

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead	<input type="checkbox"/> Initial Report
Days on Completion	<input checked="" type="checkbox"/> Continued Report
79	<input type="checkbox"/> Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY 42 B	1001 H	11-850	2.21.2012	13,772	13772'
Present Ops.:	KB	Casing Size, Wt., Gr.	Casing I.D.	Float Shoe @	Top of Cement
Run bit and Scraper	22'	5 1/2-20# P-110	4.778	13,858'	2607'
TBG	PCKR SET@	No. Joints	Bottom of TBG	DV TOOL	Seat Nippling set @
2 7/8 6.5# N-80	5845'	177	5841'		
FRAC PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC. PLUG @	FRAC. PLUG@	FRAC.PLUG@
13,200' DRILLED	13000' DRILLED	12,600' DRILLED	12,400' DRILLED	12,200' DRILLED	11,600' DRILLED
FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @
11405 DRILLED	11,200' DRILLED	11,000' DRILLED	10,800' DRILLED	10,600' DRILLED	10,400' DRILLED
FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @
10,200' DRILLED	10,000' DRILLED	9,602' DRILLED	9,400' DRILLED	9,200' DRILLED	9,000' DRILLED
FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	Kill PLUG @
8,800' DRILLED	8,600' DRILLED	8,270' DRILLED	8,070' DRILLED	7870' DRILLED	5800' DRILLED
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
13236' TO 13378'	13020' to 13172'	12820' to 12972'	12620' to 12772'	12420' TO 12572'	12,220' TO 12,367'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
12020' TO 12175'	11,820' TO 11,972'	11620' TO 11,722'	11,420' TO 11,572'	11,220' TO 11,372'	11,020' TO 11,172'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
10,825' TO 10,972'	10,620' TO 10,772'	10,420' TO 10572'	10,220' TO 10,375'	10,020' TO 10,172'	9970' TO 9822'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
9,620' TO 9,772'	9,420' T 9,572'	9,220' TO 9,372'	9,018' TO 9,172'	8822' TO 8972'	8622' TO 8772'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
8,300' TO 8,452'	8,100' TO 8,256'	7,900' TO 8,052'	7700' TO 7852'		
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	PKR @	Curve From
				5845-177 JTS	5811' to 6795'

HOURS	OPERATIONS IN SEQUENCE
	CC Forbes Rig 37 on well, Wait on rig seal for rig up, rig up on well, blow down tubing and casing, prep to pull tubing
	N/D production tree, unseat packer and let eqlize, started to u tube, pump 15bbls down tubing, Pull out of hole with
	177 joints of 2 7/8" N-80 tubing, 9 GLVs and 5 1/2" Arrow Set 1-X packer, Pick up 5 1/2" casing scraper and
	4 3/4" bit, run in hole to 3000 foot, had to work on rig tongs, SDFD, Return next am to run additional tubing in hole
	past perforations to prep for upcoming frac.

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80	<input type="checkbox"/> Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY 42 B	1001 H	11-850	2.21.2012	13,772	13772'
Present Ops.:	KB	Casing Size, Wt., Gr.	Casing I.D.	Float Shoe @	Top of Cement
Run bit and Scraper	22'	5 1/2-20# P-110	4.778	13,858'	2607'
TBG	PCKR SET@	No. Joints	Bottom of TBG	DV TOOL	Seat Nippling set @
2 7/8 6.5# N-80	5845'	177	5841'		
FRAC PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC. PLUG @	FRAC. PLUG@	FRAC.PLUG@
13,200' DRILLED	13000' DRILLED	12,600' DRILLED	12,400' DRILLED	12,200' DRILLED	11,600' DRILLED
FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @
11405 DRILLED	11,200' DRILLED	11,000' DRILLED	10,800' DRILLED	10,600' DRILLED	10,400' DRILLED
FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @
10,200' DRILLED	10,000' DRILLED	9,602' DRILLED	9,400' DRILLED	9,200' DRILLED	9,000' DRILLED
FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	FRAC.PLUG @	Kill PLUG @
8,800' DRILLED	8,600' DRILLED	8,270' DRILLED	8,070' DRILLED	7870' DRILLED	5800' DRILLED
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
13236' TO 13378'	13020' to 13172'	12820' to 12972'	12620' to 12772'	12420' TO 12572'	12,220' TO 12,367'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
12020' TO 12175'	11,820' TO 11,972'	11620' TO 11,722'	11,420' TO 11,572'	11,220' TO 11,372'	11,020' TO 11,172'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
10,825' TO 10,972'	10,620' TO 10,772'	10,420' TO 10572'	10,220' TO 10,375'	10,020' TO 10,172'	9970' TO 9822'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
9,620' TO 9,772'	9,420' T 9,572'	9,220' TO 9,372'	9,018' TO 9,172'	8822' TO 8972'	8622' TO 8772'
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
8,300' TO 8,452'	8,100' TO 8,256'	7,900' TO 8,052'	7700' TO 7852'		
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	PKR @	Curve From
				5845-177 JTS	5811' to 6795'

