 Fax 210-828-5274 8620 N. New Braunfels, Suite 315 San Antonio, Texas 78217

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### BRUINGTON ENGINEERING, LLC

BRUIN	IGIO	NEN	GINEE	RING, LLC		DAILY V	VORKO	VER R	EPOF	۲۲					
Date:	11/1	8/24	Ope	erator:	Good	night Mid	stream, L	LC	Well N	lame:			Ryno	SWD 1	
Field:		San An		County:			Consult		Ro	nnie M	cWhirte	er P	hone:		930-0282
Present	Opera	ation:		Turned w	ell over				Contr	actor 8	Rig N	o.:		Mesa Rig	219
Producti				7" [	Depth:	10,	556'	Wt.:		lb/ft	Gra		HCL80		5625'
Tubing C	DD:	4	-1/2"	Wt:	11.6	Grade:	J-55	Coup	ling:	LT	C	Perf	s:	4380'	- 5560'
From	Т		Hrs												
8:00	10	:00	2.0	Drove to loca			-								
				Conducted N						-			-		) psi.
				A valve on th			0	0							
				Tubing press				-				asing de	own bet	fore test.	
				Bled down in less than a minute, burped fluid for 30 minutes.											
				Turned well over to Goodnight Midstream, left location, and drove home.											
			2.0												
			2.0	g Setting & BHA								Markova	r. Coot		
Qty	OD	ID	TUDIN	Description	۰ ا	Length	Тор	Intangil	hlee			Workove	UOST	Daily	Cumulative
				KB		20.00	тор	Locat						Daily	Junualive
1	4.5"		/ 1/0	BTC TBG HGR	(22)	0.80	20.00	Rig N		ation					
1	4.5	4.0"		C PIN x 4-1/2 LT	、 <i>,</i>	2.40		Rig D							116 205 00
· · · · · · · · · · · · · · · · · · ·	4.5" 4.5"		-	1.6 lb/ft, J55, LTC	-			Mud	ay vv						116,295.00
1		4.0"		' 8' 8' 6' 4-1/2 LTC		42.20		Wate	r						6 750 00
4	4.5"	4.0"				32.40				Ser. :					6,750.00
100	4.5"	4.0"		1.6 lb/ft, J55, LTC		4221.42				Servi				450.00	07 000 00
1	4.5"	3.06"		box x 3-1/2 EUE	, ,	0.62			ment	Renta	115			150.00	27,696.00
1	7"	2.81"		off tool with 2.81	. ,	1.90	4319.84				0 -				
1	7"	2.99"		X, NC, W/SS we		3.50				E Logs		1.			
1	7"	2.99"		AS1X BTM of PK		4.50				ervices					24,896.00
1	3.5"	3.06"		1/2" TBG SUB (ss	,	4.17				Testi	ng & E	SHP		1,500.00	13,582.00
1	3.5"	2.75"	2	.75" R nipple (ss)		0.87	4333.91								
							4334.78		-						8,150.00
									rvisio					1,800.00	37,800.00
										r & Se	rvices				204,667.00
1	5.9"	4.25"	x 5" x 4" du	al bore Permapal	k packer (	6.97	4357.02	Tang	ibles						
1	4.5"	3.06"	-1/2" LTC k	box x 3-1/2" EUE	pin xo (ss	0.44	4363.99	Tubir	ng						49,881.00
1	3.5"	3.06"	;	3-1/2" pup jt (ss)		3.60	4364.43	Pack	er						28,921.00
1	3.5"	2.75"	3-1/2'	' x 2.75" R nipple	(ss)	0.90	4368.03								48,610.00
1	3.5"	3.06"	3-1/2	?" pump out plug (	(ss)	0.66	4368.93	Conti	ngene	cy (109	%)			345.00	56,724.80
				End of tubing			4369.59			<u> </u>	,			3,795.00	623,972.80
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