




	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																		
Report No: 15		Report For 06:00 AM 24-Apr-17																		
Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 55,960 / -787														
Measured Depth (ft): 9180		Drilling Days (act.): 15		Well Bore: Original Well Bore		AFE No.		AFE (\$)		Actual (\$)										
Vertical Depth (ft): 8091		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017		6,631,875		1,080,225										
Proposed TD (ft):		Days On Location: 11		Last BOP Test: 16-Apr-17																
Hole Made (ft) / Hrs: 791 / 12.0		Last Casing: 9.625 at 7,385				Totals:		6,631,875		1,080,225										
Average ROP (ft/hr): 65.92		Next Casing:		Working Interest:		Well Cost (\$):				1,080,225										
Pers/Hrs: Operator: 2 / 24		Contractor: 12 / 144		Service: 7 / 84		Other: 0 / 0		Total:		21 / 252										
SafetySummary: No incidents or events reported. 11 days since LTI. Conducted Crown Check, Safety Meeting.																				
Current Operations: DRILLING LATERAL @ 9180'																				
Planned Operations: DRILL LATERAL																				
Toolpusher: LUKE BOYD																				
Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE										Tel No.: 575-200-8648										
Operations Summary																				
From	To	Elapsed	End MD(ft)	Code	Operations Description						Non-Prod									
6:00	7:00	1.00	8,406	DRILS	SLIDE DRILL FROM 8,389' TO 8,406' TF 10-L GPM 600, PSI 2,900, DIFF 253, WOB 72															
7:00	8:00	1.00	8,406	CIRC	PUMP SWEEP AND CIRCULATE AROUND															
8:00	10:30	2.50	8,406	TRPO	PUMP SLUG AND POOH TO 347'															
10:30	11:00	0.50	8,406	INSTAL	REMOVE ROTATING HEAD															
11:00	12:00	1.00	8,406	BHAOP	FINISH POOH AND LAY DOWN BHA															
12:00	13:30	1.50	8,406	DIR	PICK UP NEW MOTOR, SCRIBE, TEST MOTOR AND MAKE UP BIT															
13:30	14:30	1.00	8,406	TRPI	TIH TO 2,485'															
14:30	15:00	0.50	8,406	BHAOP	PICK UP AGITATOR AND TEST															
15:00	18:00	3.00	8,406	TRPI	TIH FROM 2,485' TO 8,406'															
18:00	19:00	1.00	8,406	CIRC	CIRCULATE BOTTOMS UPS															
19:00	22:00	3.00	8,488	DRILS	SLIDE FROM 8406' TO 8488' ,TF- HS GPM-425 PSI-2235 WOB-40 DIFF-354(LANDED CURVE @ 8488')															
22:00	1:00	3.00	8,708	DRILR	DRILL FROM 8488' TO 8708', WOB-30 DIFF-460 RPM-60 PSI-3500 TQ-10															
1:00	1:30	0.50	8,720	DRILS	SLIDE FROM 8708' TO 8720' ,TF-180 GPM-600 PSI-3340 WOB-35 DIFF-188															
1:30	4:00	2.50	8,941	DRILR	DRILL FROM 8720' TO 8941', WOB-30 DIFF-560 RPM-65 PSI-3510 TQ-11															
4:00	4:30	0.50	8,961	DRILS	SLIDE FROM 8941' TO 8961' ,TF-180 GPM-600 PSI-3340 WOB-35 DIFF-188															
4:30	6:00	1.50	9,180	DRILR	DRILL FROM 8961' TO 9180', WOB-30 DIFF-440 RPM-65 PSI-3510 TQ-11															
Comments																				
CURVE LANDED @ 8488'																				
Casing/Tubular Information																				
Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)										
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55											
FULL	9.625	0		7,385		INT1	12.250	40	J-55											
Cost/AFE Information																				
AFE No	AFE Description			AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent											
021017	D & C 19050' Horizontal WA			6,631,875	-787	49,630	55,960	1,080,225	16.29 %											
Totals \$:				6,631,875	-787	49,630	55,960	1,080,225	16.29 %											
Mud Information																				
%																				
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	Gels		Temp		Mud
																10m	30m	In	Out	Loss
23-Apr-17 21:00 at Depth 8,463 ft Mud Pits, Type: Fresh Water Based																				
9.00	62	15	8	7	2		9	60	31		5.7	62000		238743	7	10		94	112	
Mud Consumables																				
Item Description				Qty.	Cost	Item Description				Qty.	Cost									
AES VIS III - SACK				2	164	AES VIS LS (50) - EA				-35	-3,198									
Barite - 100#SK				80	1,002	CaCL2 - 50#SK				10	146									
ENGINEER - DAY				1	800	ENGINEERing diem - EA				1	50									
Lime - 50#SK				35	250															
Bit/BHA/Workstring Information																				
Depth This Run R.O.P. Mud Pump																				
No Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HHP	JIF		
2	1	HTC	VG20M	8.750	7385	1,021	31.5	32.4	95.0	60	35	5,000	9	598	2850	257	527	184	709	
Jets: 18 18 18				Out: 8406	Grade: Cutter: 9 / 9	Dull: BT / ER	Wear: A	Brgs: Gge: Pull: PR												
3	1	ULTERI	616M	8.750	8406	774	11	70.4	220.0	30	55	10,	9	600	3600	104	86	30	287	
Jets: 22 22 22 22				Out: Grade: Cutter: /	Dull: /	Wear: Brgs: Gge: Pull:														
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																				
Drilling Parameters																				
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure								
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	(psi)						
8,389	9,180	72.0	220.0	30	40	55	65	10	11	600	600									
Annular Velocity:		Drill Collars:		192.1	Drill Pipe:		285.2													
Miscellaneous Drilling Parameters																				
Hook Loads (lbs):		Off Bottom Rotate:		196	Pick Up:	205	Slack Off:	184	Drag Avg/Max:		7 / 10									

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>													
Report No: 15		Report For 06:00 AM 24-Apr-17													
Survey Information															
Survey Type		Meas. Depth	Inc.	Azimuth	TVD	Closure	Vertical Section	Coordinates		N-S		E-W	D.L.S.		
MWD		8,406.0	81.80	0.6	8,092.9	665.3	662.0	N 662.0		E 66.9		14.442			
MWD		8,431.0	84.18	0.4	8,096.0	690.0	686.8	N 686.8		E 67.1		9.547			
MWD		8,462.0	86.64	1.0	8,098.5	720.8	717.7	N 717.7		E 67.5		8.116			
MWD		8,494.0	89.27	0.4	8,099.6	752.7	749.6	N 749.6		E 67.8		8.384			
MWD		8,557.0	90.29	359.3	8,099.9	815.4	812.6	N 812.6		E 67.7		2.440			
MWD		8,651.0	92.40	359.8	8,097.7	909.1	906.6	N 906.6		E 66.9		2.320			
MWD		8,746.0	90.46	358.2	8,095.3	1,003.7	1,001.6	N 1001.6		E 65.3		2.647			
MWD		8,840.0	90.64	357.4	8,094.4	1,097.2	1,095.5	N 1095.5		E 61.7		0.945			
MWD		8,934.0	91.87	357.8	8,092.3	1,190.8	1,189.4	N 1189.4		E 57.7		1.390			
MWD		9,028.0	89.10	354.6	8,091.5	1,284.2	1,283.1	N 1283.1		E 51.5		4.478			
Mud Log Information															
Depth (ft)		TVD (ft)		Gas (Units)			Gas		Drilling	Pore	Mud	Shale	ROP		
From	To	From	To	Avg	Max	at Depth	Connect.	Trip	Exp.	Press	Dens.	Dens.	Shale	Sand	
8,389	9,180	8,085	8,091	199	308	8924	211	138			8.90				
Formation Name: WFMP A															
Lithology: 8940' ,90% SH, 10% LS															
Rig Information															
Equipment Problems:															
Location Condition:															
Transport:															
Solids Control Information															
Screen Sizes:		Top	Middle 1	Middle 2	Bottom										
Shaker No 1:		200	200	200	200										
Shaker No 2:		200	200	200	200										
Shaker No 3:		200	200	200	200										
Bulk Inventory															
Item Type					Units		Beginning		Used		Received		On Hand		Net
Fuel					GALS		7,527		1,554		3,480		9,453		1,926
Office trailer generator					GALS		150		50		200		300		150
Mud					GALS		6,934		965		3,580		9,549		2,615
Safety Information															
Meetings/Drills		Time			Description										
Safety		30			TRIPPING PIPE DRILLING OPS										
First Aid Treatments:			Medical Treatments:				Lost Time Incidents:				Days Since LTI:				11
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check													
Rental Tools Information															
Type	Description				Serial No.		Vendor		Acct Code		Today's Cost \$		Start		End
Trailer	HOUSING						TREND		9240-01		550		14-Apr-17		
Frac Tanks	FRAC TANKS						THORPE		9210-01		150		14-Apr-17		
PVT	RIG SENSE						TOTCO		9240-01		363		14-Apr-17		
Rotating Hd.	ROTATING HEAD						AIR DRIL		9240-01		120		14-Apr-17		
H2S	H2S MONITORS						AMPRO		9240-01		90		14-Apr-17		
Rig Vac	MUD VAC						RENTAL E		9240-01		75		14-Apr-17		
Light Tower	LIGHT TOWER						CACTUS		9240-01		125		14-Apr-17		
SPOOLS	SPOOLS						MONAHANS		9240-01		200		14-Apr-17		
drive over	DRIVE OVER						MCGUIRE		9240-01		86		14-Apr-17		
OBM Control	CENTERFUGE						DES		9210-01		3,050		14-Apr-17		
Frac Tanks	OIL FRAC TANKS						PURITY		9210-01		250		14-Apr-17		
Mud Bucket	MUD BUCKET						STABIL		9240-01		100		14-Apr-17		
Mud logger	MUD LOGGER						RILEY		9230-01		1,050		21-Apr-17		
Total Daily Rental Cost \$:											6,209				

	Daily Drilling Report Well ID: 42-383-39819 Field: Impossible				SEM Operating Company, LLC Well Name: University 9C 1207WA Sect: 12 County: Reagan State: TX						
Report No: 16		Report For 06:00 AM 25-Apr-17									
Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 57,459 / 5,260					
Measured Depth (ft): 12055		Drilling Days (act.): 16		Well Bore: Original Well Bore		AFE No.		AFE (\$)		Actual (\$)	
Vertical Depth (ft): 8095		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017		6,631,875		1,139,633	
Proposed TD (ft):		Days On Location: 12		Last BOP Test: 16-Apr-17							
Hole Made (ft) / Hrs: 2,914 / 23.0		Last Casing: 9.625 at 7,385				Totals:		6,631,875		1,139,633	
Average ROP (ft/hr): 126.7		Next Casing:		Working Interest:		Well Cost (\$):				1,139,633	
Pers/Hrs: Operator: 2 / 24		Contractor: 12 / 144		Service: 7 / 84		Other: 0 / 0		Total:		21 / 252	
SafetySummary: No incidents or events reported. 12 days since LTI. Conducted Crown Check, Safety Meeting.											
Current Operations: DRILLING LATERAL @ 12055'											
Planned Operations: DRILL LATERAL											
Toolpusher: LUKE BOYD											
Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE										Tel No.: 575-200-8648	
Operations Summary											
From	To	Elapsed	End MD(ft)	Code	Operations Description						Non-Prod
6:00	7:00	1.00	9,284	DRILR	ROTATE DRILL FROM 9,141' TO 9,284', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 650						
7:00	7:30	0.50	9,314	DRILS	SLIDE DRILL FROM 9,284' TO 9,314', GPM 600, WOB 30, TQ 4, PSI 3,650, DIFF 300						
7:30	9:30	2.00	9,661	DRILR	ROTATE DRILL FROM 9,314' TO 9,661', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 650						
9:30	10:00	0.50	9,691	DRILS	SLIDE DRILL FROM 9,661' TO 9,691', GPM 600, WOB 40, TQ 4, PSI 3,600, DIFF 350						
10:00	10:30	0.50	9,777	DRILR	ROTATE DRILL FROM 9,691' TO 9,777', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 500						
10:30	11:00	0.50	9,807	DRILS	SLIDE DRILL FROM 9,777' TO 9,807', GPM 600, WOB 30, TQ 4, PSI 3,650, DIFF 350						
11:00	11:30	0.50	9,873	DRILR	ROTATE DRILL FROM 9,807' TO 9,873', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 500						
11:30	12:00	0.50	9,923	DRILS	SLIDE DRILL FROM 9,873' TO 9,923', GPM 600, WOB 45, TQ 4, PSI 3,650, DIFF 350						
12:00	13:00	1.00	10,039	DRILR	ROTATE DRILL FROM 9,923' TO 10,039', GPM 600, WOB 30, TQ 12, PSI 3,900, DIFF 550						
13:00	13:30	0.50	10,079	DRILS	SLIDE DRILL FROM 10,039' TO 10,079', GPM 600, WOB 45, TQ 4, PSI 3,650, DIFF 350						
13:30	14:00	0.50	10,133	DRILR	ROTATE DRILL FROM 10,079' TO 10,133', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 450						
14:00	14:30	0.50	10,192	DRILS	SLIDE DRILL FROM 10,133' TO 10,192', GPM 600, WOB 45, TQ 4, PSI 3,650, DIFF 350, SLIDE AND ROTATE						
14:30	16:00	1.50	10,416	DRILR	ROTATE DRILL FROM 10,192' TO 10,416', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 500						
16:00	16:30	0.50	10,446	DRILS	SLIDE DRILL FROM 10,416' TO 10,446', GPM 600, WOB 45, TQ 4, PSI 3,650, DIFF 350						
16:30	17:00	0.50	10,501	DRILR	ROTATE DRILL FROM 10,446' TO 10,501', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 500						
17:00	17:30	0.50	10,501	SERV	RIG SERVICE						
17:30	18:00	0.50	10,595	DRILR	ROTATE DRILL FROM 10,501' TO 10,595', GPM 600, WOB 30, TQ 12, PSI 3,850, DIFF 500						
18:00	18:30	0.50	10,595	REPR	CHANGE OUT O RING ON VIBRATOR HOSE						X
18:30	22:00	3.50	11,160	DRILR	ROTATE DRILL FROM 10,595' TO 11,160', GPM 600, WOB 30, TQ 12, PSI 3,900, DIFF 750						
22:00	22:30	0.50	11,190	DRILS	SLIDE DRILL FROM 11,160' TO 11,190', GPM 600, WOB 45, PSI 3,750, DIFF 280						
22:30	23:00	0.50	11,274	DRILR	ROTATE DRILL FROM 11,190' TO 11,274', GPM 600, WOB 30, TQ 12, PSI 3,900, DIFF 750						
23:00	23:30	0.50	11,294	DRILS	SLIDE DRILL FROM 11,274' TO 11,294', GPM 600, WOB 45, PSI 3,750, DIFF 280						
23:30	0:00	0.50	11,442	DRILR	ROTATE DRILL FROM 11,294' TO 11,442', GPM 600, WOB 30, TQ 12, PSI 4100, DIFF 810						
0:00	0:30	0.50	11,462	DRILS	SLIDE DRILL FROM 11,442' TO 11,462', GPM 600, WOB 18, PSI 3,750, DIFF 300						
0:30	1:30	1.00	11,631	DRILR	ROTATE DRILL FROM 11,462' TO 11,631', GPM 600, WOB 30, TQ 12, PSI 4100, DIFF 810						
1:30	2:00	0.50	11,661	DRILS	SLIDE DRILL FROM 11,631' TO 11,661', GPM 600, WOB 18, PSI 3,750, DIFF 300						
2:00	4:30	2.50	11,892	DRILR	ROTATE DRILL FROM 11,661' TO 11,892', GPM 600, WOB 30, TQ 13, PSI 3900, DIFF 400						
4:30	5:00	0.50	11,914	DRILS	SLIDE DRILL FROM 11,892' TO 11,914', GPM 600, WOB 31, PSI 3,750, DIFF 240						
5:00	5:30	0.50	12,008	DRILR	ROTATE DRILL FROM 11,914' TO 12,008', GPM 600, WOB 30, TQ 13, PSI 3900, DIFF 400						
5:30	6:00	0.50	12,055	DRILS	SLIDE DRILL FROM 12,008' TO 12,055', GPM 600, WOB 31, PSI 3,750, DIFF 240						
Casing/Tubular Information											
Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)	
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55		
FULL	9.625	0		7,385		INT1	12.250	40	J-55		
Cost/AFE Information											
AFE No	AFE Description			AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent		
021017	D & C 19050' Horizontal WA			6,631,875	5,260	54,890	57,459	1,139,633	17.18 %		
Totals \$:				6,631,875	5,260	54,890	57,459	1,139,633	17.18 %		