HOURS	OPERATIONS IN SEQUENCE
	CC Forbes on location, This am 0 psi on well, 177 joints of 2 7/8" N-80 in hole, EOT @ 5700', Wait on tubing
	needed to run thru perforation interval of interest to check if fill is present, Tubing on location 11:30 am.
	Pick up 34 joints and tag fill at 6850' with 211 joints in. Report to office, Rig pump truck to tubing and attempt
	to circulate well, would not circulate, total bbs pumped 140. report to office set up foam air and reverse package
	to clean out next am., Pull out of hole with 211 joints standing in derrick, lay down bit and scraper, close well
	and secure bop, SDFN return next am for clean out.

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							Days on Completion		Initial			
							82		x Continued			
									Final			
Lease			Well No.		AFE No.		Date		PBTD	KB		
University 42B			1001H		11-850		2/23/2012			22'		
Present Operations			Csg. Size, Wt.		Csg. Drift I.D.		Btm. Of Tbg.					
Setting plug and pressure test			5-1/2" 20# P-110		4.778"							
Frac Plug Depths:												
1	BP @ 7670'	7		13		19		25		31		
2	BP @ 7665'	8		14		20		26		32		
3		9		15		21		27		33		
4		10		16		22		28		34		
5		11		17		23		29		35		
6		12		18		24		30		36		
Perforation Depths:												
1	13236	13378	7	12020 - 12075	13	10825 - 10972	19	9620 - 9772	25	8300 - 8452	31	-
2	13020 - 13172		8	11820 - 11972	14	10620 - 10772	20	9420 - 9572	26	8100 - 8256	32	-
3	12820 - 12972		9	11620 - 11722	15	10420 - 10572	21	9220 - 9372	27	7900 - 8052	33	-
4	12620 - 12772		10	11420 - 11572	16	10220 - 10375	22	9018 - 9172	28	7700 - 7852	34	-
5	12420 - 12572		11	11220 - 11372	17	10020 - 10172	23	8822 - 8972	29	-	35	-
6	12220 - 12367		12	11020 - 11172	18	9970 - 9822	24	8622 - 8772	30	-	36	-
Tbg. Size, Wt.		Tbg. Set Depth		No. Joints		Packer Depth		On-Off Tool Depth		RBP Depth		
						5845 (177 jts)						
Profile Set Depth		Profile ID		SN Depth		SN ID						
Pump Description			Tbg. Anchor Depth		No. 1" Rods		No. 7/8" Rods		No. 3/4" Rods			
Hours			Operations in Sequence									
Start	End	ET										
7:00	16:00	9:00	CC Forbes Over hole.SIWP 0 psi, Prep to Pressure test Bridge plug, N/U Night Cap									
		-	on well and secure, load hole and attempt to pressure up, pressure dropped to 0 after									
		-	reaching 7800 psi, Plug gave way,order 2nd plug and prep to run in hole.rig up API									
		-	wireline and run in with 2nd plug, start pumping down plug at KOP, Pump down @ 15 bpm									
		-	Max press 100 psi, did not tag 1st plug , Set 2nd plug @ 7665' , Pull out of hole with W/L									
		-	R/D API, N/U pumpco and load hole and attempt 2nd pressure test on plug, Test Failed									
		-	Max press 6800 psi, @ 4bpm,Min press 3800 psi @ 3.5 bpm, saw press break 6800-5800									
		-	psi, report to office, did not see any pressure at braden head or fluid,monitored closely.									
		-	.ISIP 5500, 5 min=3000, 10 min=2500 psi Release pressure 2000 psi on well after test									
		-	Well flowed back 10 minutes after bleed down, small stream, N/D Night Cap, N/U BOP									
		-	Call for Tubing Set CBP, Packer service coiuld not make it until 5 pm, set up for am									
		-	Close well in and secure BOP, SDFN, Return Next am to run plug on tubing,									
		-										
		-										
		-										
		-										
Total Hours		9:00	Company Representative: Company:									

