



BASIN SERVICES, LLC
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TICKET

TICKET NUMBER: WY-138-1
 TICKET DATE: 10/21/2013

ELECTRONIC

SANDRIDGE ENERGY
 ***** BILL IN ADP!! *****
 123 ROBERT S KERR AVE
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK
 LEASE: Ann 3404
 WELL#: 2-21H
 RIG #: Horizon 15
 Co/St: HARPER, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
10/20-21/2013 DRILLED 30" CONDUCTOR HOLE			
10/20-21/2013 20" CONDUCTOR PIPE (.250 WALL)			
10/20-21/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING			
10/20-21/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN			
10/20-21/2013 DRILLED 20" MOUSE HOLE (PER FOOT)			
10/20-21/2013 16" CONDUCTOR PIPE (.250 WALL)			
10/20-21/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
10/20-21/2013 WELDING SERVICES FOR PIPE & LIDS			
10/20-21/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
10/20-21/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
10/20-21/2013 8 YDS OF 10 SACK GROUT			
10/20-21/2013 TAXABLE ITEMS			5,280.00
10/20-21/2013 BID - TAXABLE ITEMS			11,670.00
		Sub Total:	16,950.00
		Tax HARPER COUNTY (6.15 %):	324.72
		TICKET TOTAL:	\$ 17,274.72

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature _____

RECEIVED

NOV 4 2013

Schlumberger

REGULATORY DEPT
SANDRIDGE ENERGY

Cementing Service Report

Customer Sandridge				Job Number 1868367						
Well Ann 3404 2-21h 3404 - 1-21H			Location (legal)			Schlumberger Location		Job Start Oct/31/2013		
Field		Formation Name/Type		Deviation deg	Bit Size 12.3 in	Well MD ft		Well TVD 525.0 ft		
County Sumner		State/Province Kansas		BHP psi	BHST degF	BHCT degF	Pore Press. Gradient lb/gal			
Well Master 0631505969		API/UWI 15191227100100			Casing/Liner					
Rig Name Horizon 15	Drilled For Oil & Gas	Service Via Land		Depth, ft	Size, in	Weight, lb/ft	Grade	Thread		
Offshore Zone	Well Class New	Well Type Exploration			518.0	9.6	36.0	8 rd		
Drilling Fluid Type	Max. Density lb/gal	Plastic Viscosity cP			0.0	0.0	0.0			
Service Line Cementing	Job Type 9 5/8 Surface			Tubing/Drill Pipe						
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection			T/D	Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Service Instructions Provide services, equipment, materials and personnel to safely cement 9 5/8" surface casing per customer request. Pump 10 bbl water, 200 sks 35:65 Poz:C @ 12.40 ppg, 120 sks Class C @ 14.80 ppg, drop top plug and displace per client specifications.				Perforations/Open Hole						
				Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft		
				ft	ft			Diameter in		
				ft	ft					
				Treat Down Casing	Displacement 37.0 bbl	Packer Type	Packer Depth ft			
				Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl			
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools			Squeeze Job			
Lift Pressure 210 psi		Pipe Rotated <input type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>		Shoe Type Guide	Shoe Depth 518.0 ft	Squeeze Type Tool Type		
No. Centralizers		Top Plugs 1	Bottom Plugs	Stage Tool Type		Stage Tool Depth ft	Tool Depth ft			
Cement Head Type Single		Arrived on Location Oct/31/2013		Leave Location Oct/31/2013		Collar Type Float	Collar Depth 473.0 ft	Tail Pipe Size in		
Job Scheduled For Oct/31/2013		Arrived on Location Oct/31/2013		Leave Location Oct/31/2013		Collar Type Float	Collar Depth 473.0 ft	Tail Pipe Depth ft		
Collar Depth 473.0 ft		Sqz. Total Vol. bbl								
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message				
10/31/2013	03:22:53	-2	0.2	8.45	0.0	Started Acquisition				
10/31/2013	03:22:59	-1	0.2	8.45	0.0	Start Job				
10/31/2013	03:23:00	-1	0.2	8.45	0.0	Start Pumping Wash				
10/31/2013	03:25:03	-1	0.1	8.46	0.3					
10/31/2013	03:27:13	-2	0.1	8.46	0.5					
10/31/2013	03:29:23	64	2.3	8.46	1.3					
10/31/2013	03:31:33	1379	0.1	8.45	3.1					
10/31/2013	03:33:43	9	0.0	8.46	3.3	Pressure Test Lines				
10/31/2013	03:35:53	98	4.4	8.45	8.5					
10/31/2013	03:37:10	130	4.4	10.91	14.2	Reset Total, Vol = 10.04 bbl				
10/31/2013	03:37:13	139	4.5	11.20	14.4	End Wash				
10/31/2013	03:37:15	126	4.3	11.37	14.6	Start Mixing Lead Slurry				
10/31/2013	03:38:03	140	4.4	12.25	18.1					
10/31/2013	03:40:13	132	4.3	12.41	27.6					
10/31/2013	03:42:23	116	4.4	12.40	37.2					
10/31/2013	03:44:33	124	4.3	12.33	1.7					
10/31/2013	03:46:43	126	4.5	12.22	11.3					
10/31/2013	03:48:53	133	4.5	12.49	20.8					
10/31/2013	03:51:03	144	4.4	12.59	30.4					
10/31/2013	03:53:13	174	4.4	14.59	38.9					
10/31/2013	03:53:23	176	4.4	14.77	39.6	Reset Total, Vol = 71.42 bbl				

Well		Field		Job Start		Customer		Job Number	
Ann 3404 2-21h 3404- - 1-21H				Oct/31/2013		Sandridge		1868367	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Message			
10/31/2013	03:53:26	191	4.3	14.79	39.8	Start Mixing Tail Slurry			
10/31/2013	03:55:23	195	4.3	14.83	48.4				
10/31/2013	03:57:33	188	4.3	14.92	9.6				
10/31/2013	03:59:43	16	0.0	14.86	17.1				
10/31/2013	04:01:53	14	0.0	14.45	17.1				
10/31/2013	04:02:56	15	0.0	11.91	17.1	Reset Total, Vol = 27.14 bbl			
10/31/2013	04:03:01	15	0.0	11.75	0.0	End Tail Slurry			
10/31/2013	04:03:02	15	0.0	11.74	0.0	Drop Top Plug			
10/31/2013	04:04:03	15	0.0	11.30	0.0				
10/31/2013	04:06:13	105	4.4	8.88	5.8				
10/31/2013	04:08:23	130	4.4	8.46	15.4				
10/31/2013	04:10:33	123	2.3	8.45	23.9				
10/31/2013	04:12:43	148	2.2	8.45	28.7				
10/31/2013	04:14:23	169	2.2	8.45	32.3	Bump Top Plug			
10/31/2013	04:14:53	179	2.2	8.45	33.5				
10/31/2013	04:17:03	1110	0.0	8.45	37.4				
10/31/2013	04:19:13	7	0.0	8.45	37.4				
10/31/2013	04:19:21	7	0.0	8.46	37.4	Reset Total, Vol = 36.44 bbl			
10/31/2013	04:19:26	7	0.0	8.45	0.0	End Displacement			

Post Job Summary

Average Pump Rates, bbl/min				Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2
3.1			4.5	100.0	0.0	10.0	
Treating Pressure Summary, psi				Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density
5054	7	326	1114		FreshWater	bbl	8.34 lb/gal
Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	<input checked="" type="checkbox"/>	Volume	20.0 bbl
%	0.0 bbl	37.0 bbl	degF	Washed Thru Perfs	<input type="checkbox"/>	To	ft
Customer or Authorized Representative	Schlumberger Supervisor			Circulation Lost	<input type="checkbox"/>	Job Completed	<input checked="" type="checkbox"/>
Cody Davis	John Beseda II			-		-	

REGULATORY DEPT
SANDRIDGE

Customer SANDRIDGE				Job Number 1868371			
Well ANN 3404 2-21H 3404 2-21H		Location (Legal) SUMNER, KS		Schlumberger Location ELK CITY		Job Start Nov/10/2013	
Field SUMNER		Formation Name/Type		Deviation 0 deg	Bit Size 8.8 in	Well MD 5457.0 ft	Well TVD 4675.8 ft
County SUMNER, KS		State/Province KS		BHP psi	BHST 135 degF	BHCT 127 degF	Pore Press. Gradient lb/gal
Well Master 0631505969		API/UWI 15191227100100					
Rig Name HORIZON 15	Drilled For Oil & Gas	Service Via Land	Casing/Liner				
			Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
Offshore Zone	Well Class New	Well Type Development	5430.0	7.0	26.0		
			0.0	0.0	0.0		
Drilling Fluid Type		Max. Density lb/gal	Plastic Viscosity cP	Tubing/Drill Pipe			
				T/D	Depth, ft	Size, in	Weight, lb/ft
							Grade
							Thread
Service Line Cementing		Job Type 7IN INTERMEDIATE					
Max. Allowed Tub. Press psi	Max. Allowed Ann. Press psi	WH Connection Single Cement head	Perforations/Open Hole				
			Top, ft	Bottom, ft	shot/ft	No. of Shots	Total Interval ft
			ft	ft			ft
			ft	ft			Diameter in
			ft	ft			in
Service Instructions		Treat Down Casing	Displacement bbl	Packer Type	Packer Depth ft		
		Tubing Vol. bbl	Casing Vol. bbl	Annular Vol. bbl	Openhole Vol. bbl		
Casing/Tubing Secured <input checked="" type="checkbox"/>		1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/>		Casing Tools		Squeeze Job	
Lift Pressure 450 psi		Shoe Type		Shoe Depth 88.8 ft		Squeeze Type	
Pipe Rotated <input checked="" type="checkbox"/>		Pipe Reciprocated <input type="checkbox"/>				Tool Type	
No. Centralizers		Top Plugs 1	Bottom Plugs	Stage Tool Type		Tool Depth ft	
Cement Head Type Single				Stage Tool Depth ft		Tail Pipe Size in	
Job Scheduled For Nov/10/2013 19:00		Arrived on Location Nov/10/2013 20:45	Leave Location Nov/11/2013 01:30	Collar Type		Tail Pipe Depth ft	
				Collar Depth ft		Sqz. Total Vol. bbl	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message
11/10/2013	21:27:50	5	0.0	8.44	0.0	0	Started Acquisition
11/10/2013	21:29:50	4	0.0	8.44	0.0	0	
11/10/2013	21:31:50	64	1.2	8.44	1.1	0	
11/10/2013	21:33:50	1418	0.0	8.44	2.8	0	
11/10/2013	21:35:12	5230	0.0	8.44	2.8	0	Pressure Test Lines
11/10/2013	21:35:50	5167	0.0	8.44	2.8	0	
11/10/2013	21:37:50	238	6.4	8.44	6.5	0	
11/10/2013	21:38:42	233	6.4	8.45	12.0	0	Start Pumping Spacer
11/10/2013	21:39:50	247	6.4	8.45	19.3	0	
11/10/2013	21:41:50	257	6.4	8.44	32.1	0	
11/10/2013	21:42:31	481	6.0	13.20	36.4	7	Start Slurry
11/10/2013	21:43:50	442	6.1	13.42	44.3	19	
11/10/2013	21:45:50	369	6.1	13.27	56.5	31	
11/10/2013	21:47:50	334	6.1	13.42	68.6	36	
11/10/2013	21:49:50	300	6.1	13.50	80.9	38	
11/10/2013	21:51:50	349	6.1	13.40	93.2	39	
11/10/2013	21:53:50	97	3.0	14.40	101.3	34	
11/10/2013	21:55:50	189	4.4	15.55	109.7	43	
11/10/2013	21:57:50	177	4.5	15.40	118.6	34	
11/10/2013	21:59:34	7	0.0	15.54	125.1	0	Start Displacement
11/10/2013	21:59:50	7	0.0	15.54	125.1	0	

Well			Field		Job Start		Customer		Job Number	
ANN 3404 2-21H 3404 2-21H			SUMNER		Nov/10/2013		SANDRIDGE		1868371	
Date	Time 24-hr clock	Treating Pressure PSI	Flow Rate B/M	Density LB/G	Volume BBL	Solid Fraction NULL	Message			
11/10/2013	22:01:50	6	0.0	13.49	125.1	0				
11/10/2013	22:05:50	134	6.3	8.95	141.9	18				
11/10/2013	22:07:50	122	6.4	8.42	154.8	7				
11/10/2013	22:09:50	116	6.5	8.42	167.8	8				
11/10/2013	22:11:50	104	6.0	8.44	180.1	0				
11/10/2013	22:13:50	86	5.4	8.44	191.2	0				
11/10/2013	22:15:50	3	1.4	8.44	199.5	0				
11/10/2013	22:17:50	-7	0.0	8.44	201.3	0				
11/10/2013	22:19:50	120	6.5	8.44	211.4	0				
11/10/2013	22:21:50	121	6.5	8.44	224.4	0				
11/10/2013	22:23:50	110	6.5	8.44	237.4	0				
11/10/2013	22:25:50	125	6.5	8.44	250.4	0				
11/10/2013	22:27:50	121	6.5	8.44	263.3	0				
11/10/2013	22:29:50	218	6.4	8.44	276.2	0				
11/10/2013	22:31:50	367	6.4	8.44	289.0	0				
11/10/2013	22:33:50	422	6.4	8.44	301.7	0				
11/10/2013	22:35:50	504	6.4	8.44	314.5	0				
11/10/2013	22:37:50	434	3.1	8.44	324.0	0				
11/10/2013	22:39:50	425	3.1	8.44	330.2	0				
11/10/2013	22:40:47	857	0.0	8.45	331.2	0	Bump Top Plug			
11/10/2013	22:40:49	879	0.0	8.45	331.2	0	End Displacement			
11/10/2013	22:41:50	854	0.0	8.45	331.2	0				
11/10/2013	22:43:50	3	0.0	8.45	331.2	0				

Post Job Summary

Average Pump Rates, bbl/min					Volume of Fluid Injected, bbl			
Slurry	N2	Mud	Maximum Rate	Total Slurry	Mud	Spacer	N2	
5.2			6.9	331.2	0.0	293.8		
Treating Pressure Summary, psi					Breakdown Fluid			
Maximum	Final	Average	Bump Plug to	Breakdown	Type	Volume	Density	
5264	5	318	900			bbl	lb/gal	
Avg. N2 Percent %	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Washed Thru Perfs	Volume	To	
	91.0 bbl	95.7 bbl	75 degF	<input type="checkbox"/>	<input type="checkbox"/>	bbl	ft	
Customer or Authorized Representative			Schlumberger Supervisor		Circulation Lost	Job Completed		
DOUG			WENDY YUN		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
					-	-		