		Daily Drilling Report										SEM Operating Company, LLC									
		Well ID: 42-383-39819										Well Name: University 9C 1207WA									
		Field: Impossible										Sect: 12 County: Reagan State: TX									
Report No: 16										Report For 06:00 AM 25-Apr-17											
Mud Information																					
										%						Gels			Temp		Mud
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss	
24-Apr-17 21:00 at Depth 11,001 ft Mud Pits, Type: Fresh Water Based																					
9.10	61	15	12	8	2		10.5	60.5	29		7.7	59000		241864	10	13		111	121		
Mud Consumables																					
Item Description							Qty.		Cost		Item Description							Qty.		Cost	
ABS MUL - GALS							140		1,309		AES VIS III - SACK							7		574	
AES VIS LS (50) - EA							1		91		AES WA II - EA							140		1,383	
CaCL2 - 50#SK							25		366		ENGINEER - DAY							1		800	
ENGINEERing diem - EA							1		50		FIR 50 - 50#SK							10		491	
Lime - 50#SK							6		43		Trucking (CWT) - EA							305		915	
Trucking (CWT) - EA							-305		-763												
Bit/BHA/Workstring Information																					
						Depth		This Run		R.O.P.				Mud		Pump					
No Run	Make	Model		Diam		Depth In		Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HPH	JIF
3	1	ULTERI	616M	8.750		8406		3,661	34	107.7	280.0	30	70	16,	9	600	4100	104	87	30	290
Jets: 22 22 22 22 22						Out:		Grade:		Cutter: /		Dull: /		Wear:		Brgs:		Gge:		Pull:	
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																					
Drilling Parameters																					
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure									
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max						
9,141	12,028	125.5	280.0	30	45	70	70	16	17	600	600	4,100									
Annular Velocity:		Drill Collars:		192.1		Drill Pipe:		285.2													
Miscellaneous Drilling Parameters																					
Hook Loads (lbs):				Off Bottom Rotate:				189		Pick Up:		220		Slack Off:		160		Drag Avg/Max:		15 / 40	
Slow Circulation Data:																					
Pump 1:				30 spm		480 psi		40 spm		580 psi		50 spm		640 psi							
Pump 2:				30 spm		500 psi		40 spm		550 psi		50 spm		630 psi							
Pump 3:				30 spm		480 psi		40 spm		550 psi		50 spm		630 psi							
Survey Information																					
Survey Type		Meas. Depth		Inc.	Azimuth		TVD	Closure		Vertical Section		Coordinates		N-S		E-W		D.L.S.			
	MWD	9,123.0	91.08		355.1		8,091.4	1,378.4		1,377.7		N 1377.7		E 42.9		2.135					
	MWD	9,217.0	90.07		355.9		8,090.4	1,471.9		1,471.4		N 1471.4		E 35.5		1.425					
	MWD	9,312.0	89.93		359.3		8,090.4	1,566.7		1,566.4		N 1566.4		E 31.6		3.519					
	MWD	9,406.0	90.07		1.5		8,090.4	1,660.7		1,660.3		N 1660.3		E 32.2		2.345					
	MWD	9,500.0	90.07		5.1		8,090.3	1,754.6		1,754.2		N 1754.2		E 37.6		3.830					
	MWD	9,594.0	90.37		6.5		8,090.0	1,848.3		1,847.7		N 1847.7		E 47.0		1.534					
	MWD	9,688.0	88.88		5.1		8,090.6	1,942.0		1,941.2		N 1941.2		E 56.5		2.182					
	MWD	9,783.0	89.89		5.6		8,091.6	2,036.8		2,035.8		N 2035.8		E 65.4		1.201					
	MWD	9,877.0	89.41		4.6		8,092.2	2,130.7		2,129.4		N 2129.4		E 73.8		1.151					
	MWD	9,972.0	90.11		3.7		8,092.6	2,225.6		2,224.2		N 2224.2		E 80.7		1.259					
	MWD	10,066.0	89.58		2.8		8,092.8	2,319.6		2,318.0		N 2318.0		E 85.9		1.093					
	MWD	10,160.0	89.19		358.8		8,093.8	2,413.5		2,412.0		N 2412.0		E 87.2		4.318					
	MWD	10,254.0	90.37		356.3		8,094.2	2,507.3		2,505.9		N 2505.9		E 83.1		2.902					
	MWD	10,349.0	90.02		354.2		8,093.9	2,601.6		2,600.5		N 2600.5		E 75.3		2.251					
	MWD	10,444.0	89.32		356.1		8,094.4	2,696.0		2,695.2		N 2695.2		E 67.2		2.171					
	MWD	10,538.0	89.85		357.1		8,095.1	2,789.7		2,789.0		N 2789.0		E 61.6		1.167					
	MWD	10,632.0	89.23		355.7		8,095.9	2,883.4		2,882.8		N 2882.8		E 55.7		1.629					
	MWD	10,725.0	90.11		358.1		8,096.4	2,976.1		2,975.7		N 2975.7		E 50.6		2.718					
	MWD	10,821.0	89.80		360.0		8,096.5	3,072.1		3,071.7		N 3071.7		E 49.0		2.036					
	MWD	10,915.0	90.29		3.2		8,096.4	3,166.0		3,165.6		N 3165.6		E 51.5		3.412					
	MWD	11,009.0	90.33		5.4		8,095.9	3,259.9		3,259.3		N 3259.3		E 58.6		2.426					
	MWD	11,103.0	89.85		6.1		8,095.7	3,353.6		3,352.9		N 3352.9		E 68.0		0.903					
	MWD	11,197.0	90.59		5.6		8,095.4	3,447.2		3,446.4		N 3446.4		E 77.7		0.962					
	MWD	11,292.0	90.37		3.5		8,094.6	3,542.1		3,541.1		N 3541.1		E 85.2		2.233					
	MWD	11,385.0	89.27		0.2		8,094.9	3,635.1		3,634.0		N 3634.0		E 88.2		3.781					
	MWD	11,480.0	90.42		2.0		8,095.1	3,730.1		3,729.0		N 3729.0		E 90.0		2.284					
	MWD	11,574.0	89.54		358.1		8,095.2	3,824.0		3,823.0		N 3823.0		E 90.0		4.305					
	MWD	11,668.0	91.38		0.3		8,094.4	3,917.9		3,916.9		N 3916.9		E 88.6		3.051					
	MWD	11,762.0	91.65		358.7		8,091.9	4,011.9		4,010.9		N 4010.9		E 87.7		1.715					
	MWD	11,857.0	93.19		358.0		8,087.9	4,106.6		4,105.8		N 4105.8		E 84.9		1.780					
Mud Log Information																					
Depth (ft)		TVD (ft)		Gas (Units)			Gas		Drilling		Pore		Mud		Shale		ROP				
From	To	From	To	Avg	Max	at Depth	Connect.	Trip	Exp.	Press	Dens.	Dens.	Shale	Sand							
9,141	11,901	8,091	8,092	376	800	11608	779	0			8.80										
Formation Name: WFMP A																					
Lithology: 11830' 70% SH 30% LS																					

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>					
Report No: 16		Report For 06:00 AM 25-Apr-17					
Rig Information							
Equipment Problems: BLOW O RING ON VABRATOR HOSE							
Location Condition:							
Transport:							
Solids Control Information							
Screen Sizes:	Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):		
Shaker No 1:	200	200	200	200			
Shaker No 2:	200	200	200	200	Centrifuge 1: 10 (Solids Removal)	Centrifuge 2: 10 (Solids Removal)	
Shaker No 3:	200	200	200	200			
Bulk Inventory							
Item Type		Units	Beginning	Used	Received	On Hand	Net
Fuel		GALS	9,453	2,782	1,825	8,496	-957
Office trailer generator		GALS	300	50	200	450	150
Mud		GALS	9,549	2,274	2,005	9,280	-269
Safety Information							
Meetings/Drills	Time	Description					
Safety	30	MAKING STANDS IN MOUSE HOLE					
First Aid Treatments:		Medical Treatments:		Lost Time Incidents:		Days Since LTI: 12	
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check					
Rental Tools Information							
Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	550	14-Apr-17	
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	200	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	3,050	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	
Mud logger	MUD LOGGER		RILEY	9230-01	1,050	21-Apr-17	
Total Daily Rental Cost \$:					6,209		



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 18

Report For 06:00 AM 27-Apr-17

Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 72,361 / 10,528	
Measured Depth (ft): 15118		Drilling Days (act.): 18		Well Bore: Original Well Bore		AFE No. AFE (\$) Actual (\$)	
Vertical Depth (ft): 8084		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017 6,631,875 1,279,371	
Proposed TD (ft):		Days On Location: 14		Last BOP Test: 16-Apr-17			
Hole Made (ft) / Hrs: 1,588 / 22.5		Last Casing: 9.625 at 7,385				Totals: 6,631,875 1,279,371	
Average ROP (ft/hr): 70.58		Next Casing:		Working Interest:		Well Cost (\$): 1,279,371	
Pers/Hrs:	Operator: 2 / 24	Contractor: 12 / 144	Service: 8 / 96	Other: 0 / 0	Total: 22 / 264		

SafetySummary: No incidents or events reported. 14 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: DRILL LATERAL @ 15,118'

Planned Operations: ROTATE DRILL SLIDE WHEN NEEDED MWD SURVEY, SERVICE RIG.

Toolpusher: LUKE BOYD

Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER

Tel No.: 575-200-8648

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	6:30	0.50	13,553	DRILS	SLIDE DRILL FROM 13,530' TO 13,553', 110R, GPM 500, PSI 3,000, DIFF 300, WOB 35, TQ 5	
6:30	7:00	0.50	13,620	DRILR	ROTATE DRILL FROM 13,553' TO 13,620', GPM 600, PSI 4,100, DIFF 550, WOB 35, RPM 70, TQ 12	
7:00	12:30	5.50	13,882	DRILS	ROTATE & SLIDE DRILL FROM 13,620' TO 13,882', ROTATE FROM 13,799' TO 13,815', 110R, GPM 500, PSI 4,000, DIFF 300, WOB 80, RPM 70, TQ 5	
12:30	13:00	0.50	13,924	DRILR	ROTATE DRILL FROM 13,882' TO 13,924', GPM 600, PSI 4,100, DIFF 550, WOB 35, RPM 70, TQ 12	
13:00	14:00	1.00	13,987	DRILS	SLIDE DRILL FROM 13,924' TO 13,987', 130R, GPM 500, PSI 4,000, DIFF 300, WOB 80, TQ 9	
14:00	14:30	0.50	14,018	DRILR	ROTATE DRILL FROM 13,987' TO 14,018', GPM 600, PSI 4,200, DIFF 500, WOB 30, RPM 70, TQ 18	
14:30	15:00	0.50	14,081	DRILS	SLIDE DRILL FROM 14,018' TO 14,081', 130R, GPM 500, PSI 4,000, DIFF 300, WOB 80, RPM 70, TQ 9	
15:00	18:00	3.00	14,364	DRILR	ROTATE DRILL FROM 14,081' TO 14,364', GPM 600, PSI 4,350, DIFF 500, WOB 30, RPM 70, TQ 18	
18:00	19:00	1.00	14,394	DRILS	SLIDE DRILL FROM 14,364' TO 14,394', TF 40R, GPM 500, PSI 3,140, DIFF 223, WOB 45	
19:00	19:30	0.50	14,463	DRILR	ROTATE DRILL FROM 14,394' TO 14,463', GPM 500, PSI 3,410, DIFF 450, WOB 32, RPM 60, TQ 17	
19:30	20:30	1.00	14,503	DRILS	SLIDE DRILL FROM 14,463' TO 14,503', TF 20R, GPM 500, PSI 3,140, DIFF 223, WOB 45	
20:30	21:00	0.50	14,552	DRILR	ROTATE DRILL FROM 14,503' TO 14,552', GPM 500, PSI 3,500, DIFF 370, WOB 32, RPM 60, TQ 18	
21:00	22:30	1.50	14,552	CIRC	CLEAN UP CYCLE FOR 2 BOTTOMS UP.	
22:30	23:30	1.00	14,592	DRILS	SLIDE DRILL FROM 14,552' TO 14,592', TF HS, GPM 500, PSI 3,140, DIFF 311, WOB 45	
23:30	0:00	0.50	14,647	DRILR	ROTATE DRILL FROM 14,592' TO 14,647', GPM 500, PSI 3,500, DIFF 520, WOB 32, RPM 70, TQ 18	
0:00	1:00	1.00	14,677	DRILS	SLIDE DRILL FROM 14,647' TO 14,677', TF HS, GPM 500, PSI 3,140, DIFF 311, WOB 47	
1:00	2:30	1.50	14,845	DRILR	ROTATE DRILL FROM 14,677' TO 14,845', GPM 500, PSI 3,500, DIFF 520, WOB 34, RPM 70, TQ 17	
2:30	3:30	1.00	14,865	DRILS	SLIDE DRILL FROM 14,845' TO 14,865', TF 160R, GPM 500, PSI 3,140, DIFF 200, WOB 56	
3:30	4:30	1.00	15,034	DRILR	ROTATE DRILL FROM 14,865' TO 15,034', GPM 600, PSI 4250, DIFF 680, WOB 34, RPM 70, TQ 16	
4:30	5:30	1.00	15,054	DRILS	SLIDE DRILL FROM 15,034' TO 15,054', TF 90 R, GPM 500, PSI 3,140, DIFF 200, WOB 56	
5:30	6:00	0.50	15,118	DRILR	ROTATE DRILL FROM 15,054' TO 15,118', GPM 600, PSI 4250, DIFF 680, WOB 34, RPM 70, TQ 16	

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55	
FULL	9.625	0		7,385		INT1	12.250	40	J-55	

Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent
021017	D & C 19050' Horizontal WA	6,631,875	10,528	74,335	72,361	1,279,371	19.29 %
Totals \$:		6,631,875	10,528	74,335	72,361	1,279,371	19.29 %

Mud Information

%														Gels			Temp		Mud	
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss
26-Apr-17 21:00 at Depth 14,468 ft Mud Pits, Type: Oil Base Mud																				
9.00	64	15	16	11	2		7.6	61	29		7.4	60000		44.959	13	16			145	


Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
ABS MUL - GALS	275	2,571	AES VIS III - SACK	10	820
AES VIS LS (50) - EA	6	548	AES WA II - EA	135	1,334
CaCL2 - 50#SK	44	644	ENGINEER - DAY	1	800
ENGINEERing diem - EA	1	50	FIR 50 - 50#SK	30	1,474
ShALETEx II - 50#SK	30	2,288			

Printed: 06:15 27-Apr-17

RIMBase 7.2.44.1

Page: 1 of 3

		<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>										<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>													
		Report No: 18										Report For 06:00 AM 27-Apr-17													
		Bit/BHA/Workstring Information																							
No Run		Make	Model	Diam	Depth In	This Run		R.O.P.		Mud		Pump													
						Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HHP	JIF						
3		1	ULTER	616M	8.750	8406	6,749	73.5	91.8	165.0	32	200	17	9	600	4250	104	87	30	290					
Jets: 22 22 22 22 22					Out:		Grade: Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:		Pull:				
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																									
Drilling Parameters																									
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure													
From To		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max					
13,530		15,118		94.0		165.0		30		34		200		238		16		22		500		600		4,250	
Annular Velocity:					Drill Collars:					Drill Pipe:					285.2										
Miscellaneous Drilling Parameters																									
Hook Loads (lbs):					Off Bottom Rotate: 187,000					Pick Up: 220,000					Slack Off: 150,000					Drag Avg/Max: 15 / 65					
Slow Circulation Data:																									
Pump 1:				30 spm		600 psi		40 spm		670 psi		50 spm		750 psi											
Pump 2:				30 spm		570 psi		40 spm		670 psi		50 spm		730 psi											
Pump 3:				30 spm		590 psi		40 spm		670 psi		50 spm		740 psi											
Survey Information																									
Survey Type		Meas. Depth		Inc.		Azimuth		TVD		Closure		Vertical Section		Coordinates N-S		E-W		D.L.S.							
MWD		13,459.0		94.42		352.4		8,080.2		5,704.4		5,704.3		N 5704.3		E 34.9		4.887							
MWD		13,553.0		94.59		354.9		8,072.8		5,797.5		5,797.4		N 5797.4		E 24.5		2.615							
MWD		13,648.0		94.46		356.9		8,065.3		5,891.9		5,891.9		N 5891.9		E 17.7		2.135							
MWD		13,742.0		92.48		359.1		8,059.6		5,985.7		5,985.7		N 5985.7		E 14.4		3.138							
MWD		13,836.0		90.90		2.8		8,056.8		6,079.6		6,079.6		N 6079.6		E 16.0		4.269							
MWD		13,930.0		89.23		2.7		8,056.7		6,173.5		6,173.5		N 6173.5		E 20.5		1.779							
MWD		14,027.0		88.09		4.6		8,059.0		6,270.3		6,270.2		N 6270.2		E 26.6		2.231							
MWD		14,118.0		87.25		5.2		8,062.7		6,360.9		6,360.8		N 6360.8		E 34.3		1.147							
MWD		14,213.0		86.07		4.8		8,068.2		6,455.5		6,455.3		N 6455.3		E 42.6		1.295							
MWD		14,307.0		85.54		4.4		8,075.1		6,549.0		6,548.8		N 6548.8		E 50.1		0.732							
MWD		14,401.0		85.41		4.5		8,082.5		6,642.4		6,642.2		N 6642.2		E 57.3		0.162							
MWD		14,495.0		86.24		6.8		8,089.4		6,735.8		6,735.5		N 6735.5		E 66.5		2.585							
MWD		14,590.0		88.44		5.1		8,093.8		6,830.3		6,829.9		N 6829.9		E 76.3		2.906							
MWD		14,684.0		92.79		6.6		8,092.8		6,923.9		6,923.4		N 6923.4		E 85.8		4.891							
MWD		14,778.0		92.97		5.7		8,088.0		7,017.3		7,016.7		N 7016.7		E 95.8		0.944							
MWD		14,872.0		90.77		3.8		8,085.0		7,111.1		7,110.3		N 7110.3		E 103.6		3.120							
MWD		14,967.0		90.07		2.1		8,084.3		7,206.0		7,205.2		N 7205.2		E 108.4		1.906							
Mud Log Information																									
Depth (ft)		TVD (ft)		Gas (Units)		Gas		Drilling		Pore		Mud		Shale		ROP									
From To		From To		Avg Max		at Depth		Connect. Trip		Exp.		Press		Dens.		Dens.		Shale		Sand					
13,430		15,025		8,083		8,084		411		726				654											
Formation Name: WOLFCAMP A																									
Lithology: 90% SH 10% LS @ 14,870'																									
Rig Information																									
Equipment Problems:																									
Location Condition:																									
Transport:																									
Solids Control Information																									
Screen Sizes:		Top		Middle 1		Middle 2		Bottom																	
Shaker No 1:		200		200		200		200																	
Shaker No 2:		200		200		200		200																	
Shaker No 3:		200		200		200		200																	
Bulk Inventory																									
Item Type						Units		Beginning		Used		Received		On Hand		Net									
Fuel						GALS		6,168		2,902		3,678		6,944		776									
Office trailer generator						GALS		400		50				350											
Mud						GALS		6,626		2,459		3,377		7,544		918									
Safety Information																									
Meetings/Drills		Time		Description																					
Safety		30		100% TIE OFF MIXING CHEMICALS																					
First Aid Treatments:					Medical Treatments:					Lost Time Incidents:					Days Since LTI:					14					
<input type="checkbox"/> BOP Test					<input checked="" type="checkbox"/> Crownamatic Check																				
Weather Information																									
Sky Condition: CLEAR										Visibility: 10															
Air Temperature: 51 degF										Bar. Pressure: 29															
Wind Speed/Dir: 8 / SSE										Wind Gusts:															
Rental Tools Information																									
Type		Description				Serial No.				Vendor				Acct Code				Today's Cost \$		Start		End			
Trailer		HOUSING								TREND				9240-01				550		14-Apr-17					



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX


Report No: 18


Report For 06:00 AM 27-Apr-17

Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	200	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	3,050	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	
Mud logger	MUD LOGGER		RILEY	9230-01	1,050	21-Apr-17	