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DAILY WORKOVER/COMPLETION REPORT

			Days on Completion		Initial						
			83		Continued						
					Final						
Lease		Well No.	AFE No.		Date		PBTD	KB			
University 42B		1001H	11-850		2/24/2012			22'			
Present Operations		Csg. Size, Wt.	Csg. Drift I.D.		Btm. Of Tbg.						
Set Plug/ Press Test/ TCP Run		5-1/2" 20# P-110	4.778"								
Frac Plug Depths:											
1	BP @ 7670'	7	13	19	25	31					
2	BP @ 7665'	8	14	20	26	32					
3	BP @ 7652'	9	15	21	27	33					
4		10	16	22	28	34					
5		11	17	23	29	35					
6		12	18	24	30	36					
Perforation Depths:											
1	13236 - 13378	7	12020 - 12075	13	10825 - 10972	19	9620 - 9772	25	8300 - 8452	31	7550 - 7552
2	13020 - 13172	8	11820 - 11972	14	10620 - 10772	20	9420 - 9572	26	8100 - 8256	32	7510 - 7512
3	12820 - 12972	9	11620 - 11722	15	10420 - 10572	21	9220 - 9372	27	7900 - 8052	33	-
4	12620 - 12772	10	11420 - 11572	16	10220 - 10375	22	9018 - 9172	28	7700 - 7852	34	-
5	12420 - 12572	11	11220 - 11372	17	10020 - 10172	23	8822 - 8972	29	7630 - 7632	35	-
6	12220 - 12367	12	11020 - 11172	18	9970 - 9822	24	8622 - 8772	30	7590 - 7592	36	-
Tbg. Size, Wt.		Tbg. Set Depth		No. Joints		Packer Depth		On-Off Tool Depth		RBP Depth	
						5845 (177 jts)					
Profile Set Depth		Profile ID		SN Depth		SN ID					
Pump Description			Tbg. Anchor Depth		No. 1" Rods		No. 7/8" Rods		No. 3/4" Rods		
Hours			Operations in Sequence								
Start	End	ET									
		-	CC Forbes Rig 37 on well, Prep to run in hole with Tubing set Bridge plug, Run in hole								
		-	with 5 1/2" CBP with 236 joints of 2 7/8" 8rd EUE tubing and set @ 7652', pull 1 joint								
		-	out of hole and pressure up to 2700 psi, test good, Pull out of hole standing tubing								
		-	in derrick, lay down setting tool, N/D BOP and N/U night cap and secure, rig Pumpco								
		-	to casing and pressure test to 6150 psi, test good, bleed off pressure and N/D night cap.								
		-	N/U BOP and pick up TCP guns, run in hole with 4 > 1ft x 3 1/8" TCP guns loaded with								
		-	.42 dia, 25 grn, 5 SPF, total hole 44, 0 deg phase direct fire, and 236 joints of 2 7/8" 8rd								
		-	EUE tubing, Pack off tubing and N/U Pumpco to casing, start pumping, witness guns								
		-	fire @ 1600 psi, continue pumping, Max Rate 3.5 bpm 3700 psi, Min Rate 3.0 bpm								
		-	3000 psi, shut down after 20 bbls gone, Perforation interval as follows:								
		-	7630-7632, 7590-7592, 7550-7552, 7510-7512, release pressure on well and prep to pull								
		-	tubing, Pull out of hole with 236 joints of 2 7/8" 8rd EUE tubing laying down on pipe racks								
		-	total joints on racks 282, N/D rig floor and BOP, Install night cap on well, shut well in								
7:00	21:00	14:00	RDMROL and move rig to 2002 well pad, Forecast: Pumpco to rig up on well next am and								
		-	ready to frac Monday morning.								
		-									
		-									
		-									
		-									
		-									
Total Hours		14:00	Company Representative: Company:								