Total Daily Rental Cost \$:	6,209
------------------------------------	-------

		<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>										<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																													
Report No: 19												Report For 06:00 AM 28-Apr-17																													
Operator: Sem Operating				Rig: H&P 467				Spud Date: 10-Apr-17				Daily Cost / Mud (\$): -215 / 9,347																													
Measured Depth (ft): 16770				Drilling Days (act.): 19				Well Bore: Original Well Bore				AFE No.		AFE (\$)		Actual (\$)																									
Vertical Depth (ft): 8107				Drilling Days (plan):				RKB Elevation (ft): 2,657.20		021017		6,631,875		1,279,156																											
Proposed TD (ft):				Days On Location: 15				Last BOP Test: 16-Apr-17																																	
Hole Made (ft) / Hrs: 1,652 / 21.5				Last Casing: 9.625 at 7,385								Totals:		6,631,875		1,279,156																									
Average ROP (ft/hr): 76.84				Next Casing:				Working Interest:				Well Cost (\$):		1,279,156																											
Pers/Hrs:		Operator: 2 / 24		Contractor: 12 / 144		Service: 8 / 96		Other: 0 / 0		Total:		22 / 264																													
SafetySummary: No incidents or events reported. 15 days since LTI. Conducted Crown Check, Safety Meeting.																																									
Current Operations: SLIDE DRILL LATERAL @ 16,770'																																									
Planned Operations: DRILL SLIDE DRILL WHEN NEEDED MWD SURVEY SERVICE RIG.																																									
Toolpusher: LUKE BOYD																																									
Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER												Tel No.: 575-200-8648																													
Operations Summary																																									
From		To		Elapsed		End MD(ft)		Code		Operations Description						Non-Prod																									
6:00		6:30		0.50		15,149		DRILR		ROTATE DRILL FROM 15,118' TO 15,149', GPM 575, PSI 4,150, DIFF 400, WOB 34, RPM 75, TQ 16																															
6:30		7:00		0.50		15,181		DRILS		SLIDE DRILL FROM 15,149' TO 15,181', 90R, GPM 575, PSI 3,850, DIFF 220, WOB 34, TQ 5																															
7:00		7:30		0.50		15,222		DRILR		ROTATE DRILL FROM 15,181' TO 15,222', GPM 575, PSI 4,150, DIFF 400, WOB 34, RPM 75, TQ 17																															
7:30		8:00		0.50		15,269		DRILS		SLIDE DRILL FROM 15,222' TO 15,269', 90R, GPM 575, PSI 3,850, DIFF 220, WOB 34, TQ 5																															
8:00		9:30		1.50		15,410		DRILR		ROTATE DRILL FROM 15,269' TO 15,410', GPM 575, PSI 4,150, DIFF 400, WOB 34, RPM 75, TQ 16																															
9:30		11:00		1.50		15,478		DRILS		SLIDE DRILL FROM 15,410' TO 15,478', 90R, GPM 575, PSI 3,850, DIFF 220, WOB 34, TQ 5																															
11:00		11:30		0.50		15,598		DRILR		ROTATE DRILL FROM 15,478' TO 15,598', GPM 575, PSI 4,500, DIFF 600, WOB 34, RPM 75, TQ 16																															
11:30		13:00		1.50		15,672		DRILS		SLIDE DRILL FROM 15,598' TO 15,672', 120R, GPM 575, PSI 3,850, DIFF 220, WOB 80, TQ 5																															
13:00		14:30		1.50		15,882		DRILR		ROTATE DRILL FROM 15,672' TO 15,882', GPM 575, PSI 4,600, DIFF 600, WOB 34, RPM 75, TQ 16																															
14:30		16:30		2.00		15,965		DRILS		SLIDE DRILL FROM 15,882' TO 15,965', 120R, GPM 575, PSI 4,600, DIFF 600, WOB 34,																															
16:30		17:00		0.50		16,059		DRILR		ROTATE DRILL FROM 15,965' TO 16,059', GPM 575, PSI 4,600, DIFF 600, WOB 34, RPM 75, TQ 16																															
17:00		17:30		0.50		16,059		SERV		SERVICE RIG																															
17:30		19:30		2.00		16,059		CIRC		CLEAN UP CYCLE, TORQUE GETTING HIGH																															
19:30		20:00		0.50		16,079		DRILS		SLIDE DRILL FROM 16,059' TO 16,079', TF @ 160R, GPM 575, PSI 4,250, DIFF 250, WOB 35,																															
20:00		21:30		1.50		16,228		DRILR		ROTATE DRILL FROM 16,079' TO 16,228', GPM 600, PSI 4,400, DIFF 500, WOB 34, RPM 70, TQ 19.																															
21:30		22:00		0.50		16,240		DRILS		SLIDE DRILL FROM 16,228' TO 16,240', TF @ 30R, GPM 600, PSI 4,150, DIFF 200, WOB 20,																															
22:00		23:00		1.00		16,308		DRILR		ROTATE DRILL FROM 16,240' TO 16,308', GPM 600, PSI 4,550, DIFF 600, WOB 34, RPM 60, TQ 20.																															
23:00		0:00		1.00		16,338		DRILS		SLIDE DRILL FROM 16,308' TO 16,338', TF @ 95R, GPM 500, PSI 3,150, DIFF 200, WOB 60,																															
0:00		1:00		1.00		16,436		DRILR		ROTATE DRILL FROM 16,338' TO 16,436', GPM 600, PSI 4,550, DIFF 600, WOB 34, RPM 60, TQ 20.																															
1:00		2:30		1.50		16,481		DRILS		SLIDE DRILL FROM 16,436' TO 16,481', TF @ 15R, GPM 600, PSI 4,250, DIFF 200, WOB 40,																															
2:30		3:30		1.00		16,624		DRILR		ROTATE DRILL FROM 16,481' TO 16,624', GPM 600, PSI 4,450, DIFF 450, WOB 34, RPM 60, TQ 20.																															
3:30		4:30		1.00		16,654		DRILS		SLIDE DRILL FROM 16,624' TO 16,654', TF HS, GPM 600, PSI 4,250, DIFF 200, WOB 40,																															
4:30		5:30		1.00		16,740		DRILR		ROTATE DRILL FROM 16,665' TO 16,740', GPM 600, PSI 4,550, DIFF 450, WOB 34, RPM 65, TQ 19.																															
5:30		6:00		0.50		16,770		DRILS		SLIDE DRILL FROM 16,740' TO 16,770', TF HS, GPM 600, PSI 4,275, DIFF 200, WOB 40,																															
Casing/Tubular Information																																									
Type		Size (ins)		Top MD (ft)		Top TVD (ft)		Bottom MD (ft)		Bottom TVD (ft)		Hole Section		OH Diam. (ins)		Nom. Wgt. (lbs)		Nominal Grade		LOT (lbs/gal)																					
FULL		13.375		0		580		578		580		SURF		17.500		55		J-55																							
FULL		9.625		0				7,385				INT1		12.250		40		J-55																							
Cost/AFE Information																																									
AFE No		AFE Description						AFE Amount		Daily Mud		Well Mud		Daily Total		Well Total		% Spent																							
021017		D & C 19050' Horizontal WA						6,631,875		9,347		83,683		-215		1,279,156		19.29 %																							
		Totals \$:						6,631,875		9,347		83,683		-215		1,279,156		19.29 %																							
Mud Information																																									
%																																									
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		Cl		Ca		CaCl		10s		10m		30m		In		Out		Mud Loss	
27-Apr-17 21:00 at Depth 16,183 ft Mud Pits, Type: Oil Base Mud																																									
9.10		61		16		15		6		2				8.3		60.9		28.4				8.3		60000				248846		11		16						150			

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																			
Report No: 19		Report For 06:00 AM 28-Apr-17																			
Mud Consumables																					
Item Description				Qty.	Cost		Item Description				Qty.	Cost									
ABS MUL - GALS				275	2,571		AES VIS III - SACK				8	656									
AES VIS LS (50) - EA				7	640		AES WA II - EA				140	1,383									
CaCL2 - 50#SK				42	614		ENGINEER - DAY				1	800									
ENGINEERing diem - EA				1	50		FIR 50 - 50#SK				21	1,032									
Lime - 50#SK				34	243		ShALETEX II - 50#SK				7	534									
Shrink Wrap - EA				6	75		Trucking - EA				1	750									
Bit/BHA/Workstring Information																					
				Depth	This Run		R.O.P.						Mud	Pump							
No Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HPH	JIF			
3	1	ULTERI	616M	8.750	8406	8,401	95	88.4	155.0	34	234	19	9	600	4500	104	88	31	293		
Jets: 22 22 22 22 22				Out:		Grade: Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:		Pull:	
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																					
Drilling Parameters																					
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure									
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	(psi)							
15,118	16,770	95.0	155.0	34	50	60	70	19	21	500	600	4,500									
Miscellaneous Drilling Parameters																					
Hook Loads (lbs):		Off Bottom Rotate: 185,000				Pick Up: 255,000		Slack Off: 80,000		Drag Avg/Max:		70 / 105									
Slow Circulation Data:																					
Pump 1:		30 spm		660 psi		40 spm		770 psi		50 spm		830 psi									
Pump 2:		30 spm		650 psi		40 spm		750 psi		50 spm		820 psi									
Pump 3:		30 spm		640 psi		40 spm		740 psi		50 spm		820 psi									
Survey Information																					
Survey Type		Meas. Depth		Inc.		Azimuth		TVD		Closure		Vertical Section		Coordinates N-S		E-W		D.L.S.			
MWD		15,061.0		89.98		2.2		8,084.2		7,300.0		7,299.1		N 7299.1		E 111.9		0.135			
MWD		15,155.0		89.54		0.4		8,084.6		7,394.0		7,393.1		N 7393.1		E 114.1		1.930			
MWD		15,249.0		90.15		1.9		8,084.9		7,488.0		7,487.1		N 7487.1		E 116.0		1.723			
MWD		15,343.0		89.80		359.9		8,084.9		7,582.0		7,581.1		N 7581.1		E 117.5		2.191			
MWD		15,437.0		89.58		359.3		8,085.4		7,675.9		7,675.0		N 7675.0		E 116.8		0.690			
MWD		15,531.0		90.02		0.8		8,085.8		7,769.9		7,769.0		N 7769.0		E 116.8		1.653			
MWD		15,625.0		90.37		1.3		8,085.4		7,863.9		7,863.0		N 7863.0		E 118.5		0.676			
MWD		15,720.0		89.41		2.0		8,085.6		7,958.9		7,958.0		N 7958.0		E 121.3		1.251			
MWD		15,814.0		89.98		359.8		8,086.1		8,052.9		8,052.0		N 8052.0		E 122.8		2.407			
MWD		15,908.0		89.54		0.9		8,086.5		8,146.9		8,146.0		N 8146.0		E 123.3		1.211			
MWD		16,002.0		89.93		4.1		8,086.9		8,240.8		8,239.9		N 8239.9		E 127.4		3.482			
MWD		16,096.0		88.22		3.7		8,088.5		8,334.7		8,333.6		N 8333.6		E 133.8		1.878			
MWD		16,191.0		87.21		2.0		8,092.3		8,429.6		8,428.4		N 8428.4		E 138.5		2.053			
MWD		16,285.0		86.81		2.0		8,097.2		8,523.4		8,522.2		N 8522.2		E 141.7		0.426			
MWD		16,379.0		86.64		2.9		8,102.5		8,617.2		8,616.0		N 8616.0		E 145.7		0.952			
MWD		16,473.0		89.32		3.8		8,105.8		8,711.1		8,709.8		N 8709.8		E 151.2		3.001			
MWD		16,567.0		89.45		4.3		8,106.8		8,805.0		8,803.5		N 8803.5		E 157.8		0.581			
MWD		16,662.0		90.24		3.1		8,107.1		8,899.9		8,898.3		N 8898.3		E 163.9		1.539			
Mud Log Information																					
Depth (ft)		TVD (ft)		Gas (Units)		Gas		Drilling		Pore		Mud		Shale		ROP					
From	To	From	To	Avg	Max	at Depth	Connect.	Trip	Exp.	Press	Dens.	Dens.	Shale	Sand							
15,025	16,678	8,084	8,107	568	899		720				9.10										
Formation Name: WOLFCAMP A																					
Lithology: 100%SHALE @ 16,624																					
Rig Information																					
Equipment Problems:																					
Location Condition:																					
Transport:																					
Solids Control Information																					
Screen Sizes:		Top	Middle 1	Middle 2	Bottom																
Shaker No 1:		200	200	200	200																
Shaker No 2:		200	200	200	200																
Shaker No 3:		200	200	200	200																
Bulk Inventory																					
Item Type				Units		Beginning		Used		Received		On Hand		Net							
Fuel				GALS		6,944		2,978		4,530		8,496		1,552							
Office trailer generator				GALS		350		50				300									
Mud				GALS		7,544		2,621				4,923									
Safety Information																					
Meetings/Drills		Time		Description																	
Safety		30		MIXING CHEMICALS HOUSE KEEPING																	
First Aid Treatments:				Medical Treatments:				Lost Time Incidents:				Days Since LTI:				15					
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check																			



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 19

Report For 06:00 AM 28-Apr-17

Weather Information

Sky Condition:	CLEAR
----------------	-------

Visibility:	10
-------------	----

Air Temperature: 72 degF

Bar. Pressure: 29


Wind Speed/Dir: 17 / S

Wind Gusts:

Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	550	14-Apr-17	
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	200	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	3,050	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	
Mud logger	MUD LOGGER		RILEY	9230-01	1,050	21-Apr-17	

Total Daily Rental Cost \$:	6,209
------------------------------------	-------



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 20

Report For 06:00 AM 29-Apr-17

Operator:		Sem Operating		Rig:		H&P 467		Spud Date:		10-Apr-17		Daily Cost / Mud (\$):		62,991 / 7,748	
Measured Depth (ft):		18038		Drilling Days (act.):		20		Well Bore:		Original Well Bore		AFE No.		AFE (\$) Actual (\$)	
Vertical Depth (ft):		8118		Drilling Days (plan):				RKB Elevation (ft):		2,657.20		021017		6,631,875 1,342,147	
Proposed TD (ft):				Days On Location:		16		Last BOP Test:		16-Apr-17					
Hole Made (ft) / Hrs:		1,268 / 21.0		Last Casing:		9.625 at 7,385						Totals:		6,631,875 1,342,147	
Average ROP (ft/hr):		60.38		Next Casing:				Working Interest:				Well Cost (\$):		1,342,147	
Pers/Hrs:		Operator: 2 / 24		Contractor:		12 / 144		Service:		8 / 96		Other:		0 / 0 Total: 22 / 264	

SafetySummary:

No incidents or events reported. 16 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations:

DRILL @ 18,038'

Planned Operations:

DRILL SLIDE DRILL WHEN NEEDED MWD SURVEY SERVICE RIG.

Toolpusher:

LUKE BOYD

Wellsite Supervisors:

BRUCE DELAUGHTER, RICKY POINDEXTER

Tel No.: 575-200-8648

Operations Summary											
From	To	Elapsed	End MD(ft)	Code	Operations Description						Non-Prod
6:00	6:30	0.50	16,785	DRILS	SLIDE DRILL FROM 16,770' TO 16,785', TF H/S, GPM 600, PSI 4,300, DIFF 250, WOB 100						
6:30	8:00	1.50	16,922	DRILR	ROTATE DRILL FROM 16,785' TO 16,922', GPM 600, PSI 4,500, DIFF 450, WOB 30, TQ 19						
8:00	9:30	1.50	16,972	DRILS	SLIDE DRILL FROM 16,922' TO 16,972', 130R, GPM 600, PSI 4,300, DIFF 250, WOB 100						
9:30	11:30	2.00	17,200	DRILR	ROTATE DRILL FROM 16,972' TO 17,200', GPM 600, PSI 4,500, DIFF 450, WOB 30, TQ 16						
11:30	12:30	1.00	17,230	DRILS	SLIDE DRILL FROM 17,200' TO 17,230', 130R, GPM 600, PSI 4,300, DIFF 250, WOB 100						
12:30	13:00	0.50	17,284	DRILR	ROTATE DRILL FROM 17,230' TO 17,284', GPM 600, PSI 4,500, DIFF 450, WOB 30, TQ 16						
13:00	15:30	2.50	17,284	CIRC	CIRCULATE 2 BOTTOMS UP, HAD TROUBLE GETTING WEIGHT TO BIT WHILE TRYING TO SLIDE						
15:30	16:00	0.50	17,312	DRILS	SLIDE DRILL FROM 17,284' TO 17,312', 130R, GPM 600, PSI 4,300, DIFF 250, WOB 100						
16:00	17:00	1.00	17,378	DRILR	ROTATE DRILL FROM 17,312' TO 17,378', GPM 600, PSI 4,500, DIFF 450, WOB 32, TQ 21						
17:00	19:30	2.50	17,472	DRILS	SLIDE DRILL FROM 17,378' TO 17,472', TF 45 R, GPM 600, PSI 4,400, DIFF 120, WOB 65						
19:30	20:00	0.50	17,472	CIRC	SPOT 20 BBLS PILL WITH GRAPHITE IN LATERAL, FOR SLIDING.						
20:00	21:00	1.00	17,528	DRILS	SLIDE DRILL FROM 17,472' TO 17,528', TF 45 R, GPM 600, PSI 4,300, DIFF 250, WOB, 42.						
21:00	22:00	1.00	17,615	DRILR	ROTATE DRILL FROM 17,528' TO 17,615', GPM 600, PSI 4,600, DIFF 550, WOB 32, RPM 70, TQ 20						
22:00	23:30	1.50	17,661	DRILS	SLIDE DRILL FROM 17,615' TO 17,661', TF 15 R, GPM 600, PSI 4,300, DIFF 250, WOB, 46.						
23:30	0:30	1.00	17,765	DRILR	ROTATE DRILL FROM 17,661' TO 17,765', GPM 600, PSI 4,500, DIFF 450, WOB 34, RPM 60, TQ 20						
0:30	1:30	1.00	17,800	DRILS	SLIDE DRILL FROM 17,765' TO 17,800', TF 70 R, GPM 600, PSI 4,300, DIFF 250, WOB, 46.						
1:30	2:00	0.50	17,853	DRILR	ROTATE DRILL FROM 17,800' TO 17,853', GPM 600, PSI 4,500, DIFF 450, WOB 34, RPM 65, TQ 20						
2:00	3:00	1.00	17,898	DRILS	SLIDE DRILL FROM 17,853' TO 17,898', TF 70 R, GPM 600, PSI 4,300, DIFF 250, WOB, 46.						
3:00	3:30	0.50	17,944	DRILR	ROTATE DRILL FROM 17,898' TO 17,944', GPM 600, PSI 4,500, DIFF 450, WOB 34, RPM 65, TQ 20						
3:30	5:00	1.50	17,989	DRILS	SLIDE DRILL FROM 17,944' TO 17,989', TF 45 R, GPM 600, PSI 4,300, DIFF 150, WOB, 47.						
5:00	6:00	1.00	18,038	DRILR	ROTATE DRILL FROM 17,989' TO 18,038', GPM 600, PSI 4,500, DIFF 450, WOB 34, RPM 63, TQ 20						

Comments

LAST SURVEY 1.9 BL, 35.3 L

Casing/Tubular Information											
Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)	
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55		
FULL	9.625	0		7,385		INT1	12.250	40	J-55		


Cost/AFE Information									
AFE No	AFE Description	AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent		
021017	D & C 19050' Horizontal WA	6,631,875	7,748	91,430	62,991	1,342,147	20.24 %		
Totals \$:		6,631,875	7,748	91,430	62,991	1,342,147	20.24 %		

Mud Information																				
%																Gels		Temp		Mud
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss
28-Apr-17 21:00 at Depth 17,521 ft Mud Pits, Type: Oil Base Mud																				
9.00	61	15	15	10	2		10.5	62.5	27		8.1	59000		55.207	11	14			145	

Printed: 06:10 29-Apr-17

RIMBase 7.2.44.1

Page: 1 of 3

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>																			
Report No: 20		Report For 06:00 AM 29-Apr-17																			
Mud Consumables																					
Item Description				Qty.	Cost		Item Description				Qty.	Cost									
AES VIS III - SACK				8	656		AES VIS LS (50) - EA				6	548									
AES WA II - EA				275	2,717		CaCL2 - 50#SK				21	307									
ENGINEER - DAY				1	800		ENGINEERing diem - EA				1	50									
FIR PLUS - 50#SK				6	646		GXM - 50#SK				24	901									
Lime - 50#SK				32	228		NUT PLUG - 50#SK				16	284									
ShALETEx II - 50#SK				8	610																
Bit/BHA/Workstring Information																					
				Depth	This Run		R.O.P.						Mud		Pump						
No Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HHP	JIF			
3	1	ULTERI	616M	8.750	8406	9,669	116	83.4	140.0	34	65	20	9	600	4500	104	87	30	290		
Jets: 22 22 22 22 22				Out:		Grade: Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:		Pull:	
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																					
Drilling Parameters																					
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure									
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	(psi)							
16,760	18,038	83.5	100.0	34	65	60	80	19	21	500	600	4,500									
Annular Velocity:				Drill Collars:		Drill Pipe:		285.2													
Miscellaneous Drilling Parameters																					
Hook Loads (lbs):		Off Bottom Rotate: 183,000				Pick Up: 255,000		Slack Off: 90,000		Drag Avg/Max:		110 / 175									
Slow Circulation Data:																					
Pump 1:		30 spm		660 psi		40 spm		760 psi		50 spm		860 psi									
Pump 2:		30 spm		650 psi		40 spm		760 psi		50 spm		850 psi									
Pump 3:		30 spm		650 psi		40 spm		760 psi		50 spm		850 psi									
Survey Information																					
Survey Type		Meas. Depth		Inc.	Azimuth		TVD	Closure	Vertical Section		Coordinates		D.L.S.								
	MWD	16,756.0	90.73	2.4	8,106.3	8,993.8	8,992.2	N 8992.2	E 168.3	0.909											
	MWD	16,850.0	92.22	0.9	8,103.9	9,087.8	9,086.2	N 9086.2	E 170.9	2.249											
	MWD	16,944.0	90.20	0.3	8,101.9	9,181.7	9,180.1	N 9180.1	E 171.9	2.222											
	MWD	17,038.0	88.18	0.9	8,103.2	9,275.7	9,274.1	N 9274.1	E 172.9	2.222											
	MWD	17,133.0	86.15	359.5	8,107.9	9,370.6	9,369.0	N 9369.0	E 173.2	2.595											
	MWD	17,227.0	86.81	358.3	8,113.7	9,464.3	9,462.8	N 9462.8	E 171.3	1.409											
	MWD	17,321.0	87.65	358.6	8,118.2	9,558.1	9,556.6	N 9556.6	E 168.8	0.939											
	MWD	17,415.0	87.78	358.4	8,122.0	9,652.0	9,650.5	N 9650.5	E 166.3	0.236											
	MWD	17,510.0	89.63	359.6	8,124.1	9,746.9	9,745.5	N 9745.5	E 164.7	2.338											
	MWD	17,604.0	90.15	359.4	8,124.3	9,840.9	9,839.5	N 9839.5	E 163.9	0.618											
	MWD	17,698.0	92.22	0.2	8,122.4	9,934.8	9,933.5	N 9933.5	E 163.5	2.357											
	MWD	17,793.0	90.86	0.3	8,119.8	10,029.8	10,028.4	N 10028.4	E 163.9	1.443											
	MWD	17,887.0	90.90	0.9	8,118.4	10,123.7	10,122.4	N 10122.4	E 164.8	0.565											
Mud Log Information																					
Depth (ft)		TVD (ft)		Gas (Units)		Gas		Drilling		Pore		Mud		Shale		ROP					
From	To	From	To	Avg	Max	at Depth	Connect.	Trip	Exp.	Press	Dens.	Dens.	Shale	Sand							
16,678	17,977	8,107	8,118	503	861	16708	740				9.00										
Formation Name: WOLFCAMPA																					
Lithology: 90%SH, 10%LS, @ 17,934'																					
Rig Information																					
Equipment Problems:																					
Location Condition:																					
Transport:																					
Solids Control Information																					
Screen Sizes:		Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):															
Shaker No 1:		200	200	200	200	Centrifuge 1: 24 (Solids Removal)						Centrifuge 2: 24 (Solids Removal)									
Shaker No 2:		200	200	200	200																
Shaker No 3:		200	200	200	200																
Bulk Inventory																					
Item Type					Units		Beginning		Used		Received		On Hand		Net						
Fuel					GALS		8,496		2,980		4,500		10,016		1,520						
Office trailer generator					GALS		300		50				250								
Mud					GALS		4,923		3,922		2,561		3,562		-1,361						
Safety Information																					
Meetings/Drills		Time		Description																	
Safety		30		FORK LIFT OPERATIONS PINCH POINTS																	
First Aid Treatments:				Medical Treatments:				Lost Time Incidents:				Days Since LTI:				16					
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check																			



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 20

Report For 06:00 AM 29-Apr-17

Weather Information

Sky Condition: CLEAR

Visibility:	10
--------------------	----

Air Temperature: 73 degF


Bar. Pressure: 29

Wind Speed/Dir: 14 / SSE

Wind Gusts:

Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	550	14-Apr-17	
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	200	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	3,050	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	
Mud logger	MUD LOGGER		RILEY	9230-01	1,050	21-Apr-17	
Total Daily Rental Cost \$:					6,209		



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 21

Report For 06:00 AM 30-Apr-17

Operator: Sem Operating

Rig: H&P 467

Spud Date: 10-Apr-17

Daily Cost / Mud (\$): 47,210 / 4,126

Measured Depth (ft): 18914

Drilling Days (act.): 21

Well Bore: Original Well Bore

AFE No. AFE (\$) Actual (\$)

Vertical Depth (ft): 8101

Drilling Days (plan):

RKB Elevation (ft): 2,657.20

021017 6,631,875 1,389,357

Proposed TD (ft):

Days On Location: 17

Last BOP Test: 16-Apr-17

Totals: 6,631,875 1,389,357

Hole Made (ft) / Hrs: 876 / 17.5

Last Casing: 9.625 at 7,385

Well Cost (\$): 1,389,357

Average ROP (ft/hr): 50.06

Next Casing:

Working Interest:

Pers/Hrs: Operator: 2 / 24

Contractor: 12 / 144

Service: 8 / 96

Other: 0 / 0

Total: 22 / 264

SafetySummary: No incidents or events reported. 17 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: CIRCULATE OUT HI VIS SWEEP @ 18,914'

Planned Operations: CIRCULATE TOOH WITH TEN STANDS PUMP SLUG LAY DOWN DP.

Toolpusher: LUKE BOYD

Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER

Tel No.: 575-200-8648

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	7:30	1.50	18,113	DRILS	SLIDE DRILL FROM 18,038' TO 18,113', 60R, GPM 600, WOB 40, TQ 9, 4,300, DIFF 200	
7:30	11:00	3.50	18,331	DRILR	ROTATE DRILL FROM 18,113' TO 18,331' GPM 600, WOB 25-30, TQ 16, PSI 4,500, DIFF 300	
11:00	13:30	2.50	18,415	DRILS	SLIDE DRILL FROM 18,331' TO 18,415', 145R, GPM 600, WOB 45, TQ 9, PSI 4,400, DIFF 325	
13:30	14:00	0.50	18,448	DRILR	ROTATE DRILL FROM 18,415' TO 18,448', GPM 600, WOB 25, TQ 16, PSI 4,500, DIFF 400	
14:00	15:00	1.00	18,498	DRILS	SLIDE DRILL FROM 18,448' TO 18,498', 160R, GPM 600, WOB 45, TQ 9, PSI 4,400, DIFF 325	
15:00	16:00	1.00	18,541	DRILR	ROTATE DRILL FROM 18,498' TO 18,541', GPM 600, WOB 25, TQ 16, PSI 4,500, DIFF 400	
16:00	17:00	1.00	18,566	DRILS	SLIDE DRILL FROM 18,541' TO 18,566', 160R, GPM 600, WOB 45, TQ 9, PSI 4,400, DIFF 325	
17:00	18:00	1.00	18,635	DRILR	ROTATE DRILL FROM 18,566' TO 18,635', GPM 600, WOB 25, TQ 16, PSI 4,500, DIFF 300	
18:00	19:30	1.50	18,698	DRILS	SLIDE DRILL FROM 18,635' TO 18,698', 160R, GPM 600, WOB 37, , PSI 4,400, DIFF 225	
19:30	20:00	0.50	18,725	DRILR	ROTATE DRILL FROM 18,698' TO 18,725', GPM 600, WOB 25, TQ 18, PSI 4,500, DIFF 550.	
20:00	21:30	1.50	18,770	DRILS	SLIDE DRILL FROM 18,725' TO 18,770', 180R, GPM 600, WOB 40, PSI 4,550, DIFF 125	
21:30	23:30	2.00	18,914	DRILR	ROTATE DRILL FROM 18,770' TO 18,914', GPM 600, WOB 30, TQ 19, PSI 4,500, DIFF 550. (TD @ 18,914', 23:30 4/29/2017)	
23:30	6:00	6.50	18,914	CIRC	PUMP 5 X 40 BBLS HI VIS SWEEPS AND CIRCULATE HOLE CLEAN WORKING PIPE CONTINUOUSLY W/600 GPM 85 RPM	

Comments

LAST SURVEY @ 18,857', 90.90 INC, 7.80 AZ, 8102.82 TVD, 11148.56' VERT SEC, 5.28 DLS, @ BIT 25.2' ABOVE , 2.2' LEFT.

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55	
FULL	9.625	0		7,385		INT1	12.250	40	J-55	

Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent
021017	D & C 19050' Horizontal WA	6,631,875	4,126	95,556	47,210	1,389,357	20.95 %
Totals \$:		6,631,875	4,126	95,556	47,210	1,389,357	20.95 %

Mud Information

%														Gels			Temp		Mud	
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss
29-Apr-17 21:00 at Depth 18,748 ft Mud Pits, Type: Oil Base Mud																				
9.10	67	16	14	8.8	2		8.2	60.5	29		8	59000		241864	11	14			147	

Mud Consumables


Item Description		Qty.	Cost	Item Description		Qty.	Cost
ABS MUL - GALS		135	1,262	AES VIS III - SACK		7	574
AES VIS LS (50) - EA		3	274	CaCL2 - 50#SK		8	117
ENGINEER - DAY		1	800	ENGINEERing diem - EA		1	50
GXM - 50#SK		16	601	Lime - 50#SK		9	64
NUT PLUG - 50#SK		13	231	ShALETEx II - 50#SK		2	153


Bit/BHA/Workstring Information

				Depth	This Run		R.O.P.			Mud				Pump					
No Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HPH	JIF	
3	1	ULTERI	616M	8.750	8406	10,545	133.5	79.0	185.0	25	70	19	9	600	4500	104	88	31	293
Jets: 22 22 22 22 22				Out: 18914		Grade: Cutter: /		Dull: /		Wear:		Brgs:		Gge:		Pull:			
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																			

Drilling Parameters

Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	(psi)
18,038	18,914	80.0	175.0	25	34	60	85	12	19	600	600	4,500
Annular Velocity:		Drill Collars:		Drill Pipe:		285.2						

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>																		
Report No: 21		Report For 06:00 AM 30-Apr-17																		
Miscellaneous Drilling Parameters																				
Hook Loads (lbs):		Off Bottom Rotate: 183,000			Pick Up: 192,000		Slack Off: 165,000		Drag Avg/Max:		15 / 25									
Slow Circulation Data:																				
Pump 1:		30 spm		660 psi		40 spm		760 psi		50 spm		860 psi								
Pump 2:		30 spm		650 psi		40 spm		760 psi		50 spm		850 psi								
Pump 3:		30 spm		650 psi		40 spm		760 psi		50 spm		850 psi								
Survey Information																				
Survey Type		Meas. Depth		Inc.		Azimuth		TVD		Closure		Vertical Section		Coordinates						
												N-S		E-W D.L.S.						
MWD		17,981.0		91.12		0.3		8,116.7		10,217.7		10,216.4		N 10216.4 E 165.8 0.610						
MWD		18,075.0		92.66		0.3		8,113.6		10,311.7		10,310.3		N 10310.3 E 166.4 1.638						
MWD		18,170.0		92.40		1.1		8,109.4		10,406.6		10,405.2		N 10405.2 E 167.6 0.875						
MWD		18,264.0		92.31		360.0		8,105.6		10,500.5		10,499.1		N 10499.1 E 168.5 1.216						
MWD		18,358.0		92.44		1.3		8,101.7		10,594.4		10,593.1		N 10593.1 E 169.5 1.410						
MWD		18,453.0		90.29		3.1		8,099.4		10,689.4		10,688.0		N 10688.0 E 173.1 2.924						
MWD		18,547.0		89.14		4.2		8,099.9		10,783.2		10,781.8		N 10781.8 E 179.1 1.723						
MWD		18,641.0		90.51		5.3		8,100.2		10,877.0		10,875.4		N 10875.4 E 186.9 1.896						
MWD		18,735.0		88.44		5.9		8,101.0		10,970.7		10,969.0		N 10969.0 E 196.1 2.273						
MWD		18,830.0		89.54		7.4		8,102.7		11,065.3		11,063.3		N 11063.3 E 207.0 1.958						
MWD		18,857.0		90.90		7.8		8,102.6		11,092.1		11,090.1		N 11090.1 E 210.6 5.283						
Mud Log Information																				
Depth (ft)		TVD (ft)		Gas (Units)			Gas		Drilling		Pore		Mud		Shale		ROP			
From To		From To		Avg Max		at Depth		Connect. Trip		Exp.		Press		Dens. Dens.		Shale Sand				
17,997 18,914		8,118 8,101		626 626		18132		335						9.00						
Formation Name: WOLFCAMPA																				
Lithology: 100% SH																				
Rig Information																				
Equipment Problems:																				
Location Condition:																				
Transport:																				
Bulk Inventory																				
Item Type			Units			Beginning			Used			Received			On Hand			Net		
Fuel			GALS			10,016			3,271			2,518			9,263			-753		
Office trailer generator			GALS			250			50						200					
Mud			GALS			3,562			2,761			2,022			2,823			-739		
Safety Information																				
Meetings/Drills			Time			Description														
Safety			30			SLIPS TRIPS AND FALLS MAKING UP STANDS IN MOUSE HOLE														
First Aid Treatments:			Medical Treatments:			Lost Time Incidents:			Days Since LTI:			17								
<input type="checkbox"/> BOP Test			<input checked="" type="checkbox"/> Crownamatic Check																	
Weather Information																				
Sky Condition:			CLEAR			Visibility:			10											
Air Temperature:			41 degF			Bar. Pressure:			30											
Wind Speed/Dir:			14 / WNW			Wind Gusts:														
Rental Tools Information																				
Type		Description				Serial No.		Vendor		Acct Code		Today's Cost \$		Start		End				
Trailer		HOUSING						TREND		9240-01		550		14-Apr-17						
Frac Tanks		FRAC TANKS						THORPE		9210-01		150		14-Apr-17						
PVT		RIG SENSE						TOTCO		9240-01		363		14-Apr-17						
Rotating Hd.		ROTATING HEAD						AIR DRIL		9240-01		120		14-Apr-17						
H2S		H2S MONITORS						AMPRO		9240-01		90		14-Apr-17						
Rig Vac		MUD VAC						RENTAL E		9240-01		75		14-Apr-17						
Light Tower		LIGHT TOWER						CACTUS		9240-01		125		14-Apr-17						
SPOOLS		SPOOLS						MONAHANS		9240-01		200		14-Apr-17						
drive over		DRIVE OVER						MCGUIRE		9240-01		86		14-Apr-17						
OBM Control		CENTERFUGE						DES		9210-01		3,050		14-Apr-17						
Frac Tanks		OIL FRAC TANKS						PURITY		9210-01		250		14-Apr-17						
Mud Bucket		MUD BUCKET						STABIL		9240-01		100		14-Apr-17						
Mud logger		MUD LOGGER						RILEY		9230-01		1,050		21-Apr-17						
Total Daily Rental Cost \$:												6,209								

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>										<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																																										
Report No: 22										Report For 06:00 AM 01-May-17																																											
Operator: Sem Operating					Rig: H&P 467					Spud Date: 10-Apr-17					Daily Cost / Mud (\$): 54,403 / 2,449																																						
Measured Depth (ft): 18914					Drilling Days (act.): 22					Well Bore: Original Well Bore					AFE No.		AFE (\$)		Actual (\$)																																		
Vertical Depth (ft): 8101					Drilling Days (plan):					RKB Elevation (ft): 2,657.20					021017		6,631,875		1,443,760																																		
Proposed TD (ft):					Days On Location: 18					Last BOP Test: 16-Apr-17																																											
Hole Made (ft) / Hrs: 0 / 0.0					Last Casing: 9.625 at 7,385										Totals:		6,631,875		1,443,760																																		
Average ROP (ft/hr):					Next Casing:					Working Interest:					Well Cost (\$):				1,443,760																																		
Pers/Hrs:		Operator: 2 / 24			Contractor: 12 / 144			Service: 5 / 60			Other: 0 / 0			Total:				19 / 228																																			
SafetySummary: No incidents or events reported. 18 days since LTI. Conducted Crown Check, Safety Meeting.																																																					
Current Operations: LAYING DOWN DIRECTIONAL TOOLS.																																																					
Planned Operations: CLEAR OFF RIG FLOOR RIG UP CASING TOOLS AND RUN 5.5" CASING.																																																					
Toolpusher: LUKE BOYD																																																					
Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER															Tel No.: 575-200-8648																																						
Operations Summary																																																					
From		To		Elapsed		End MD(ft)		Code		Operations Description										Non-Prod																																	
6:00		8:00		2.00		18,914		CIRC		FINISH CIRCULATING CLEAN UP CYCLE																																											
8:00		19:30		11.50		18,914		TRPO		POOH FROM 18,914' TO 6,961', CONTACTED TRRC @ 1808 HOURS FOR INTENT TO CEMENT PRODUCTION, OPERATOR NAME KARA																																											
19:30		21:00		1.50		18,914		CUTDL		SLIP AND CUT 117' DRILLING LINE																																											
21:00		5:30		8.50		18,914		DPLD		CONTINUE LAYING DOWN DP FROM 6,961' TO DIRECTIONAL TOOLS																																											
5:30		6:00		0.50		18,914		TRPO		LAYING DOWN BHA																																											
Casing/Tubular Information																																																					
Type		Size (ins)		Top MD (ft)		Top TVD (ft)		Bottom MD (ft)		Bottom TVD (ft)		Hole Section		OH Diam. (ins)		Nom. Wgt. (lbs)		Nominal Grade		LOT (lbs/gal)																																	
FULL		13.375		0		580		578		580		SURF		17.500		55		J-55																																			
FULL		9.625		0				7,385				INT1		12.250		40		J-55																																			
Cost/AFE Information																																																					
AFE No		AFE Description					AFE Amount			Daily Mud			Well Mud			Daily Total			Well Total			% Spent																															
021017		D & C 19050' Horizontal WA					6,631,875			2,449			98,005			54,403			1,443,760			21.77 %																															
Totals \$:							6,631,875			2,449			98,005			54,403			1,443,760			21.77 %																															
Mud Information																																																					
										%												Gels		Temp		Mud																											
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		Cl		Ca		CaCl		10s		10m		30m		In		Out		Loss													
30-Apr-17 21:00 at Depth 18,914 ft Mud Pits, Type: Oil Base Mud																																																					
9.10		81		18		15		10		2				8.3		61.5		28				7.9		56000				238743		12		15																					
Mud Consumables																																																					
Item Description										Qty.		Cost		Item Description										Qty.		Cost																											
AES VIS III - SACK										4		328		AES VIS LS (50) - EA										1		91																											
Barite - 100#SK										60		751		CaCL2 - 50#SK										21		307																											
ENGINEER - DAY										1		800		ENGINEERing diem - EA										1		50																											
Lime - 50#SK										17		121																																									
Bit/BHA/Workstring Information																																																					
No Run		Make		Model		Diam		Depth In		This Run Dist		Hrs		R.O.P. Avg		Max		WOB		RPM		Torque		Wt		Mud Flow		Pump Press		J. Vel		P. Drp		HHP		JIF																	
3		1		ULTERI		616M		8.750		8406		10,545		133.5																																							
Jets: 22 22 22 22 22										Out: 18914		Grade: Cutter:		/		Dull: /		Wear:		Brgs:		Gge:		Pull:																													
BHA - No. 3 - BIT, MMTR, UBHO, 2 NONMAG, XO, 75 DP, AGITAT = 2485.62																																																					
Rig Information																																																					
Equipment Problems:																																																					
Location Condition:																																																					
Transport:																																																					
Bulk Inventory																																																					
Item Type										Units		Beginning		Used		Received		On Hand		Net																																	
Fuel										GALS		9,263		1,154				8,109																																			
Office trailer generator										GALS		200		50				150																																			
Mud										GALS		2,823		929				1,894																																			
Safety Information																																																					
Meetings/Drills										Time										Description																																	
Safety										LAYIND DOWN DP LAYING DOWN BHA.																																											
First Aid Treatments:										Medical Treatments:										Lost Time Incidents:										Days Since LTI:										18													
<input type="checkbox"/> BOP Test										<input checked="" type="checkbox"/> Crownamatic Check																																											
Weather Information																																																					
Sky Condition: CLEAR										Visibility: 10																																											
Air Temperature: 50 degF										Bar. Pressure: 29																																											
Wind Speed/Dir: 9 / S										Wind Gusts:																																											
Rental Tools Information																																																					
Type		Description								Serial No.				Vendor				Acct Code				Today's Cost \$		Start		End																											
Trailer		HOUSING												TREND				9240-01				550		14-Apr-17																													
Frac Tanks		FRAC TANKS												THORPE				9210-01				150		14-Apr-17																													
PVT		RIG SENSE												TOTCO				9240-01				363		14-Apr-17																													



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX


Report No: 22


Report For 06:00 AM 01-May-17

Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	02-May-17
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	02-May-17
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	02-May-17
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	200	14-Apr-17	02-May-17
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	3,050	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	02-May-17
Mud logger	MUD LOGGER		RILEY	9230-01	1,050	21-Apr-17	30-Apr-17

Total Daily Rental Cost \$: 6,209

	Daily Drilling Report Well ID: 42-383-39819 Job ID: Original Field: Impossible		SEM Operating Company, LLC Well Name: University 9C 1207WA Sect: 12 County: Reagan State: TX														
Report No: 23		Report For 06:00 AM 02-May-17															
Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 34,546 / 850											
Measured Depth (ft): 18914		Drilling Days (act.): 23		Well Bore: Original Well Bore		AFE No. AFE (\$) Actual (\$)											
Vertical Depth (ft): 8101		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017 6,631,875 1,502,691											
Proposed TD (ft):		Days On Location: 19		Last BOP Test: 16-Apr-17													
Hole Made (ft) / Hrs: 0 / 0.0		Last Casing: 9.625 at 7,385				Totals: 6,631,875 1,502,691											
Average ROP (ft/hr):		Next Casing:		Working Interest:		Well Cost (\$): 1,502,691											
Current Ops: RUNNING CASING @ 18,614'																	
Planned Ops: CEMENT 5.5" CASING DISPLACE CASING NIPPLE DOWN SET SLIPS.																	
Toolpusher: JUAN CANTU				Supervisors:		Tel No.: 575-200-8648											
Comments:																	
Operations Summary																	
From	To	Elapsed	End MD(ft)	Code	Operations Description			Non-Prod									
6:00	7:00	1.00	18,914	BHAOP	FINISH LAYING DOWN BHA												
7:00	7:30	0.50	18,914	CRF	CLEAN OFF RIG FLOOR												
7:30	9:00	1.50	18,914	RIGU	RIGGING UP EXPRESS CASING CREW												
9:00	9:30	0.50	18,914	SAFETY	SAFETY MEETING WITH ALL RIG PERSONAL ON THE RIG												
9:30	13:00	3.50	18,914	CASE	MAKE UP SHOE JOINT AND TEST FLOAT COLLAR, RUN 5 1/2" PRODUCTION CASING TO 2,419'												
13:00	13:30	0.50	18,914	REPS	EXPRESS ENERGY POWER UNIT BLEW A HOSE, CHANGE OUT WITH SPARE UNIT.			X									
13:30	5:30	16.00	18,914	CASE	CONTINUE RUNNING 5.5 20# HCP-110 GBCD, FLOAT SHOE, 2.50, 1 JNT 5.5" CSG 41.90, FLOAT COLLAR, 1.85, RUN 218 JNTS 5.5: CASING = 9364.15', 1 MARKER JOINT - 17.36', RUN 23 JOINTS 5.5" CASING = 988.41, FLOTATION COLLAR, 1.65', RUN 26 JOINTS 5.5 CASING = 1113.30', 1 MARKER JOINT=16.55', RUN 172 JOINTS 5.5" CASING =7368.94', TP RUN 440 JOINTS= 18,916.84'.SET @ 18,912'. CURRENTLY RUNNING CASING @ 18,617'												
5:30	6:00	0.50	18,914	INSTAL	REMOVE ROTATING HEAD												
Bit Information																	
No/Run	Make	Model	Diam	Jets 1-4	Dist	Hrs	ROP	WOB	RPM	Torq	MudWt	Flow	Press	J.Vel	P.Drp	HHP	JIF
3 1	ULTER	616M	8.750	22 22 22 22	10,545	133.											
DepthOut:		18,914	Cutter:Inner/Outer:		1/1	Dull:Maj/Oth:		CT/NO	WearLoc:		T	Brgs:	X	Gauge:		Pull: TD	
Mud Reports																	
Date/Time	Dens.	Vis.	PV	YP	Filt.	Cake	pH	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	Gels	Temp In/Out
01-May-17 21:00	9.10	77	18	14	10	2		8.3	61.5	28		7.9	56000		238.	11 / 15 /	/
Drilling Parameters						Mud Log											
Depth	ROP	Av/Mx	WOB	RPM	Torque	Flow	AV:DC	AV:DP	Press.	Depth	Gas:Back	Max	Conn	Trip	Pore	Pres.	
No Drilling Parameters Records for this report.						No Mud Log Information for this report.											
Surveys								BHA #3									
MD	Inc.	Azim.	TVD	NS	EW	VS	DLS	Closure	Survey Type	Qty	O.D.	Item	Length				
No Survey Data for this report.										1	8.750	BIT	1.00				
										1	7.000	MMTR	32.87				
										1	6.500	UBHO	2.98				
										1	6.500	NONMAG	31.21				
										1	6.500	NONMAG	31.01				
										1	6.375	XO	2.26				
										75	5.000	DP	2356.51				
Inventory						Safety Information						1	6.875	AGITAT	27.78		
Item	Used	Invent.	Item	Used	Invent.	LTI:	Days Since:	19	Med:	1st Aid:	Weight Buoyed Wt Total Lgth 70076 60543 2485.62						
FUEL	971	7,138	GENERATC		150	Accident Description:											
DIESEL		1,894			Oper: 2 Cont: 12 Serv: 4 Othr: 6												
Total Personnel: 24 Hours: 288																	
Rig/Weather Information																	
Equipment Problems:																	
Location Condition:																	
Transport Status:																	

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>								
Report No: 24		Report For 06:00 AM 03-May-17								
Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 464,747 / 34,317				
Measured Depth (ft): 18914		Drilling Days (act.): 24		Well Bore: Original Well Bore		AFE No. AFE (\$) Actual (\$)				
Vertical Depth (ft): 8101		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017 6,631,875 1,968,798				
Proposed TD (ft):		Days On Location: 20		Last BOP Test: 16-Apr-17						
Hole Made (ft) / Hrs: 0 / 0.0		Last Casing: 5.500 at 18,914				Totals: 6,631,875 1,968,798				
Average ROP (ft/hr):		Next Casing:		Working Interest:		Well Cost (\$): 1,968,798				
Pers/Hrs: Operator: 2 / 24		Contractor: 12 / 144		Service: 3 / 36		Other: 8 / 96 Total: 25 / 300				
SafetySummary: No incidents or events reported. 20 days since LTI. Conducted Crown Check, Safety Meeting.										
Current Operations: RIG DOWN GET READY FOR TRUCKS.										
Planned Operations: LAY DERRICK OVER AND RIG DOWN AND MOVE TO UNIVERSITY 9C 1201WB.										
Toolpusher: JUAN CANTU										
Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER						Tel No.: 575-200-8648				
Operations Summary										
From	To	Elapsed	End MD(ft)	Code	Operations Description		Non-Prod			
6:00	7:00	1.00	18,914	CASE	RUNNING CASING FROM 18,617' TO 18,914' TO BOTTOM					
7:00	11:00	4.00	18,914	CIRC	FILL CASING AND BURST FLOTATION COLLAR @ 2,912 PSI, BLEED OUT AIR AND DROP WIPER PLUG AND PUMP 420 BBLS, FULL CASING VOLUME					
11:00	19:00	8.00	18,914	CMTPT	SAFETY MEETING, TEST LINES PUMP 40 BBLS OBM RECOVERY BRINE, 310 BBLS BRINE, LEAD CEMENT, TAIL CEMENT, DROP 1,500 PSI PLUG AND PUMP 15 BBLS SUGAR WATER, DROP 3,000 PSI PLUG AND DISPLACE WITH 404 BBLS FRESH WATER, BUMP FIRST PLUG AND BURST, PUMP THE 15 BBLS SUGAR WATER AND BUMP SECOND PLUG @ 2900 PSI AND RELEASE PRESSURE IMMEDIATELY GOT 4 BBLS BACK FLOATS HELD.CIRCULATED 79 BBLS CEMENT TO PIT 177 SXS.					
19:00	19:30	0.50	18,914	CMTPT	FLUSH BOP AND FLOW LINE WITH SUGAR WATER.					
19:30	20:00	0.50	18,914	CMTPT	RIG DOWN CEMENT HEAD AND LINES.					
20:00	20:30	0.50	18,914	OTHER	PJSM WITH MONAHANS NIPPLE DOWN CREW.					
20:30	21:30	1.00	18,914	NDSTAC	NIPPLE DOWN BOP AND 4"HCR AND CHOKE LINE FLOW LINE REMOVE TURNBUCKLES RAISE BOP AND SET SLIPS WITH 110K EXCLUDING BLOCKS AND TOP DRIVE.					
21:30	22:00	0.50	18,914	OTHER	MAKE ROUGH CUT ON CASING AND LAY DOWN SAME AND BAILS AND SLIPS AND ELEVATORS					
22:00	23:00	1.00	18,914	NDSTAC	REMOVE SPACER SPOOL AND INSTALL NIGHT CAP TORQUE SAME .					
23:00	6:00	7.00	18,914	RD	CONTINUE CLEANING MUD PITS AND RIGGING DOWN RIG FLOOR PRE PAIR FOR RIG MOVE,(RIG RELEASED @ 06:00 AM 5/3/2017.)					
Comments										
RIG RELEASED @ 06:00 ON 5/3/2017.										
Casing/Tubular Information										
Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55	
FULL	9.625	0		7,385		INT1	12.250	40	J-55	
FULL	5.500	0		18,914	8,101	PROD	8.750	20	HCP-110	
Cost/AFE Information										
AFE No	AFE Description			AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent	
021017	D & C 19050' Horizontal WA			6,631,875	34,317	169,385	464,747	1,968,798	29.69 %	
Totals \$:				6,631,875	34,317	169,385	464,747	1,968,798	29.69 %	
Mud Consumables										
Item Description				Qty.	Cost	Item Description		Qty.	Cost	
AES VERT LOSS BBLS - BBLS				409	33,411	Drilling paper - 40#SK		1	13	
ENGINEER - DAY				1	800	ENGINEERing diem - EA		1	50	
Lime - 50#SK				6	43					
Rig Information										
Equipment Problems:										
Location Condition:										
Transport:										
Bulk Inventory										
Item Type				Units	Beginning	Used	Received	On Hand	Net	
Fuel				GALS	7,138	583	0	6,555	-583	
Office trailer generator				GALS	150	50	0	100	-50	
Mud				GALS	1,894	0	0	1,894	0	
Safety Information										
Meetings/Drills		Time		Description						
Safety		30		CEMENT CASING NIPLE DOWN BOP						
First Aid Treatments:				Medical Treatments:		Lost Time Incidents:		Days Since LTI:		20
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check								
Weather Information										
Sky Condition: CLEAR				Visibility:		10				
Air Temperature: 73 degF				Bar. Pressure:		29				
Wind Speed/Dir: 16 / S				Wind Gusts:						



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX


Report No: 24


Report For 06:00 AM 03-May-17


Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	550	14-Apr-17	
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	3,050	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	

Total Daily Rental Cost \$:	4,574
------------------------------------	--------------

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>					
Report No: 5		Report For 06:00 AM 13-Apr-17					
Operator: Sem Operating		Rig: H&P 467		Spud Date:		Daily Cost / Mud (\$): 93,789 / 0	
Measured Depth (ft): 580		Drilling Days (act.): 5		Well Bore: Original Well Bore		AFE No. AFE (\$) Actual (\$)	
Vertical Depth (ft): 579		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017 6,631,875 93,789	
Proposed TD (ft):		Days On Location: 5		Last BOP Test:			
Hole Made (ft) / Hrs: 580 / 0.0		Last Casing:				Totals: 6,631,875 93,789	
Average ROP (ft/hr):		Next Casing:		Working Interest:		Well Cost (\$): 93,789	
Pers/Hrs: Operator: 2 / 0		Contractor: 12 / 0		Service: 9 / 0		Other: 0 / 0 Total: 23 / 0	
SafetySummary: No incidents or events reported. 1 day since LTI. Conducted Safety Meeting.							
Current Operations: PUTTING DOWN GROUND RODS							
Planned Operations: FIRE UP GEN, PIN DERRICK RAISE DERRICK							
Toolpusher: LUKE BOYD							
Wellsite Supervisors: GUY EMBRY, DARYL MCENTYRE						Tel No.: 575-200-8648	
Operations Summary							
From	To	Elapsed	End MD(ft)	Code	Operations Description		Non-Prod
6:00	18:00	12.00	580	RD	HELD SAFETY MEETING ,UN-SPOOL RIG FLOOR HYD HOISTS,LOWER DOG HOUSE,R/D FLOW LINE, FLOW LINE MANIFOLD,LOWER DOWN DEGASER AND SHAKERS,R/D FLARE LINES,LOWER MAST, LOAD OUT BACK YARD,MP'S WATER TANK,GEN PACKAGE,LOWER SUBSTRUCTURE,LOAD SAME,SPLIT AND LOAD OUT SKID RAILS AND CROSS BEAM,DRAW WORKS SKIDS, KOOMEY UNIT		
18:00	6:00	12.00	580	RIGU	RIGGING UP ROTARY TOOLS/RIG UP MUD PITS,INSTALL WALK WAYS,SET R/U MUD PUMPS HOOK UP AIR LINES AND WATER LINES HAMMER UP MUD LINES,R/U BACK YARD,SET VFD GEN 1,2,3 PLUG IN GEN TO VFD, SET FUEL TANK HOOK UP FUEL LINES,SET DAY TANK, HOOK UP SWING ARM FROM MCC TO PITS,R/U SHAKER SKID, HOOK UP TRIP TANK,SET MCC PULL OUT CABLE TRAY HOOK UP VFD, SET DRAW WORKS,SET MSS,SET DOG HOUSE BOP WRANGLER HPU SKID PARTS HOUSE,RAISE SUB AND DOG HOUSE,SET CABLE TRAY IN PLACE FOR SUB, INSTALL FLOW LINE TO SHAKER AND FLOW LINE EXTENSION.		
Cost/AFE Information							
AFE No	AFE Description			AFE Amount	Daily Mud	Well Mud	Daily Total Well Total % Spent
021017	D & C 19050' Horizontal WA			6,631,875	0	0	93,789 93,789 1.41 %
Totals \$:				6,631,875	0	0	93,789 93,789 1.41 %
Rig Information							
Equipment Problems:							
Location Condition:							
Transport:							
Bulk Inventory							
Item Type				Units	Beginning	Used	Received On Hand Net
Fuel				GALS	4,000	264	3,736
Office trailer generator				GALS	0		0
Mud				GALS	0		0
Safety Information							
Meetings/Drills		Time		Description			
Safety		30		RIGGING DOWN,MOVING RIG			
First Aid Treatments:		Medical Treatments:		Lost Time Incidents:		Days Since LTI: 1	
<input type="checkbox"/> BOP Test		<input type="checkbox"/> Crownamatic Check					
Rental Tools Information							
Type	Description	Serial No.		Vendor	Acct Code	Today's Cost \$	Start End
Trailer	HOUSING			TREND	9240-01	550	13-Apr-17
Frac Tanks	FRAC TANKS			THORPE	9210-01	150	13-Apr-17
PVT	RIG SENSE			TOTCO	9240-01	363	13-Apr-17
Rotating Hd.	ROTATING HEAD			AIR DRIL	9240-01	120	13-Apr-17
H2S	H2S MONITORS			AMPRO	9240-01	90	13-Apr-17
Rig Vac	MUD VAC			RENTAL E	9240-01	75	13-Apr-17
Light Tower	LIGHT TOWER			CACTUS	9240-01	125	13-Apr-17
SPOOLS	SPOOLS			MONAHANS	9240-01	100	13-Apr-17
drive over	DRIVE OVER			MCGUIRE	9240-01	86	13-Apr-17
OBM Control	CENTERFUGE			DES	9210-01	1,520	13-Apr-17
Frac Tanks	OIL FRAC TANKS			PURITY	9210-01	250	13-Apr-17
Mud Bucket	MUD BUCKET			STABIL	9240-01	100	13-Apr-17
Total Daily Rental Cost \$:						3,529	

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>																			
Report No: 6		Report For 06:00 AM 14-Apr-17																			
Operator: Sem Operating		Rig: H&P 467		Spud Date:		Daily Cost / Mud (\$): 98,272 / 3,988															
Measured Depth (ft): 580		Drilling Days (act.): 6		Well Bore: Original Well Bore		AFE No. AFE (\$) Actual (\$)															
Vertical Depth (ft): 579		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017 6,631,875 299,394															
Proposed TD (ft):		Days On Location: 6		Last BOP Test:																	
Hole Made (ft) / Hrs: 0 / 0.0		Last Casing:				Totals: 6,631,875 299,394															
Average ROP (ft/hr):		Next Casing:		Working Interest:		Well Cost (\$): 299,394															
Pers/Hrs: Operator: 2 / 24		Contractor: 11 / 132		Service: 0 / 0		Other: 3 / 36 Total: 16 / 192															
SafetySummary: No incidents or events reported. 2 days since LTI. Conducted Safety Meeting.																					
Current Operations: HOOKING UP PANIC LINE AND DRIVE OVER																					
Planned Operations: NIPPLE UP BOPS TEST, P/U BHA																					
Toolpusher: LUKE BOYD																					
Wellsite Supervisors: GUY EMBRY, DARYL MCENTYRE						Tel No.: 575-200-8648															
Operations Summary																					
From	To	Elapsed	End MD(ft)	Code	Operations Description		Non-Prod														
6:00	18:00	12.00	580	RIGU	SPOTTED CABLE TRAY FOR SKIDDING PLUGGED IN ALL ELECTRICAL PLUGS TO DWS MCC AND ODS SUB, RAISE GAS BUSTER PREPARED MAST TO BE RAISE, HELD S/M RAISE MAST R/U HYD HOIST, ORGANIZED RIG FLOOR, R/U PDS AND V-DOOR,PLUGGED IN DOG HOUSE DEFAULT ARM KOOMEY UNIT CONTROLS , FUNCTION TEST DWS,PDS,MP'S,TRIP TANK, SHAKERS,HPU 1 AND 2.																
18:00	6:00	12.00	580	RIGU	TRANSFER OVER TO RIG POWER/TEST RUN TOP DRIVE MUD PUMPS AND DRAW WORKS,SPOOL UP DRILL LINE UNLOCK TOP DRIVE CALIBRATE SAME,UN PIN BOOM POLLS,R/U MUD LINE FROM SUB TO MCC/INSTALL BULL PLUG ON MUD TANKS,MAKE UP STAND PIPE ON RIG FLOOR ,INSTALL RED IRON FOR COFLEX LINE,INSTALL DRILLER SIDE STAIRS,MAKE UP FLOW LINE TO FLOW LINE EXTENSION , CHANGE OUT SAVER SUB AND SWIVEL PACKING																
Cost/AFE Information																					
AFE No	AFE Description			AFE Amount	Daily Mud	Well Mud	Daily Total Well Total % Spent														
021017	D & C 19050' Horizontal WA			6,631,875	3,988	3,988	98,272 299,394 4.51 %														
Totals \$:				6,631,875	3,988	3,988	98,272 299,394 4.51 %														
Mud Information																					
%																Gels			Temp		Mud
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss	
13-Apr-17 22:00 at Depth 580 ft																					
9.70	29																				
Mud Consumables																					
Item Description				Qty.	Cost	Item Description				Qty.	Cost										
ENGINEER - DAY				2	1,600	ENGINEERING diem - EA				2	100										
Forklift - EA				1	150	Shrink Wrap - EA				24	300										
Trucking - EA				1	750	Trucking (CWT) - EA				435	1,088										
Rig Information																					
Equipment Problems:																					
Location Condition:																					
Transport:																					
Bulk Inventory																					
Item Type				Units	Beginning	Used	Received	On Hand	Net												
Fuel				GALS	3,736	0		3,736													
Office trailer generator				GALS	0	20	50	30	30												
Mud				GALS	0	0		0													
Safety Information																					
Meetings/Drills		Time		Description																	
Safety		30		RIGGING UP, HOOKING UP ELEC LINES, RAISING DERRICK																	
First Aid Treatments:				Medical Treatments:				Lost Time Incidents:				Days Since LTI:				2					
<input type="checkbox"/> BOP Test		<input type="checkbox"/> Crownamatic Check																			
Rental Tools Information																					
Type	Description				Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End											
Trailer	HOUSING					TREND	9240-01	550	13-Apr-17												
Frac Tanks	FRAC TANKS					THORPE	9210-01	150	13-Apr-17												
PVT	RIG SENSE					TOTCO	9240-01	363	13-Apr-17												
Rotating Hd.	ROTATING HEAD					AIR DRIL	9240-01	120	13-Apr-17												
H2S	H2S MONITORS					AMPRO	9240-01	90	13-Apr-17												
Rig Vac	MUD VAC					RENTAL E	9240-01	75	13-Apr-17												
Light Tower	LIGHT TOWER					CACTUS	9240-01	125	13-Apr-17												
SPOOLS	SPOOLS					MONAHANS	9240-01	100	13-Apr-17												
drive over	DRIVE OVER					MCGUIRE	9240-01	86	13-Apr-17												
OBM Control	CENTERFUGE					DES	9210-01	1,520	13-Apr-17												
Frac Tanks	OIL FRAC TANKS					PURITY	9210-01	250	13-Apr-17												
Mud Bucket	MUD BUCKET					STABIL	9240-01	100	13-Apr-17												
Total Daily Rental Cost \$:								3,529													

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>																																							
Report No: 6		Report For 06:00 AM 15-Apr-17																																							
Operator: Sem Operating			Rig: H&P 467			Spud Date: 10-Apr-17			Daily Cost / Mud (\$): 29,772 / 3,988																																
Measured Depth (ft): 580			Drilling Days (act.): 6			Well Bore: Original Well Bore			AFE No. 021017		AFE (\$) 6,631,875		Actual (\$) 302,894																												
Vertical Depth (ft): 579			Drilling Days (plan):			RKB Elevation (ft): 2,657.20																																			
Proposed TD (ft):			Days On Location: 2			Last BOP Test:																																			
Hole Made (ft) / Hrs: 0 / 0.0			Last Casing: 13.375 at 578						Totals:		6,631,875		302,894																												
Average ROP (ft/hr):			Next Casing:			Working Interest:			Well Cost (\$):				302,894																												
Pers/Hrs: Operator: 2 / 24		Contractor: 11 / 132		Service: 0 / 0		Other: 3 / 36		Total:						16 / 192																											
SafetySummary: No incidents or events reported. 2 days since LTI. Conducted Safety Meeting.																																									
Current Operations: HOOKING UP PANIC LINE AND DRIVE OVER																																									
Planned Operations: NIPPLE UP BOPS TEST, P/U BHA																																									
Toolpusher: LUKE BOYD																																									
Wellsite Supervisors: GUY EMBRY, DARYL MCENTYRE										Tel No.: 575-200-8648																															
Operations Summary																																									
From		To		Elapsed		End MD(ft)		Code		Operations Description				Non-Prod																											
6:00		18:00		12:00		580		RIGU		SPOTTED CABLE TRAY FOR SKIDDING PLUGGED IN ALL ELECTRICAL PLUGS TO DWS MCC AND ODS SUB, RAISE GAS BUSTER PREPARED MAST TO BE RAISE, HELD S/M RAISE MAST R/U HYD HOIST, ORGANIZED RIG FLOOR, R/U PDS AND V-DOOR,PLUGGED IN DOG HOUSE DEFAULT ARM KOOMEY UNIT CONTROLS , FUNCTION TEST DWS,PDS,MP'S,TRIP TANK, SHAKERS,HPU 1 AND 2.																															
18:00		6:00		12:00		580		RIGU		TRANSFER OVER TO RIG POWER/TEST RUN TOP DRIVE MUD PUMPS AND DRAW WORKS,SPOOL UP DRILL LINE UNLOCK TOP DRIVE CALIBRATE SAME,UN PIN BOOM POLLS,R/U MUD LINE FROM SUB TO MCC/INSTALL BULL PLUG ON MUD TANKS,MAKE UP STAND PIPE ON RIG FLOOR ,INSTALL RED IRON FOR COFLEX LINE,INSTALL DRILLER SIDE STAIRS,MAKE UP FLOW LINE TO FLOW LINE EXTENSION , CHANGE OUT SAVER SUB AND SWIVEL PACKING																															
Casing/Tubular Information																																									
Type		Size (ins)		Top MD (ft)		Top TVD (ft)		Bottom MD (ft)		Bottom TVD (ft)		Hole Section		OH Diam. (ins)		Nom. Wgt. (lbs)		Nominal Grade		LOT (lbs/gal)																					
FULL		13.375		0		580		578		580		SURF		17.500		55		J-55																							
Cost/AFE Information																																									
AFE No		AFE Description				AFE Amount		Daily Mud		Well Mud		Daily Total		Well Total		% Spent																									
021017		D & C 19050' Horizontal WA				6,631,875		3,988		3,988		29,772		302,894		4.57 %																									
		Totals \$:				6,631,875		3,988		3,988		29,772		302,894		4.57 %																									
Mud Information																																									
%														Gels		Temp		Mud																							
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		Cl		Ca		CaCl		10s		10m		30m		In		Out		Loss	
13-Apr-17 22:00 at Depth 580 ft																																									
9.70		29																																							
Mud Consumables																																									
Item Description				Qty.		Cost		Item Description				Qty.		Cost																											
ENGINEER - DAY				2		1,600		ENGINEERing diem - EA				2		100																											
Forklift - EA				1		150		Shrink Wrap - EA				24		300																											
Trucking - EA				1		750		Trucking (CWT) - EA				435		1,088																											
Rig Information																																									
Equipment Problems:																																									
Location Condition:																																									
Transport:																																									
Bulk Inventory																																									
Item Type				Units		Beginning		Used		Received		On Hand		Net																											
Fuel				GALS		3,736		0		0		3,736		0																											
Office trailer generator				GALS		0		0		0		0		0																											
Mud				GALS		0		0				0																													
Safety Information																																									
Meetings/Drills				Time		Description																																			
Safety				30		RIGGING UP, HOOKING UP ELEC LINES, RAISING DERRICK																																			
First Aid Treatments:				Medical Treatments:				Lost Time Incidents:				Days Since LTI: 2																													
<input type="checkbox"/> BOP Test				<input type="checkbox"/> Crownamatic Check																																					
Rental Tools Information																																									
Type		Description				Serial No.		Vendor		Acct Code		Today's Cost \$		Start		End																									
Trailer		HOUSING						TREND		9240-01		550		14-Apr-17																											
Frac Tanks		FRAC TANKS						THORPE		9210-01		150		14-Apr-17																											
PVT		RIG SENSE						TOTCO		9240-01		363		14-Apr-17																											
Rotating Hd.		ROTATING HEAD						AIR DRIL		9240-01		120		14-Apr-17																											
H2S		H2S MONITORS						AMPRO		9240-01		90		14-Apr-17																											
Rig Vac		MUD VAC						RENTAL E		9240-01		75		14-Apr-17																											
Light Tower		LIGHT TOWER						CACTUS		9240-01		125		14-Apr-17																											
SPOOLS		SPOOLS						MONAHANS		9240-01		100		14-Apr-17																											
drive over		DRIVE OVER						MCGUIRE		9240-01		86		14-Apr-17																											
OBM Control		CENTERFUGE						DES		9210-01		1,520		14-Apr-17																											
Frac Tanks		OIL FRAC TANKS						PURITY		9210-01		250		14-Apr-17																											
Mud Bucket		MUD BUCKET						STABIL		9240-01		100		14-Apr-17																											
Total Daily Rental Cost \$:												3,529																													



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA


Sect: 12 County: Reagan State: TX


Report No: 6


Report For 06:00 AM 15-Apr-17


Rental Tools Information


Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>										<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																																										
Report No: 7										Report For 06:00 AM 16-Apr-17																																											
Operator: Sem Operating					Rig: H&P 467					Spud Date: 10-Apr-17					Daily Cost / Mud (\$): 66,186 / 850																																						
Measured Depth (ft): 705					Drilling Days (act.): 7					Well Bore: Original Well Bore					AFE No.		AFE (\$)		Actual (\$)																																		
Vertical Depth (ft): 705					Drilling Days (plan):					RKB Elevation (ft): 2,657.20		021017		6,631,875		374,580																																					
Proposed TD (ft):					Days On Location: 3					Last BOP Test: 16-Apr-17																																											
Hole Made (ft) / Hrs: 125 / 1.0					Last Casing: 13.375 at 578										Totals:		6,631,875		374,580																																		
Average ROP (ft/hr): 125.0					Next Casing:					Working Interest:					Well Cost (\$):		374,580																																				
Pers/Hrs:		Operator:		2 / 24		Contractor:		11 / 132		Service:		0 / 0		Other:		3 / 36		Total: 16 / 192																																			
SafetySummary: No incidents or events reported. 3 days since LTI. Conducted BOP Test, Crown Check, Safety Meeting.																																																					
Current Operations: DRILLING @ 705'																																																					
Planned Operations: DRILL 12.250 HOLE																																																					
Toolpusher: LUKE BOYD																																																					
Wellsite Supervisors: GUY EMBRY, DARYL MCENTYRE															Tel No.: 575-200-8648																																						
Operations Summary																																																					
From		To		Elapsed		End MD(ft)		Code		Operations Description										Non-Prod																																	
6:00		8:00		2.00		580		RIGU		RIG FLARE LINE PANIC LINE AND DRIVE OVER																																											
8:00		16:00		8.00		580		BOPT		TEST UPPER , LOWER PIPE RAMS , BLIND RAMS, ANNULAR, CHOKE AND KILL VALVES STAND PIPE , MUDLINES, FLOOR VALVES , CHOKE LINE AND CHOKE MANIFOLD VALVES, TO 250 LOW, 3000 HI , 5 MIN EACH,																																											
16:00		17:00		1.00		580		BOPT		TEST CASING TO 1500 PSI FOR FULL 30 MIN. RECORD ALL TESTS ON CHART WITH MONAHANS NIPPLE UP TESTER. RIG DOWN TEST EQUIP																																											
17:00		21:00		4.00		580		RIGU		CONTINUE R/U UP PANIC LINE,INSTALL MOUSE HOLE,FINISH R/U PREMIX TANKS RUN LINES SAME, PICK UP TOOLS, AND TRASH																																											
21:00		23:00		2.00		580		BHAOP		LOAD PIPE RACK AND STRAP BHA																																											
23:00		4:00		5.00		580		BHAOP		PICK UP DIRECTIONAL TOOLS TEST MWD ,MAKE UP BIT TIH WITH BHA TO 555' TAGGING CEMENT																																											
4:00		5:00		1.00		580		DCS		DRILL CMT AND SHOE TRACK FROM 555' TO 580'																																											
5:00		6:00		1.00		580		DRILR		DRILL FROM 580' TO 705'																																											
Casing/Tubular Information																																																					
Type		Size (ins)		Top MD (ft)		Top TVD (ft)		Bottom MD (ft)		Bottom TVD (ft)		Hole Section		OH Diam. (ins)		Nom. Wgt. (lbs)		Nominal Grade		LOT (lbs/gal)																																	
FULL		13.375		0		580		578		580		SURF		17.500		55		J-55																																			
Cost/AFE Information																																																					
AFE No		AFE Description				AFE Amount				Daily Mud				Well Mud				Daily Total				Well Total				% Spent																											
021017		D & C 19050' Horizontal WA				6,631,875				850				4,838				66,186				374,580				5.65 %																											
Totals \$:						6,631,875				850				4,838				66,186				374,580				5.65 %																											
Mud Information																																																					
										%												Gels		Temp		Mud																											
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		Cl		Ca		CaCl		10s		10m		30m		In		Out		Loss													
15-Apr-17 22:00 at Depth 580 ft Mud Pits																																																					
9.70		29		1		1																																															
Mud Consumables																																																					
Item Description										Qty.		Cost		Item Description										Qty.		Cost																											
ENGINEER - DAY										1		800		ENGINEERING diem - EA										1		50																											
Bit/BHA/Workstring Information																																																					
No Run		Make		Model		Diam		Depth In		This Run Dist		Hrs		R.O.P. Avg		Max		WOB		RPM		Torque		Wt		Flow		Press		J. Vel		P. Drp		HHP		JIF																	
1		1		NOV		SK716M		12.250		580		125		1		125.0		300.0		25		30		1,000		10		400		625		49		21		5		99															
Jets: 22 22 22 22 22 22 22 22										Out:		Grade:		Cutter: /		Dull: /		Wear:		Brgs:		Gge:		Pull:																													
BHA - No. 1 - BIT, MMTR, MSUB, NMDC, STAB, NMDC, STAB, SHOCK, XO, 3 DC, XO, 11 DC, JAR, 9 DC, XO = 850.14																																																					
Drilling Parameters																																																					
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure																																									
From To		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max		Avg Max																																									
580 705		125.0 300.0		15 30		30 30		1,000 1,400		400 450		625																																									
Annular Velocity: Drill Collars:				113.9		Drill Pipe:				65.3																																											
Miscellaneous Drilling Parameters																																																					
Hook Loads (lbs):				Off Bottom Rotate:				92,000		Pick Up:		97,000		Slack Off:		89,000		Drag Avg/Max:				3 / 5																															
Rig Information																																																					
Equipment Problems:																																																					
Location Condition:																																																					
Transport:																																																					
Solids Control Information																																																					
Screen Sizes:		Top		Middle 1		Middle 2		Bottom																																													
Shaker No 1:		175		175		175		175																																													
Shaker No 2:		175		175		175		175																																													
Shaker No 3:		175		175		175		175																																													
Bulk Inventory																																																					
Item Type								Units		Beginning		Used		Received		On Hand		Net																																			
Fuel								GALS		3,736		1,011		8,742		11,467		7,731																																			
Office trailer generator								GALS		30		50		455		435		405																																			
Mud								GALS		2,483		0				2,483																																					

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>
Report No: 7		Report For 06:00 AM 16-Apr-17
Safety Information		
Meetings/Drills	Time	Description
Safety	30	PICKING UP BHA, DRILLING
First Aid Treatments:	Medical Treatments:	Lost Time Incidents: Days Since LTI: 3
<input checked="" type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check	
Rental Tools Information		
Type	Description	Serial No. Vendor Acct Code Today's Cost \$ Start End
Trailer	HOUSING	TREND 9240-01 550 14-Apr-17
Frac Tanks	FRAC TANKS	THORPE 9210-01 150 14-Apr-17
PVT	RIG SENSE	TOTCO 9240-01 363 14-Apr-17
Rotating Hd.	ROTATING HEAD	AIR DRIL 9240-01 120 14-Apr-17
H2S	H2S MONITORS	AMPRO 9240-01 90 14-Apr-17
Rig Vac	MUD VAC	RENTAL E 9240-01 75 14-Apr-17
Light Tower	LIGHT TOWER	CACTUS 9240-01 125 14-Apr-17
SPOOLS	SPOOLS	MONAHANS 9240-01 100 14-Apr-17
drive over	DRIVE OVER	MCGUIRE 9240-01 86 14-Apr-17
OBM Control	CENTERFUGE	DES 9210-01 1,520 14-Apr-17
Frac Tanks	OIL FRAC TANKS	PURITY 9210-01 250 14-Apr-17
Mud Bucket	MUD BUCKET	STABIL 9240-01 100 14-Apr-17
Total Daily Rental Cost \$:		3,529