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Days on Completion	Initial
84	Continued
	Final

Lease	Well No.	AFE No.	Date	PBTD	KB
University 42B	1001H	11-850	2/27/2012		22'
Present Operations	Csg. Size, Wt.	Csg. Drift I.D.	Btm. Of Tbg.		
FRAC	5-1/2" 20# P-110	4.778"			
Frac Plug Depths:					
1	BP @ 7670'	7	13	19	25
2	BP @ 7665'	8	14	20	26
3	BP @ 7652'	9	15	21	27
4	7470'	10	16	22	28
5	7270'	11	17	23	29
6	7065'	12	18	24	30
Perforation Depths:					
1	13236 - 13378	7	12020 - 12075	13	10825 - 10972
2	13020 - 13172	8	11820 - 11972	14	10620 - 10772
3	12820 - 12972	9	11620 - 11772	15	10420 - 10572
4	12620 - 12772	10	11420 - 11572	16	10220 - 10375
5	12420 - 12572	11	11220 - 11372	17	10020 - 10172
6	12220 - 12367	12	11020 - 11172	18	9970 - 9822
	Tbg. Size, Wt.	Tbg. Set Depth	No. Joints	Packer Depth	On-Off Tool Depth
				5845 (177 jts)	
	Profile Set Depth	Profile ID	SN Depth	SN ID	
	Pump Description	Tbg. Anchor Depth	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods
Hours			Operations in Sequence		
Start	End	ET			
7:43	9:38	1:55	STAGE 29		
		-	OPEN WELL= 70 PSI PUMPED 4000 GALS OF 15% HCL ACID		
		-	BROKE AT 4450 PSI		
		-	TOTAL FLUID PUMPED TO RECOVER= 6907 BBLS		
		-	TOTAL SAND PUMPED= 228990 LBS		
		-	100MESH= 89100 LBS 40/70= 139890 LBS		
		-	MAX TREATING PSI= 6580 PSI AVG TREATING PSI= 5579 PSI		
		-	MAX TREATING RATE= 87 BPM AVG TREATING RATE= 67 BPM		
		-	ISIP= 2747 PSI 5 MIN= 2470 PSI 10 MIN= 2350 PSI 15 MIN= 2300 PSI		
		-			
		-			
9:50	10:52	1:02	PERF 30		
		-	WENT IN HOLE WITH 3 1/8 SLICK CASING AND 10K FRAC PLUG CORRELATING		
		-	WITH CCL SET PLUG AT 7470'		
		-	7310' TO 7312' WITH 5 SPF 11 HOLES		
		-	7350' TO 7352' WITH 5 SPF 11 HOLES		
		-	7390' TO 7392' WITH 5 SPF 11 HOLES		
		-	7430' TO 7432' WITH 5 SPF 11 HOLES		
		-	AVG PSI= 2380 PSI AVG RATE= 10.3 BPM		
		-	TOTAL BBLS PUMPED= 108 BBLS		
11:04	12:52	1:48	STAGE 30		
		-	OPEN WELL= 2110 PSI PUMPED 4000 GALS OF 15% HCL ACID		
		-	BROKE AT 2550 PSI		
		-	TOTAL FLUID PUMPED TO RECOVER= 6620 BBLS		
		-	TOTAL SAND PUMPED= 228440 LBS		
		-	100MESH= 88620 LBS 40/70= 139820 LBS		
		-	MAX TREATING PSI= 6400 PSI AVG TREATING PSI= 4167 PSI		
		-	MAX TREATING RATE= 90 BPM AVG TREATING RATE= 90 BPM		
		-	ISIP= 2704 PSI 5 MIN= 2430 PSI 10 MIN= 2360 PSI 15 MIN= 2300 PSI		
		-			
		-			
12:57	13:54	0:57	PERF 31		
		-	WENT IN HOLE WITH 3 1/8 SLICK CASING AND 10K FRAC PLUG CORRELATING		
		-	WITH CCL SET PLUG AT 7270'		
		-	7108' TO 7110' WITH 5 SPF 11 HOLES		
		-	7148' TO 7150' WITH 5 SPF 11 HOLES		
		-	7190' TO 7192' WITH 5 SPF 11 HOLES		
		-	7230' TO 7232' WITH 5 SPF 11 HOLES		
		-	AVG PSI= 2290 PSI AVG RATE= 13.4 BPM		
		-	TOTAL BBLS PUMPED= 71 BBLS		
		-			
		-			
Total Hours	5:42		Company Representative:		
			Company:		