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>										<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																																										
Report No: 8										Report For 06:00 AM 17-Apr-17																																											
Operator: Sem Operating					Rig: H&P 467					Spud Date: 10-Apr-17					Daily Cost / Mud (\$): 37,412 / 5,523																																						
Measured Depth (ft): 3260					Drilling Days (act.): 8					Well Bore: Original Well Bore					AFE No.		AFE (\$)		Actual (\$)																																		
Vertical Depth (ft): 3259					Drilling Days (plan):					RKB Elevation (ft): 2,657.20					021017		6,631,875		409,992																																		
Proposed TD (ft):					Days On Location: 4					Last BOP Test: 16-Apr-17																																											
Hole Made (ft) / Hrs: 2,584 / 21.0					Last Casing: 13.375 at 578										Totals:		6,631,875		409,992																																		
Average ROP (ft/hr): 123.05					Next Casing:					Working Interest:					Well Cost (\$): 409,992																																						
Pers/Hrs:		Operator: 2 / 24			Contractor: 11 / 132			Service: 0 / 0			Other: 5 / 60			Total: 18 / 216																																							
SafetySummary: No incidents or events reported. 4 days since LTI. Conducted Crown Check, Safety Meeting.																																																					
Current Operations: DRILLING 12.250 HOLE @ 3260'																																																					
Planned Operations: DRILL 12.250 HOLE																																																					
Toolpusher: LUKE BOYD																																																					
Wellsite Supervisors: GUY EMBRY, DARYL MCENTYRE															Tel No.: 575-200-8648																																						
Operations Summary																																																					
From		To		Elapsed		End MD(ft)		Code		Operations Description										Non-Prod																																	
6:00		8:00		2.00		987		DRIL		DRLG 12.25" HOLE FROM 676' TO 987' 500 GPM, 550 DIFF, 30 WOB, 30 RPM																																											
8:00		10:00		2.00		987		TRPO		TOOH 5 STD DP PICK UP 10 6.5" DC, AND JARS TIH TO 978'																																											
10:00		12:30		2.50		1,322		DRIL		DRLG 12.25" HOLE F-987' TO 1322' GPM=550, DIFF=650, WOB=35,																																											
12:30		13:00		0.50		1,322		INSTAL		INSTALL ROTATING HEAD																																											
13:00		17:00		4.00		1,980		DRIL		DRLG 12.25" HOLE FROM 1322' TO 1980 GPM=750, DIFF=800, RPM=30 , SPP=2250 (BIT BALLING FROM 1900' TO 1930' AND 1735' TO 1750'																																											
17:00		17:30		0.50		1,980		SERV		SERVICE RIG AND CHK CROWN																																											
17:30		6:00		12.50		3,260		DRILR		DRLG 12.25" HOLE FROM 1980' TO 3260' GPM=700, DIFF=700, RPM=30 , SPP=2200																																											
Casing/Tubular Information																																																					
Type		Size (ins)		Top MD (ft)		Top TVD (ft)		Bottom MD (ft)		Bottom TVD (ft)		Hole Section		OH Diam. (ins)		Nom. Wgt. (lbs)		Nominal Grade		LOT (lbs/gal)																																	
FULL		13.375		0		580		578		580		SURF		17.500		55		J-55																																			
Cost/AFE Information																																																					
AFE No		AFE Description					AFE Amount			Daily Mud			Well Mud			Daily Total			Well Total			% Spent																															
021017		D & C 19050' Horizontal WA					6,631,875			5,523			10,361			37,412			409,992			6.18 %																															
Totals \$:							6,631,875			5,523			10,361			37,412			409,992			6.18 %																															
Mud Information																																																					
															% Gels			Temp			Mud																																
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		Cl		Ca		CaCl		10s		10m		30m		In		Out		Loss													
16-Apr-17 22:00 at Depth 2,535 ft Mud Pits																																																					
10.00		30		1		1				8.5																																											
Mud Consumables																																																					
Item Description								Qty.		Cost		Item Description								Qty.		Cost																															
ENGINEER - DAY								1		800		ENGINEERing diem - EA								1		50																															
Gel - 100#SK								341		3,274		MuLTI-FIBER - 25#SK								1		16																															
Soad ash - 100#SK								13		361		Trucking (CWT) - EA								341		1,023																															
Bit/BHA/Workstring Information																																																					
				Depth		This Run				R.O.P.				Mud				Pump																																			
No Run		Make		Model		Diam		In		Dist		Hrs		Avg		Max		WOB		RPM		Torque		Wt		Flow		Press		J. Vel		P. Drp		HHP		JIF																	
1		1		NOV		SK716M		12.250		580		125		22		5.7		300.0		30		35		10,		10		700		2200		86		67		27		313															
Jets: 22 22 22 22 22 22 22 22								Out:		Grade:		Cutter: /		Dull: /		Wear:		Brgs:		Gge:		Pull:																															
BHA - No. 1 - BIT, MMTR, MSUB, NMDC, STAB, NMDC, STAB, SHOCK, XO, 3 DC, XO, 11 DC, JAR, 9 DC, XO = 851.50																																																					
Drilling Parameters																																																					
Depth (ft)		ROP (ft/hr)				WOB (lbs)				RPM				Torque (ft lbs)				Flow (gals/min)				Pressure																															
From To		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max																	
676		3,260		123.0		300.0		30		45		30		40		10,000		13,500		650		700		2,200																													
Annular Velocity:				Drill Collars:				185.1				Drill Pipe:				106.2																																					
Miscellaneous Drilling Parameters																																																					
Hook Loads (lbs):				Off Bottom Rotate:				133		Pick Up:		134		Slack Off:		130		Drag Avg/Max:				2 / 4																															
Survey Information																																																					
Survey Type		Meas. Depth		Inc.		Azimuth		TVD		Closure		Vertical Section		Coordinates N-S		E-W		D.L.S.																																			
MWD		673.0		0.62		286.3		673.0		4.8		0.6		N 0.6		W 4.7		0.090																																			
MWD		857.0		0.09		306.3		857.0		5.9		0.9		N 0.9		W 5.8		0.291																																			
MWD		1,045.0		0.53		259.7		1,045.0		6.8		0.9		N 0.9		W 6.8		0.251																																			
MWD		1,175.0		0.13		286.4		1,175.0		7.5		0.8		N 0.8		W 7.5		0.322																																			
MWD		1,363.0		0.57		243.4		1,363.0		8.6		0.5		N 0.5		W 8.5		0.257																																			
MWD		1,552.0		0.97		259.2		1,551.9		11.0		-0.3		S 0.3		W 11.0		0.237																																			
MWD		1,740.0		1.36		273.9		1,739.9		14.8		-0.4		S 0.4		W 14.7		0.260																																			
MWD		1,929.0		1.27		287.4		1,928.9		19.0		0.4		N 0.4		W 19.0		0.171																																			
MWD		2,118.0		0.97		300.8		2,117.8		22.4		1.8		N 1.8		W 22.4		0.210																																			
MWD		2,307.0		0.62		299.5		2,306.8		24.8		3.1		N 3.1		W 24.6		0.185																																			
MWD		2,495.0		0.57		347.2		2,494.8		26.1		4.5		N 4.5		W 25.7		0.257																																			
MWD		2,684.0		0.48		318.2		2,683.8		27.1		6.0		N 6.0		W 26.4		0.147																																			
MWD		2,872.0		0.35		343.2		2,871.8		28.1		7.2		N 7.2		W 27.1		0.117																																			
MWD		3,060.0		1.01		14.5		3,059.8		28.5		9.3		N 9.3		W 26.9		0.390																																			

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>					
Report No: 8		Report For 06:00 AM 17-Apr-17					
Rig Information							
Equipment Problems:							
Location Condition:							
Transport:							
Solids Control Information							
Screen Sizes:	Top	Middle 1	Middle 2	Bottom			
Shaker No 1:	175	175	175	175			
Shaker No 2:	175	175	175	175			
Shaker No 3:	175	175	175	175			
Bulk Inventory							
Item Type		Units	Beginning	Used	Received	On Hand	Net
Fuel		GALS	11,467	1,825		9,642	
Office trailer generator		GALS	435	30		405	
Mud		GALS	2,483	0		2,483	
Safety Information							
Meetings/Drills	Time	Description					
Safety	30	DRILLING OPS,HOUSE KEEPING,EQUIP INSPECTION					
First Aid Treatments:		Medical Treatments:		Lost Time Incidents:		Days Since LTI: 4	
<input type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check						
Rental Tools Information							
Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	550	14-Apr-17	
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	100	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	1,520	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	
Total Daily Rental Cost \$:					3,529		



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 11

Report For 06:00 AM 20-Apr-17

Operator: Sem Operating

Rig: H&P 467

Spud Date: 10-Apr-17

Daily Cost / Mud (\$): 77,794 / 8,033

Measured Depth (ft): 7385

Drilling Days (act.): 11

Well Bore: Original Well Bore

AFE No. AFE (\$) Actual (\$)

Vertical Depth (ft): 7383

Drilling Days (plan):

RKB Elevation (ft): 2,657.20

021017 6,631,875 575,524

Proposed TD (ft):

Days On Location: 7

Last BOP Test: 16-Apr-17

Hole Made (ft) / Hrs: 549 / 9.5

Last Casing: 13.375 at 578

Totals: 6,631,875 575,524

Average ROP (ft/hr): 57.79

Next Casing:

Working Interest:

Well Cost (\$): 575,524

Pers/Hrs: Operator: 2 / 24

Contractor: 12 / 144

Service: 6 / 72

Other: 0 / 0

Total: 20 / 240

SafetySummary: No incidents or events reported. 7 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: RIGGING UP CASING EQUIPMENT

Planned Operations: RUN 9 5/8 CASING, CMT.

Toolpusher: LUKE BOYD

Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE

Tel No.: 575-200-8648

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	15:30	9.50	7,385	DRILR	ROTATE DRILL FROM 6,836' TO 7,385', WOB 45, DIFF 700, RPM 30, PSI 2,550, TQ 16, TD INTERMEDIATE @ 1530 HOURS @ 7,385'	
15:30	18:00	2.50	7,385	CIRC	CIRCULATE AND CLEAN HOLE WITH SWEEPS	
18:00	19:30	1.50	7,385	TRPO	TRIP OUT OF HOLE FROM 7385' TO 6150'.	
19:30	20:00	0.50	7,385	CIRC	SPOT 50 BBL PILL @ 6150'	
20:00	23:00	3.00	7,385	TRPO	CONT TO TOOHH FROM 6150' TO 1164'	
23:00	23:30	0.50	7,385	BOPO	REMOVE ROTATING HEAD,INSTALL TRIP NIPPLE	
23:30	0:00	0.50	7,385	TRPO	TRIP OUT OF HOLE FROM 1164' TO 851'	
0:00	5:00	5.00	7,385	BHAOP	LAY DOWN BHA FROM 851' TO SURFACE LAYING DOWN DIR TOOLS	
5:00	5:30	0.50	7,385	CRF	CLEAR & CLEAN RIG FLOOR	
5:30	6:00	0.50	7,385	CASE	HELD PJSM,RIGGING UP CASING EQUIPMENT	

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55	

Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent
021017	D & C 19050' Horizontal WA	6,631,875	8,033	29,864	77,794	575,524	8.68 %
Totals \$:		6,631,875	8,033	29,864	77,794	575,524	8.68 %

Mud Information

%

Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	Temp In	Temp Out	Mud Loss
19-Apr-17 21:00 at Depth 7,385 ft Mud Pits, Type: Fresh Water Based																				
9.10	40	9	13	10	2	9.6	4.8		95.2		3.1	37000	240		5	7	9	80		

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
AGRI PLUG (40) - 40#SK	27	218	Drilling paper - 40#SK	16	204
ENERPAC REG - 50#SK	40	4,870	ENGINEER - DAY	1	800
ENGINEERING diem - EA	1	50	Gel - 100#SK	100	960
Lignite - 50#SK	8	63	Lime - 50#SK	5	36
NUT PLUG - 50#SK	25	444	Soad ash - 100#SK	14	388

Bit/BHA/Workstring Information

No Run	Make	Model	Diam	Depth In	This Run Dist	Hrs	R.O.P. Avg	Max	WOB	RPM	Torque	Wt	Mud Flow	Pump Press	J. Vel	P. Drp	HPH	JIF	
1	1	NOV	SK716M	12.250	580	4,238	76	55.8	130.0	45	30	16,	9	700	2250	86	62	25	288
Jets: 22 22 22 22 22 22 22				Out: 7385		Grade: Cutter: 2 / 2		Dull: FC / NO		Wear: N		Brgs: X		Gge: 0		Pull: TD			
BHA - No. 1 - BIT, MMTR, MSUB, NMDC, STAB, NMDC, STAB, SHOCK, XO, 3 DC, XO, 11 DC, JAR, 9 DC, XO = 851.50																			

Drilling Parameters

Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	(psi)
6,836	7,385	58.0	130.0	40	45	30	40	12,500	16,000	7,007	700	2,250
Annular Velocity:		Drill Collars:		1,995.5		Drill Pipe:		1,144.5				

Survey Information


Survey Type	Meas. Depth	Inc.	Azimuth	TVD	Closure	Vertical Section	Coordinates N-S	E-W	D.L.S.
MWD	6,830.0	0.79	45.0	6,828.3	70.9	48.2	N 48.2	E 52.1	0.132
MWD	7,019.0	0.53	72.4	7,017.3	73.0	49.4	N 49.4	E 53.8	0.213
MWD	7,207.0	0.75	77.6	7,205.3	74.9	49.9	N 49.9	E 55.8	0.121
MWD	7,332.0	0.84	49.4	7,330.3	76.5	50.7	N 50.7	E 57.3	0.318


Rig Information

Equipment Problems:

Location Condition:

Transport:

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>					
Report No: 11		Report For 06:00 AM 20-Apr-17					
Solids Control Information							
Screen Sizes:	Top	Middle 1	Middle 2	Bottom			
Shaker No 1:	175	175	175	175			
Shaker No 2:	175	175	175	175			
Shaker No 3:	175	175	175	175			
Bulk Inventory							
Item Type		Units	Beginning	Used	Received	On Hand	Net
Fuel		GALS	5,784	1,574	7,073	11,283	5,499
Office trailer generator		GALS	305	30		275	
Mud		GALS	2,483	0	7,067	9,550	7,067
Safety Information							
Meetings/Drills		Time	Description				
Safety		30	TRIPPING PIPE,L/D BHA				
First Aid Treatments:		Medical Treatments:		Lost Time Incidents:		Days Since LTI: 7	
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check					
Rental Tools Information							
Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	550	14-Apr-17	
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	100	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	1,520	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	
Total Daily Rental Cost \$:					3,529		

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>											
Report No: 12		Report For 06:00 AM 21-Apr-17											
Operator: Sem Operating			Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 280,019 / 1,856						
Measured Depth (ft): 7385			Drilling Days (act.): 12		Well Bore: Original Well Bore		AFE No.		AFE (\$)		Actual (\$)		
Vertical Depth (ft): 7383			Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017		6,631,875		855,544		
Proposed TD (ft):			Days On Location: 8		Last BOP Test: 16-Apr-17								
Hole Made (ft) / Hrs: 0 / 0.0			Last Casing: 13.375 at 578				Totals:		6,631,875		855,544		
Average ROP (ft/hr):			Next Casing:		Working Interest:		Well Cost (\$):				855,544		
Pers/Hrs:	Operator:	2 / 24	Contractor:	12 / 144	Service:	6 / 72	Other:	6 / 72	Total:	26 / 312			
SafetySummary: No incidents or events reported. 8 days since LTI. Conducted Safety Meeting.													
Current Operations: CEMENTING 9 5/8 CSG													
Planned Operations: FINISH CMT 9 5/8 CSG,NIPPLE DOWN SET CSG SLIPS NIPPLE UP,TEST BOPS, CLEAN PITS													
Toolpusher: LUKE BOYD													
Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE										Tel No.: 575-200-8648			
Operations Summary													
From	To	Elapsed	End MD(ft)	Code	Operations Description						Non-Prod		
6:00	7:30	1.50	7,385	RU	RIGGING UP EXPRESS CASING CREW								
7:30	8:30	1.00	7,385	SAFETY	SAFETY MEETING WITH CASING CREW ON RUNNING CASING, MAKE UP SHOE JOINT AND TEST FLOAT								
8:30	10:00	1.50	7,385	CASE	RUN 9 5/8" CASING TO 809'								
10:00	13:30	3.50	7,385	REPS	EXPRESS ENERGY CASING CREW SPIDERS BROKE, DIDN'T HAVE A SPARE SET WITH THEM, THEY HAVE BEEN TOLD TO BRING A SPARE OF EVERYTHING FOR OUR JOBS.						X		
13:30	16:00	2.50	7,385	CASE	RUN 9 5/8" CASING FROM 809' TO 2935'								
16:00	17:00	1.00	7,385	CIRC	CIRCULATE BOTTOMS UP								
17:00	21:00	4.00	7,385	CASE	RUN 9 5/8" CASING FROM 2935' TO 5900'								
21:00	22:00	1.00	7,385	CIRC	CIRCULATE BOTTOMS UP								
22:00	23:30	1.50	7,385	CASE	RUN 9 5/8" CASING FROM 5900' TO 6885'								
23:30	0:30	1.00	7,385	BOPO	INSTALL ROT HEAD								
0:30	2:30	2.00	7,385	CASE	RUN 9 5/8" CASING FROM 6885' TO 7385', INSTALLED CASING SWEDGE WASHING DOWN FROM 7374' TO 7385'								
2:30	3:30	1.00	7,385	CIRC	CIRCULATE FULL CSG CAP. R/D CASING TOOLS								
3:30	4:00	0.50	7,385	CMTP	HELD PJSM WITH C&J CEMENTERS ,RIG UP CEMENT HEAD								
4:00	6:00	2.00	7,385	CMTP	TEST LINE TO 4500 PSI,PUMP 200 BBL FRESH WATER SPACER,20 BBLs OF WELINGUM SPACER, START MIXING AND PUMP LEAD CMT								
Casing/Tubular Information													
Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)			
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55				
Cost/AFE Information													
AFE No		AFE Description		AFE Amount		Daily Mud		Well Mud		Daily Total			
021017		D & C 19050' Horizontal WA		6,631,875		1,856		31,720		280,019			
		Totals \$:		6,631,875		1,856		31,720		280,019			
										855,544			
										12.90 %			
Mud Information													
%GelsTempMud													
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS		
20-Apr-17 21:00	at Depth 7,385 ft	Mud Pits, Type: Fresh Water Based											
9.60	38	8	12										
Mud Consumables													
Item Description				Qty.		Cost		Item Description				Qty.	
ENGINEER - DAY				1		800		ENGINEERING diem - EA				1	
Rig Information													
Equipment Problems:													
Location Condition:													
Transport:													
Solids Control Information													
Screen Sizes:		Top	Middle 1	Middle 2	Bottom								
Shaker No 1:		175	175	175	175								
Shaker No 2:		175	175	175	175								
Shaker No 3:		175	175	175	175								
Bulk Inventory													
Item Type				Units		Beginning		Used		Received			
Fuel				GALS		11,283		715		10,568			
Office trailer generator				GALS		275		30		245			
Mud				GALS		9,550		0		9,550			
Safety Information													
Meetings/Drills		Time		Description									
Safety		30		RUNNING 9 5/8 CSG, CMT									
First Aid Treatments:				Medical Treatments:				Lost Time Incidents:					
								Days Since LTI: 8					
<input type="checkbox"/> BOP Test		<input type="checkbox"/> Crownamatic Check											
Rental Tools Information													
Type	Description			Serial No.		Vendor		Acct Code		Today's Cost \$	Start		
Trailer	HOUSING					TREND		9240-01		550	14-Apr-17		



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX


Report No: 12


Report For 06:00 AM 21-Apr-17


Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Frac Tanks	FRAC TANKS		THORPE	9210-01	150	14-Apr-17	
PVT	RIG SENSE		TOTCO	9240-01	363	14-Apr-17	
Rotating Hd.	ROTATING HEAD		AIR DRIL	9240-01	120	14-Apr-17	
H2S	H2S MONITORS		AMPRO	9240-01	90	14-Apr-17	
Rig Vac	MUD VAC		RENTAL E	9240-01	75	14-Apr-17	
Light Tower	LIGHT TOWER		CACTUS	9240-01	125	14-Apr-17	
SPOOLS	SPOOLS		MONAHANS	9240-01	100	14-Apr-17	
drive over	DRIVE OVER		MCGUIRE	9240-01	86	14-Apr-17	
OBM Control	CENTERFUGE		DES	9210-01	1,520	14-Apr-17	
Frac Tanks	OIL FRAC TANKS		PURITY	9210-01	250	14-Apr-17	
Mud Bucket	MUD BUCKET		STABIL	9240-01	100	14-Apr-17	

Total Daily Rental Cost \$:	3,529
------------------------------------	--------------

	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39819</div><div>Field: Impossible</div></div>	<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9C 1207WA</div><div>Sect: 12 County: Reagan State: TX</div></div>																							
Report No: 13		Report For 06:00 AM 22-Apr-17																							
Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 110,764 / 5,909																			
Measured Depth (ft): 7570		Drilling Days (act.): 13		Well Bore: Original Well Bore		AFE No.		AFE (\$)		Actual (\$)															
Vertical Depth (ft): 7567		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017		6,631,875		966,308															
Proposed TD (ft):		Days On Location: 9		Last BOP Test: 16-Apr-17																					
Hole Made (ft) / Hrs: 185 / 6.5		Last Casing: 9.625 at 7,385				Totals:		6,631,875		966,308															
Average ROP (ft/hr): 28.46		Next Casing:		Working Interest:		Well Cost (\$):				966,308															
Pers/Hrs: Operator: 2 / 24		Contractor: 12 / 144		Service: 7 / 84		Other: 4 / 48		Total:		25 / 300															
SafetySummary: No incidents or events reported. 9 days since LTI. Conducted Crown Check, Safety Meeting.																									
Current Operations: SLIDING @ 7570'																									
Planned Operations: DRILL 8.75 CURVE																									
Toolpusher: LUKE BOYD																									
Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE										Tel No.: 575-200-8648															
Operations Summary																									
From	To	Elapsed	End MD(ft)	Code	Operations Description						Non-Prod														
6:00	8:30	2.50	7,385	CMTF	CEMENT, FINISH PUMP TAIL 14.4#, DROP PLUG, DISPLACE WITH 556 BBLS FRESH WATER GEL MUD, BUMP PLUG WITH 500 PSI OVER TO 1,650, HOLD 5 MINUTES AND CHECK FLOAT, FLOAT HELD																				
8:30	9:00	0.50	7,385	OTHER	WASH BOP AND LINES OUT WITH SUGAR WATER																				
9:00	10:00	1.00	7,385	RD	RIG DOWN CEMENTERS WHILE RIGGING UP NIPPLE DOWN CREW																				
10:00	13:00	3.00	7,385	BOPND	NIPPLE DOWN BOP, SET SLIPS WITH 242,000 ON SLIPS, CUT OFF CASING, SET BACK BOP, DO FINAL CUT, INSTALL WELL HEAD, NIPPLE DOWN LONG SPOOL																				
13:00	15:00	2.00	7,385	BOPNU	INSTALL SHORT SPOOL AND NIPPLE UP BOP, INSTALL CABLES AND CENTER STACK																				
15:00	17:30	2.50	7,385	BOPT	TEST BOP, BLINDS, ANNULAR, UPPER AND LOWER PIPE RAMS 250 PSI LOW, 5,000 PSI HIGH, TEST CASING TO 1,500 PSI FOR 30 MINUTES																				
17:30	18:00	0.50	7,385	SAFETY	SAFETY MEETING WITH DIRECTIONAL, LOAD TOOLS ON PIPE RACK																				
18:00	19:00	1.00	7,385	BHAOP	PICK UP AND MAKE UP DIR BHA TEST SAME																				
19:00	21:30	2.50	7,385	TRPI	TRIP IN HOLE FROM 93' TO 6361'																				
21:30	22:00	0.50	7,385	BOPO	REMOVE TRIP NIPPLE INSTALL ROTATING HEAD																				
22:00	22:30	0.50	7,385	TRPI	CONT. TO TRIP IN HOLE FROM 6361' TO 7331' TAGGING CMT																				
22:30	23:30	1.00	7,385	DCS	DRILL CMT AND FLOAT EQUIP FROM 7331' TO 7383' DISPLACE WITH OBM																				
23:30	3:30	4.00	7,480	DRILR	DRILL FORMATION FROM 7383' TO 7480',WOB 38 DIFF-150 RPM-30 PRESS-1680 TQ-4																				
3:30	6:00	2.50	7,570	DRILS	SLIDE FROM 7480' TO 7570' MTF-355 GPM-450 PSI-2120 WOB-60																				
Casing/Tubular Information																									
Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)															
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55																
FULL	9.625	0		7,385		INT1	12.250	40	J-55																
Cost/AFE Information																									
AFE No	AFE Description			AFE Amount		Daily Mud		Well Mud		Daily Total		Well Total		% Spent											
021017	D & C 19050' Horizontal WA			6,631,875		5,909		37,629		110,764		966,308		14.57 %											
Totals \$:				6,631,875		5,909		37,629		110,764		966,308		14.57 %											
Mud Information																									
%																									
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	Gels 10m	30m	Temp In	Out	Mud Loss					
21-Apr-17 21:00 at Depth 7,350 ft Mud Pits, Type: Fresh Water Based																									
9.30	118	20	17	19	2		10	54	36		6.5	57000		198898	11	14		86							
Mud Consumables																									
Item Description				Qty.		Cost		Item Description				Qty.		Cost											
BLOWER USAGE - EA				1		450		Bulk Tank Rental - EA				1		350											
ENGINEER - DAY				1		800		ENGINEERING diem - EA				1		50											
Gel - 100#SK				-47		-451		Liquid Mud rental - EA				1942		3,884											
Restocking Fee - EA				152		76		Trucking - EA				1		750											
Bit/BHA/Workstring Information																									
				Depth In		This Run Dist		R.O.P. Avg		Max		WOB		RPM		Torque Wt		Mud Flow Press		Pump J. Vel P. Drp		HHP		JIF	
2	1	HTC	VG20M	8.750	7385	185	6.5	28.5	45.0	50	30	4,000	9	450	2120	194	305	80	411						
Jets: 18 18 18				Out:		Grade:		Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:				Pull:	
BHA - No. 2 - BIT, MMTR, UBHO, DCM, NMFLEX, XO = 93.16																									
Drilling Parameters																									
Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure													
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	(psi)											
7,385	7,580	28.5	45.0	50	60	30	30	3,000	4,000	425	450	2,120													
Annular Velocity:		Drill Collars:		136.1		Drill Pipe:		136.1																	
Miscellaneous Drilling Parameters																									
Hook Loads (lbs):		Off Bottom Rotate:		182		Pick Up:		187		Slack Off:		179		Drag Avg/Max:		2 / 5									

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>												
Report No: 13		Report For 06:00 AM 22-Apr-17												
Mud Log Information														
Depth (ft)		TVD (ft)		Gas (Units)			Gas		Drilling Exp.	Pore Press	Mud Dens.	Shale Dens.	ROP	
From	To	From	To	Avg	Max	at Depth	Connect.	Trip					Shale	Sand
7,383	7,480	7,382	7,478	53	62	7414	50	0			9.10		18	
Formation Name: LOWER SPRABERY SH														
Lithology: 100% SHALE														
Rig Information														
Equipment Problems:														
Location Condition:														
Transport:														
Solids Control Information														
Screen Sizes:		Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):								
Shaker No 1:		200	200	200	200									
Shaker No 2:		200	200	200	200	Centrifuge 1: 4 (Solids Removal)				Centrifuge 2: 4 (Solids Removal)				
Shaker No 3:		200	200	200	200									
Bulk Inventory														
Item Type					Units	Beginning	Used	Received	On Hand	Net				
Fuel					GALS	10,568	738		9,830					
Office trailer generator					GALS	245	50	255	450	205				
Mud					GALS	9,550	0		9,550					
Safety Information														
Meetings/Drills		Time		Description										
Safety		30		TEST BOPS,PICK UP BHA										
First Aid Treatments:			Medical Treatments:			Lost Time Incidents:			Days Since LTI:			9		
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check												
Rental Tools Information														
Type	Description				Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End				
Trailer	HOUSING					TREND	9240-01	550	14-Apr-17					
Frac Tanks	FRAC TANKS					THORPE	9210-01	150	14-Apr-17					
PVT	RIG SENSE					TOTCO	9240-01	363	14-Apr-17					
Rotating Hd.	ROTATING HEAD					AIR DRIL	9240-01	120	14-Apr-17					
H2S	H2S MONITORS					AMPRO	9240-01	90	14-Apr-17					
Rig Vac	MUD VAC					RENTAL E	9240-01	75	14-Apr-17					
Light Tower	LIGHT TOWER					CACTUS	9240-01	125	14-Apr-17					
SPOOLS	SPOOLS					MONAHANS	9240-01	200	14-Apr-17					
drive over	DRIVE OVER					MCGUIRE	9240-01	86	14-Apr-17					
OBM Control	CENTERFUGE					DES	9210-01	3,050	14-Apr-17					
Frac Tanks	OIL FRAC TANKS					PURITY	9210-01	250	14-Apr-17					
Mud Bucket	MUD BUCKET					STABIL	9240-01	100	14-Apr-17					
Total Daily Rental Cost \$:								5,159						



Daily Drilling Report

Well ID: 42-383-39819

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9C 1207WA

Sect: 12 County: Reagan State: TX

Report No: 14

Report For 06:00 AM 23-Apr-17

Operator: Sem Operating		Rig: H&P 467		Spud Date: 10-Apr-17		Daily Cost / Mud (\$): 64,607 / 12,788	
Measured Depth (ft): 8389		Drilling Days (act.): 14		Well Bore: Original Well Bore		AFE No. AFE (\$) Actual (\$)	
Vertical Depth (ft): 8081		Drilling Days (plan):		RKB Elevation (ft): 2,657.20		021017 6,631,875 1,031,965	
Proposed TD (ft):		Days On Location: 10		Last BOP Test: 16-Apr-17			
Hole Made (ft) / Hrs: 819 / 24.0		Last Casing: 9.625 at 7,385				Totals: 6,631,875 1,031,965	
Average ROP (ft/hr): 34.13		Next Casing:		Working Interest:		Well Cost (\$): 1,031,965	
Pers/Hrs:	Operator: 2 / 24	Contractor: 12 / 144	Service: 8 / 96	Other: 0 / 0	Total: 22 / 264		

SafetySummary: No incidents or events reported. 10 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: DRILLING CURVE @ 8389'

Planned Operations: FINISH DRILLING CURVE,TRIP OUT PICK UP LATERAL

Toolpusher: LUKE BOYD

Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE

Tel No.: 575-200-8648

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	15:00	9.00	7,916	DRILS	SLIDE FROM 7570' TO 7916' GPM-600 PSI-2950 WOB-45 DIFF-350	
15:00	15:30	0.50	7,926	DRILR	DRILL FROM 7916' TO 7926',WOB 30 DIFF-200 RPM-30 PRESS-2900 TQ-4	
15:30	16:30	1.00	7,948	DRILS	SLIDE FROM 7926' TO 7948' GPM-600 PSI-2950 WOB-65 DIFF-350	
16:30	17:00	0.50	7,958	DRILR	DRILL FROM 7948' TO 7958',WOB 30 DIFF-200 RPM-30 PRESS-2900 TQ-4	
17:00	18:00	1.00	8,011	DRILS	SLIDE FROM 7958' TO 8011' GPM-600 PSI-2950 WOB-65 DIFF-350	
18:00	18:30	0.50	8,021	DRILR	DRILL FROM 8011' TO 8021',WOB 30 DIFF-200 RPM-30 PRESS-2900 TQ-4	
18:30	19:30	1.00	8,060	DRILS	SLIDE FROM 8021' TO 8060',TF- 30L GPM-600 PSI-2930 WOB-65 DIFF-240	
19:30	20:00	0.50	8,074	DRILR	DRILL FROM 8060' TO 8074',WOB 30 DIFF-110 RPM-30 PRESS-2900 TQ-4	
20:00	20:30	0.50	8,090	DRILS	SLIDE FROM 8074' TO 8090',TF- 40L GPM-600 PSI-2930 WOB-65 DIFF-340	
20:30	21:00	0.50	8,105	DRILR	DRILL FROM 8090' TO 8105',WOB 35 DIFF-185 RPM-30 PRESS-2900 TQ-4	
21:00	21:30	0.50	8,122	DRILS	SLIDE FROM 8105' TO 8122',TF- 40L GPM-600 PSI-2930 WOB-65 DIFF-265	
21:30	22:00	0.50	8,138	DRILR	DRILL FROM 8122' TO 8138',WOB 35 DIFF-185 RPM-30 PRESS-2900 TQ-4	
22:00	22:30	0.50	8,153	DRILS	SLIDE FROM 8138' TO 8153',TF- 40L GPM-600 PSI-2970 WOB-65 DIFF-265	
22:30	23:00	0.50	8,168	DRILR	DRILL FROM 8153' TO 8168',WOB 40 DIFF-185 RPM-30 PRESS-2900 TQ-4	
23:00	23:30	0.50	8,190	DRILS	SLIDE FROM 8168' TO 8190',TF- 20L GPM-600 PSI-2970 WOB-65 DIFF-265	
23:30	0:00	0.50	8,199	DRILR	DRILL FROM 8190' TO 8199',WOB 40 DIFF-185 RPM-30 PRESS-2900 TQ-5	
0:00	0:30	0.50	8,225	DRILS	SLIDE FROM 8199' TO 8225',TF- 10L GPM-600 PSI-2970 WOB-65 DIFF-265	
0:30	1:00	0.50	8,230	DRILR	DRILL FROM 8225' TO 8230',WOB 40 DIFF-185 RPM-30 PRESS-2900 TQ-5	
1:00	2:00	1.00	8,284	DRILS	SLIDE FROM 8230' TO 8284',TF- 10L GPM-600 PSI-2970 WOB-65 DIFF-265	
2:00	2:30	0.50	8,294	DRILR	DRILL FROM 8284' TO 8294',WOB 40 DIFF-185 RPM-30 PRESS-2900 TQ-5	
2:30	3:00	0.50	8,316	DRILS	SLIDE FROM 8294' TO 8316',TF- 20L GPM-600 PSI-3000 WOB-70 DIFF-216	
3:00	3:30	0.50	8,326	DRILR	DRILL FROM 8316' TO 8326',WOB 40 DIFF-185 RPM-35 PRESS-2915 TQ-8	
3:30	6:00	2.50	8,389	DRILS	SLIDE FROM 8326' TO 8389',TF- 20L GPM-600 PSI-3000 WOB-70 DIFF-216	

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	13.375	0	580	578	580	SURF	17.500	55	J-55	
FULL	9.625	0		7,385		INT1	12.250	40	J-55	

Cost/AFE Information

AFE No	AFE Description	AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent
021017	D & C 19050' Horizontal WA	6,631,875	12,788	50,417	64,607	1,031,965	15.56 %
Totals \$:		6,631,875	12,788	50,417	64,607	1,031,965	15.56 %

Mud Information

%														Gels			Temp		Mud	
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss
22-Apr-17 21:00 at Depth 8,099 ft Mud Pits, Type: Fresh Water Based																				
9.00	63	15	5	7	2		7.2	59	31.5		6.8	59000			7	10		94	112	

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
ABS MUL - GALS	275	2,571	AES VIS III - SACK	1	82
AES VIS LS (50) - EA	40	3,655	AES WA II - EA	275	2,717
CaCL2 - 50#SK	25	366	ENGINEER - DAY	1	800
ENGINEERing diem - EA	1	50	FIR - 50#SK	25	1,228
Lime - 50#SK	25	179	Shrink Wrap - EA	11	138
Trucking (CWT) - EA	401	1,003			

Bit/BHA/Workstring Information

					Depth	This Run			R.O.P.			Mud			Pump					
No	Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HPH	JIF	
2	1	HTC	VG20M	8.750	7385	1,004	30.5	32.9	95.0	55	30	6	9	600	3000	258	537	188	722	

Jets: 18 18 18


Out: Grade: Cutter: / Dull: / Wear: Brgs: Gge: Pull:

BHA - No. 2 - BIT, MMTR, UBHO, DCM, NMFLEX, XO = 93.16

Drilling Parameters

Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure (psi)	
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max
7,570	8,389	34.1	95.0	55	70	30	35	4	8	600	600		3,000

Annular Velocity: Drill Collars: 192.1 Drill Pipe: 192.1

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39819</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9C 1207WA</div> <div>Sect: 12 County: Reagan State: TX</div>												
Report No: 14		Report For 06:00 AM 23-Apr-17												
Miscellaneous Drilling Parameters														
Hook Loads (lbs):		Off Bottom Rotate:		194	Pick Up:		200	Slack Off:		188	Drag Avg/Max:		5 / 8	
Survey Information														
Survey Type		Meas. Depth	Inc.	Azimuth		TVD		Closure		Vertical Section	Coordinates N-S		E-W	D.L.S.
MWD		7,520.0	6.55	10.0		7,518.1		82.3		56.8	N 56.8		E 59.6	13.831
MWD		7,552.0	11.69	11.3		7,549.7		86.5		61.7	N 61.7		E 60.6	16.075
MWD		7,583.0	15.87	12.7		7,579.8		92.8		69.0	N 69.0		E 62.1	13.526
MWD		7,615.0	18.55	11.2		7,610.4		101.1		78.2	N 78.2		E 64.1	8.488
MWD		7,646.0	20.97	6.9		7,639.6		110.3		88.6	N 88.6		E 65.7	9.102
MWD		7,678.0	23.69	5.5		7,669.2		120.9		100.6	N 100.6		E 67.0	8.663
MWD		7,709.0	26.51	3.8		7,697.2		132.6		113.8	N 113.8		E 68.1	9.409
MWD		7,741.0	30.02	3.8		7,725.4		146.2		128.9	N 128.9		E 69.1	10.969
MWD		7,772.0	32.70	1.4		7,751.9		160.9		145.0	N 145.0		E 69.8	9.515
MWD		7,803.0	37.14	0.3		7,777.3		177.2		162.7	N 162.7		E 70.0	14.476
MWD		7,835.0	40.04	359.4		7,802.3		195.6		182.7	N 182.7		E 70.0	9.223
MWD		7,866.0	42.07	359.3		7,825.7		214.7		203.0	N 203.0		E 69.7	6.551
MWD		7,898.0	45.36	358.2		7,848.8		235.5		225.1	N 225.1		E 69.2	10.533
MWD		7,961.0	47.30	0.6		7,892.3		279.3		270.7	N 270.7		E 68.8	4.117
MWD		7,992.0	50.29	1.9		7,912.7		302.1		294.0	N 294.0		E 69.3	10.163
MWD		8,023.0	52.70	2.1		7,932.0		325.9		318.3	N 318.3		E 70.1	7.786
MWD		8,055.0	55.91	1.3		7,950.7		351.5		344.2	N 344.2		E 70.9	10.230
MWD		8,086.0	57.32	0.5		7,967.7		376.9		370.1	N 370.1		E 71.3	5.021
MWD		8,118.0	58.33	359.2		7,984.8		403.5		397.2	N 397.2		E 71.2	4.707
MWD		8,149.0	59.25	358.3		8,000.9		429.6		423.7	N 423.7		E 70.7	3.834
MWD		8,181.0	60.66	357.8		8,016.9		456.7		451.4	N 451.4		E 69.7	4.625
Mud Log Information														
Depth (ft) From To		TVD (ft) From To		Gas (Units) Avg Max at Depth		Gas Connect. Trip		Drilling Exp.	Pore Press	Mud Dens.	Shale Dens.	Shale	ROP Shale Sand	
7,520 8,212		7,518 8,031		100 178 140		119 0				8.90				
Formation Name:														
Lithology:														
Rig Information														
Equipment Problems:														
Location Condition:														
Transport:														
Solids Control Information														
Screen Sizes:		Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):								
Shaker No 1:		200	200	200	200									
Shaker No 2:		200	200	200	200	Centrifuge 1: 20 (Solids Removal)				Centrifuge 2: 20 (Solids Removal)				
Shaker No 3:		200	200	200	200									
Bulk Inventory														
Item Type					Units		Beginning		Used		Received		On Hand Net	
Fuel					GALS		9,830		2,303				7,527	
Office trailer generator					GALS		195		45				150	
Mud					GALS		9,295		2,361				6,934	
Safety Information														
Meetings/Drills		Time			Description									
Safety		30			DRILLING OPS,HOUSE KEEPING									
First Aid Treatments:			Medical Treatments:			Lost Time Incidents:			Days Since LTI:			10		
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check												
Rental Tools Information														
Type	Description				Serial No.		Vendor		Acct Code		Today's Cost \$		Start	End
Trailer	HOUSING						TREND		9240-01		550		14-Apr-17	
Frac Tanks	FRAC TANKS						THORPE		9210-01		150		14-Apr-17	
PVT	RIG SENSE						TOTCO		9240-01		363		14-Apr-17	
Rotating Hd.	ROTATING HEAD						AIR DRIL		9240-01		120		14-Apr-17	
H2S	H2S MONITORS						AMPRO		9240-01		90		14-Apr-17	
Rig Vac	MUD VAC						RENTAL E		9240-01		75		14-Apr-17	
Light Tower	LIGHT TOWER						CACTUS		9240-01		125		14-Apr-17	
SPOOLS	SPOOLS						MONAHANS		9240-01		200		14-Apr-17	
drive over	DRIVE OVER						MCGUIRE		9240-01		86		14-Apr-17	
OBM Control	CENTERFUGE						DES		9210-01		3,050		14-Apr-17	
Frac Tanks	OIL FRAC TANKS						PURITY		9210-01		250		14-Apr-17	
Mud Bucket	MUD BUCKET						STABIL		9240-01		100		14-Apr-17	
Mud logger	MUD LOGGER						RILEY		9230-01		1,050		21-Apr-17	
Total Daily Rental Cost \$:											6,209			