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86	x	Continued
		Final

Lease	Well No.	AFE No.	Date	PBTD	KB
University 42B	1001H	11-850	2/29/2012	13,772'	22'
Present Operations	Csg. Size, Wt.	Csg. Drift I.D.	Btm. Of Tbg.		
Drill Out Plugs	5-1/2" 20# P-110	4.778"			

Frac Plug Depths:											
1	BP @ 7670'	7	NO PLUG	13		19		25		31	
2	BP @ 7665'	8	6675'	14		20		26		32	
3	BP @ 7652'	9	6470'	15		21		27		33	
4	7470'	10		16		22		28		34	
5	7270'	11		17		23		29		35	
6	7065'	12		18		24		30		36	

Perforation Depths:											
1	13236 - 13378	7	12020 - 12075	13	10825 - 10972	19	9620 - 9772	25	8300 - 8452	31	7108 - 7232
2	13020 - 13172	8	11820 - 11972	14	10620 - 10772	20	9420 - 9572	26	8100 - 8256	32	6910 - 7034
3	12820 - 12972	9	11620 - 11722	15	10420 - 10572	21	9220 - 9372	27	7900 - 8052	33	6710 - 6834
4	12620 - 12772	10	11420 - 11572	16	10220 - 10375	22	9018 - 9172	28	7700 - 7852	34	6510 - 6632
5	12420 - 12572	11	11220 - 11372	17	10020 - 10172	23	8822 - 8972	29	7510 - 7632	35	6310 - 6432
6	12220 - 12367	12	11020 - 11172	18	9970 - 9822	24	8622 - 8772	30	7310 - 7432	36	-

Tbg. Size, Wt.	Tbg. Set Depth	No. Joints	Packer Depth	On-Off Tool Depth	RBP Depth
			5845 (177 jts)		
Profile Set Depth	Profile ID	SN Depth	SN ID		
Pump Description	Tbg. Anchor Depth	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	

Hours			Operations in Sequence
Start	End	ET	
			DRILLING OUT PLUGS
		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
Total Hours	0:00		Company Representative: Company:

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88		Continued
	X	Final

Lease	Well No.	AFE No.	Date	PBTD	KB
University 42B	1001H	11-850	3/2/2012	13,772'	22'
Present Operations	Csg. Size, Wt.	Csg. Drift I.D.	Btm. Of Tbg.		
Drill Out Plugs & Wash to PBTD	5-1/2" 20# P-110	4.778"			

Frac Plug Depths:											
1		7		13		19		25		31	
2		8		14		20		26		32	
3		9		15		21		27		33	
4		10		16		22		28		34	
5		11		17		23		29		35	
6		12		18		24		30		36	

Perforation Depths:												
1	13236	13378	7	12020 - 12075	13	10825 - 10972	19	9620 - 9772	25	8300 - 8452	31	7108 - 7232
2	13020 - 13172	8	11820 - 11972	14	10620 - 10772	20	9420 - 9572	26	8100 - 8256	32	6910 - 7034	
3	12820 - 12972	9	11620 - 11722	15	10420 - 10572	21	9220 - 9372	27	7900 - 8052	33	6710 - 6834	
4	12620 - 12772	10	11420 - 11572	16	10220 - 10375	22	9018 - 9172	28	7700 - 7852	34	6510 - 6632	
5	12420 - 12572	11	11220 - 11372	17	10020 - 10172	23	8822 - 8972	29	7510 - 7632	35	6310 - 6432	
6	12220 - 12367	12	11020 - 11172	18	9970 - 9822	24	8622 - 8772	30	7310 - 7432	36	-	

Tbg. Size, Wt.	Tbg. Set Depth	No. Joints	Packer Depth	On-Off Tool Depth	RBP Depth
			5845 (177 jts)		
Profile Set Depth	Profile ID	SN Depth	SN ID		
Pump Description		Tbg. Anchor Depth	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods

Hours			Operations in Sequence
Start	End	ET	
			DRILL OUT COMPLETED.
			FINAL REPORT
Total Hours		0:00	Company Representative: Company: