

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'									
MORNING DRILLING REPORT																			
<u>Date</u> 8/2/2010					<u>Day #</u> 1														
<u>Well Name</u> University 45-21- #9					<u>County</u> Crockett														
<u>Present Operation</u> Mist drilling with 17 1/2" bit with 80% returns																			
<u>Depth</u> 370					<u>Ft. / Day</u> 330					<u>Rotating Hours</u> 9					<u>Ttl. Rotating Hrs.</u> 9				
<u>Brief Description Of Operations</u> Demobilization rig down, Mobilization rig up on University 45-21-#9 trucks gone at 1:00pm, Nipple up conductor and blooie line, pickup BHA and torque kelly, build mist (Start daywork at 9:00pm 8/1/2010, Spud 17 1/2" hole at 1:00pm with air mist drilling ahead,																			
<u>Accumulator Pressure</u>										<u>Online PSI</u>									
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1)																			
Bit Number	Bit Size	Make	Type	Serial Number Run # 1	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM					
					1	2	3												
1	17 1/2	Varel	ert14		O	PE	N	40		330	9		ALL	100+					
<u>Compressors</u> 3		<u>Booster(s)</u> 1		<u>PSI-245#</u> 3000		<u>Nitrogen Unit on line at</u>				<u>O2%</u>									
<u>Dusting (D) or Misting (M)</u>		<u>Misting with:</u> 22		<u>bbls.of</u>		<u>Foamer (gph)</u> 2 1/2		<u>Shale treat(gph)</u>		<u>Corrsn. Inhbtr(gph)</u>									
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																			
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6															
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6															
Mud Properties																			
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out					
8.3		/	/																
<u>FUEL</u>		<u>Rig Diesel - "</u> 19		<u>Air Diesel - "</u> 11		<u>Propane - %</u> 25%		<u>Gallons of Diesel delivered</u>											
Remarks																			
Directional Surveys																			
WLS	1	2	3	4	5	6	7												
Depth																			
Angle																			
Bottom Hole Assembly (BHA)																			
<input type="checkbox"/> No Change (see prior report)		<input type="checkbox"/> New BHA		<u>Drill Pipe Size</u>		<u>Wt.</u>		<u>Grade</u>											
<u>Tool Description</u>				<u>OD (in)</u>				<u>ID (in)</u>				<u>Length (ft)</u>							
Bit				12 1/4								2.7							
Shock Sub				8"				2 1/2				12.95							
10-6"DCs.				6"				2 1/2				302.74							
<u>Drillpipe on location:</u>																			
<u>Brine on hand</u>		0		<u>Barrels</u>															
<u>Freshwater on hand</u>		1000		<u>Barrels</u>															
<u>Mud on hand</u>		0		<u>Barrels</u>															
Pick Up Wt. - K				Slack Off Wt. - K				Rotating Wt. - K				BHA 318.39							

APPROACH OPERATING LLC.						RIG - Nabors # 353						KB - 14.08'		
MORNING DRILLING REPORT														
<u>Date</u> 8/3/2010						<u>Day #</u> 2								
<u>Well Name</u> University 45-21- #9						<u>County</u> Crockett								
<u>Present Operation</u> Welding on flange														
<u>Depth</u> 970				<u>Ft. / Day</u> 700				<u>Rotating Hours</u> 7				<u>Ttl. Rotating Hrs.</u> 16		
<u>Brief Description Of Operations</u> Mist drilling 17 1/2" from 370' to 547', Service rig and ran WLS at 500', Mist drilling from 547' to 607', Repair rotary chain, Mist drilling 17 1/2" from 607' to 970' Service rig and run WLS Mist drilling 17 1/2" from 547' to 607' Repair rotary chain, Mist drilling from 607' to 970' TD at 970' at 2:30pm 8/2/10, Ran soap sweep and load hole with freshwater and drillcat 50% returns, Laydown 3 jts. Drill pipe hole tight at 188'work out 20', Nipple down rig up casing crew and ran 13 3/8" casing wash 100' to bottom, Rig up BJ cement 13 3/8" plug down at 11:00 pm 8/2/2010 cement circulated 200 sx, W/O/C 6 hrs cut off conductor.														
<u>Accumulator Pressure</u>										<u>Online PSI</u>				
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1)														
Bit Number	Bit Size	Make	Type	Serial Number Run # 1	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM
					1	2	3							
1	17 1/2	Varel	ert14		O	PE	N	40		930	16	58.1	ALL	100+
<u>Compressors</u>		3	<u>Booster(s)</u>		1	<u>PSI-318#</u>		3000	<u>Nitrogen Unit on line at</u>			<u>O2%</u>		
<u>Dusting (D) or Misting (M)</u>			<u>Misting with:</u>		25	<u>bbls.of</u>			<u>Foamer (gph)</u>		3	<u>Shale treat(gph)</u>		
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm														
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>				
GD PZ-8		8		6										
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>				
GD PZ-8		8		6										
Mud Properties														
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out
8.3		/	/											
<u>FUEL</u>		Rig Diesel - "		19	Air Diesel - "		11	Propane - %		25%	Gallons of Diesel delivered		7000	
<u>Remarks</u>														
Directional Surveys														
WLS	1	2	3	4	5	6	7							
Depth	500													
Angle	1.72													
Bottom Hole Assembly (BHA)														
<input type="checkbox"/> No Change (see prior report) <input checked="" type="checkbox"/> New BHA				<u>Drill Pipe Size</u>				<u>Wt.</u>				<u>Grade</u>		
<u>Tool Description</u>				<u>OD (in)</u>				<u>ID (in)</u>				<u>Length (ft)</u>		
<u>Bit</u>														
26 -DCs.				6"				2 1/2				773.38		
<u>Drillpipe on location:</u>														
Brine on hand		0	Barrels											
Freshwater on hand		1000	Barrels											
Mud on hand		0	Barrels											
<u>Pick Up Wt. - K</u>				<u>Slack Off Wt. - K</u>				<u>Rotating Wt. - K</u>				BHA 789.45		

APPROACH OPERATING LLC.						RIG - Nabors # 353						KB - 14.08'					
MORNING DRILLING REPORT																	
<u>Date</u> 8/4/2010						<u>Day #</u> 3											
<u>Well Name</u> University 45-21- #9						<u>County</u> Crockett											
<u>Present Operation</u> Running 8 5/8" casing																	
<u>Depth</u> 2135				<u>Ft. / Day</u> 1165				<u>Rotating Hours</u> 10				<u>Ttl. Rotating Hrs.</u> 26					
<u>Brief Description Of Operations</u> Nipple up 14" conductor and blooie line, pick up 12 1/4" bit, shock sub and trip in hole with BHA to 825', kelly up, unload hole with 400psi, tag cement at 865', drilling cement and float equipment, drilling 12 1/4" hole with bit #2 from 970 - 1126. Adjust air/mist recipe, work pipe, drilling 12 1/4" hole with bit #2 fro 1126 - 1380, service rig, drilling 12 1/4" hole from 1380 - 2135, TD 12 1/4" hole- 2135' at 11pm 8-3-2010 , pump sweeps, work pipe, load hole with freshwater and Drill-cat, circulate hole clean with 100% returns, pull 4 joints DP with kelly, kelly back, trip out of hole, break bit, shock sub and lay down same. Nipple down conductor, rig up casing crew and run 8 5/8" casing at report time.																	
<u>Accumulator Pressure</u>												<u>Online PSI</u> 360					
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10																	
Bit Number	Bit Size	Make	Type	Serial Number	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM			
					1	2	3										
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+			
<u>Compressors</u> 3 <u>Booster(s)</u> 1 <u>PSI-318#</u> 3000 <u>Nitrogen Unit on line at</u> <u>O2%</u>																	
<u>Dusting (D) or Misting (M)</u> <u>Misting with:</u> 26 bbls.of fw <u>Foamer (gph)</u> 3 1/2 <u>Shale treat(gph)</u> <u>Corrsn. Inhbr(gph)</u>																	
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																	
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>							
GD PZ-8		8		6		110		290		200							
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>							
GD PZ-8		8		6													
Mud Properties																	
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out			
8.3		/	/														
<u>FUEL</u>		Rig Diesel - "		30		Air Diesel - "		42		Propane - %		25%		Gallons of Diesel delivered 7000			
<u>Remarks</u>																	
Directional Surveys																	
<u>WLS</u>	1	2	3	4	5	6	7										
Depth	500																
Angle	1.72																
Bottom Hole Assembly (BHA)																	
<input type="checkbox"/> No Change (see prior report) <input checked="" type="checkbox"/> New BHA				<u>Drill Pipe Size</u>				<u>Wt.</u>				<u>Grade</u>					
<u>Tool Description</u>				<u>OD (in)</u>				<u>ID (in)</u>				<u>Length (ft)</u>					
<u>Drillpipe on location:</u>																	
<u>Brine on hand</u>		0		<u>Barrels</u>													
<u>Freshwater on hand</u>		1000		<u>Barrels</u>													
<u>Mud on hand</u>		0		<u>Barrels</u>													
<u>Pick Up Wt. - K</u>				<u>Slack Off Wt. - K</u>				<u>Rotating Wt. - K</u>				BHA 791.24					

APPROACH OPERATING LLC.								RIG - Nabors # 353								KB - 14.08'			
MORNING DRILLING REPORT										Date <u>8/5/2010</u> Day # <u>4</u>									
Well Name <u>University 45-21- #9</u>										County <u>Crockett</u>									
Present Operation <u>Testing BOP's with Monahans tester</u>																			
Depth <u>2135</u>				Ft. / Day <u>0</u>				Rotating Hours <u>0</u>				Ttl. Rotating Hrs. <u>26</u>							
Brief Description Of Operations <u>Complete running 8 5/8" casing, circulate casing on bottom with rig pump, rig down casing crew, rig up BJ Services, test lines, cement 8 5/8" casing, bump plug at 10 am 8-4-2010, (Circulated 109sx to reserve), Wait on cement, cut off casing, weld on 11"X5M casing head and test same with 1000psi, nipple up BOP's, choke manifold, rig up Monahans tester and test BOP's and related equipment with 4500psi high, 250psi low.</u>																			
<div style="display: flex; justify-content: space-between;"> Accumulator Pressure Online PSI </div>																			
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10																			
Bit Number	Bit Size	Make	Type	Serial Number Run # <u>4</u>	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM					
					1	2	3												
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+					
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135											
Compressors		<u>3</u>	Booster(s)		<u>1</u>	PSI-318#		<u>3000</u>	Nitrogen Unit on line at			O2%							
Dusting (D) or Misting (M)			Misting with:		<u>26</u>	bbls.of	fw	Foamer (gph)		<u>3 1/2</u>	Shale treat(gph)		Corrsn. Inhbr(gph)						
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																			
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6		110		290		200									
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6															
Mud Properties																			
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out					
8.3		/	/																
FUEL		Rig Diesel - "		<u>27</u>	Air Diesel - "		<u>41</u>	Propane - %		<u>25%</u>	Gallons of Diesel delivered								
Remarks																			
Directional Surveys																			
WLS	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>												
Depth	<u>500</u>																		
Angle	<u>1.72</u>																		
Bottom Hole Assembly (BHA)																			
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		Drill Pipe Size		<u>4 1/2" XH</u>	Wt.	<u>16.60#,20.00#</u>	Grade	<u>X-95</u>									
Tool Description				OD (in)				ID (in)				Length (ft)							
Drillpipe on location:																			
Brine on hand		<u>0</u>	Barrels																
Freshwater on hand		<u>1000</u>	Barrels																
Mud on hand		<u>0</u>	Barrels																
Pick Up Wt. - K				Slack Off Wt. - K				Rotating Wt. - K				BHA <u>791.24</u>							

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'				
MORNING DRILLING REPORT														
<u>Date</u> 8/6/2010					<u>Day #</u> 5									
<u>Well Name</u> University 45-21- #9					<u>County</u> Crockett									
<u>Present Operation</u> Drilling / dusting with bit # 3														
<u>Depth</u> 3625		<u>Ft. / Day</u> 1490		<u>Rotating Hours</u> 13 1/2		<u>Ttl. Rotating Hrs.</u> 39 1/2								
<u>Brief Description of Operations</u> Test surface equipment with Monahans tester, rig down Monahans, pick up 7 7/8" bit, tri-collar, and trip in hole with BHA and DP to 1805, kelly up, circulate air out of DP, test 4" panic line and casing with 1050 psi., kelly back, lay down 6 joints DP, run 2 stands in out of derrick, kelly up, stab control rubber, pick up singles and tag cement at 1982', unload hole, build mist, drilling cement and float equipment, drilling / misting with bit #3 from 2135 - 2183, pump sweeps, blow and dry hole, drilling / dusting with bit #3 from 2183 - 3625														
<u>2900</u>		<u>Accumulator Pressure</u>								<u>Online PSI</u>		308		
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10														
Bit Number	Bit Size	Make	Type	Serial Number Run # 4	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM
					1	2	3							
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135		1490	13 1/2	110.4	40	65
<u>Compressors</u> 3		<u>Booster(s)</u> 1		<u>PSI-318#</u> 3000		<u>Nitrogen Unit on line at</u>		<u>O2%</u>						
<u>Dusting (D) or Misting (M)</u> d		<u>Misting with:</u>		<u>bbls.of</u>		<u>Foamer (gph)</u>		<u>Shale treat(gph)</u>		<u>Corrsn. Inhbtr(gph)</u>				
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm														
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>				
GD PZ-8		8		6		110		290		200				
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>				
GD PZ-8		8		6										
Mud Properties														
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out
8.3		/	/											
<u>FUEL</u>		Rig Diesel - "		22		Air Diesel - "		30		Propane - %		20%		Gallons of Diesel delivered
<u>Remarks</u>														
Directional Surveys														
WLS	1	2	3	4	5	6	7							
Depth	500													
Angle	1.72													
Bottom Hole Assembly (BHA)														
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		<u>Drill Pipe Size</u> 4 1/2" XH		<u>Wt.</u> 16.60#,20.00#		<u>Grade</u> X-95						
<u>Tool Description</u>				<u>OD (in)</u>				<u>ID (in)</u>				<u>Length (ft)</u>		
1- bit				7 7/8								1		
1- Tri-collar				7 7/8				2 1/4				31.27		
26- DC's				6				2 1/4				774.79		
<u>Drillpipe on location:</u>														
<u>Brine on hand</u>		500	Barrels											
<u>Freshwater on hand</u>		1000	Barrels											
<u>Mud on hand</u>		500	Barrels											
<u>Pick Up Wt. - 150 K</u>				<u>Slack Off Wt. - 130 K</u>				<u>Rotating Wt. - 140 K</u>				BHA 807.06		

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'					
MORNING DRILLING REPORT															
<u>Date</u> 8/7/2010					<u>Day #</u> 6										
<u>Well Name</u> University 45-21- #9					<u>County</u> Crockett										
<u>Present Operation</u> Drilling / dusting with bit # 3															
<u>Depth</u> 5919			<u>Ft. / Day</u> 2294			<u>Rotating Hours</u> 22 1/2			<u>Ttl. Rotating Hrs.</u> 62						
<u>Brief Description of Operations</u> Drilling / dusting with bit # 3 from 3625 - 3812, run Multi-shot - tool failure/misrun, drilling / dusting from 3812 - 4347, Service rig, drilling / dusting from 4347 - 4819, run Multi-shot surveys, drilling / dusting from 4819 - 5919.															
2900 <u>Accumulator Pressure</u>										Online PSI 345					
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10															
Bit Number	Bit Size	Make	Type	Serial Number Run # <u>4</u>	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM	
					1	2	3								
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+	
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135		3784	36	105.11	40	65	
<u>Compressors</u>		3	<u>Booster(s)</u>		1	<u>PSI-318#</u>		3000	<u>Nitrogen Unit on line at</u>			O2%			
<u>Dusting (D) or Misting (M)</u>		d	<u>Misting with:</u>			<u>bbls.of</u>			<u>Foamer (gph)</u>			<u>Shale treat(gph)</u>		<u>Corrsn. Inhbrtr(gph)</u>	
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm															
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>					
GD PZ-8		8		6											
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>					
GD PZ-8		8		6											
Mud Properties															
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out	
8.3	29	/	/	8.5											
<u>FUEL</u>		Rig Diesel - "		42	Air Diesel - "		31	Propane - %		70%	Gallons of Diesel delivered		5000		
Remarks															
Directional Surveys															
WLS	1	2	3	4	5	6	7								
Depth	1000	1500	2000	2750	3750	4750									
Angle	.23°	1.69°	.79°	1.08°	.99°	1.06°									
Bottom Hole Assembly (BHA)															
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		<u>Drill Pipe Size</u>		4 1/2" XH	<u>Wt.</u>		16.60#,20.00#	<u>Grade</u>		X-95			
<u>Tool Description</u>				<u>OD (in)</u>				<u>ID (in)</u>				<u>Length (ft)</u>			
1- bit				7 7/8								1			
1- Tri-collar				7 7/8				2 1/4				31.27			
26- DC's				6				2 1/4				774.79			
<u>Drillpipe on location:</u>															
<u>Brine on hand</u>		500	<u>Barrels</u>												
<u>Freshwater on hand</u>		1000	<u>Barrels</u>												
<u>Mud on hand</u>		500	<u>Barrels</u>												
Pick Up Wt. - 195 K				Slack Off Wt. - 185 K				Rotating Wt. - 190 K				BHA 807.06			

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'				
MORNING DRILLING REPORT					Date 8/8/2010					Day # 7				
Well Name University 45-21- #9					County Crockett									
Present Operation Drilling / dusting with bit # 3 and nitrogen														
Depth 7933		Ft. / Day 2014		Rotating Hours 23		Ttl. Rotating Hrs. 85								
Brief Description of Operations Drilling / dusting with bit # 3 from 5919 - 6265, service rig, drilling / dusting with bit # 3 from 6265 -7241, (Nitrogen online at 6486'), change control rubber, drilling / dusting with nitrogen from 7241 - 7933.														
**First flare at 7241' (DTG) see flare report														
2900		Accumulator Pressure								Online PSI 211				
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10														
Bit Number	Bit Size	Make	Type	Serial Number Run # 4	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM
					1	2	3							
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135		5795	59	98.3	40	65
Compressors 3		Booster(s) 1		PSI-318# 3000		Nitrogen Unit on line at 6486		O2% 8.7						
Dusting (D) or Misting (M) d		Misting with:		bbls.of		Foamer (gph)		Shale treat(gph)		Corrsn. Inhbtr(gph)				
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm														
Pump # 1		Stroke		Liners		SPM		GPM		Pump Pressure				
GD PZ-8		8		6										
Remarks		Stroke		Liners		SPM		GPM		Pump Pressure				
GD PZ-8		8		6										
Mud Properties														
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pt/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out
9.6	29	/	/	8.5	8									
FUEL		Rig Diesel - "		13		Air Diesel - "		37		Propane - % 70%		Gallons of Diesel delivered		
Remarks														
Directional Surveys														
WLS	1	2	3	4	5	6	7							
Depth	1000	1500	2000	2750	3750	4750								
Angle	.23°	1.69°	.79°	1.08°	.99°	1.06°								
Bottom Hole Assembly (BHA)														
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		Drill Pipe Size 4 1/2" XH		Wt. 16.60#,20.00#		Grade X-95						
Tool Description				OD (in)				ID (in)				Length (ft)		
1- bit				7 7/8								1		
1- Tri-collar				7 7/8				2 1/4				31.27		
26- DC's				6				2 1/4				774.79		
Drillpipe on location:														
Brine on hand 500 Barrels														
Freshwater on hand 1000 Barrels														
Mud on hand 500 Barrels														
Pick Up Wt. - 245 K				Slack Off Wt. - 220 K				Rotating Wt. - 230 K				BHA 807.06		

APPROACH OPERATING LLC.						RIG - Nabors # 353						KB - 14.08'					
MORNING DRILLING REPORT																	
<u>Date</u> 8/9/2010						<u>Day #</u> 8											
<u>Well Name</u> University 45-21- #9						<u>County</u> Crockett											
<u>Present Operation</u> Waiting on Nabors to repair derrick																	
<u>Depth</u> 8050				<u>Ft. / Day</u> 117				<u>Rotating Hours</u> 1 1/2				<u>Ttl. Rotating Hrs.</u> 86 1/2					
<u>Brief Description of Operations</u> Drilling / dusting with bit # 3 and nitrogen from 7933 -8050 (**TD 8050 at 730am 8-8-2010), blow hole clean, load hole with starch base brine, circulate hole clean for E-logs, work pipe, kelly back, install elevators, trip out of hole for E-logs with DP and 3 stands BHA. Driller ran into crown in derrick with 4th stand of DC's, (bit at approximately 450'), inspect damage, shut down and wait on orders from Nabors for re-pairs and operations.																	
2900 Accumulator Pressure												Online PSI 211					
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10																	
Bit Number	Bit Size	Make	Type	Serial Number Run # 4	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM			
					1	2	3										
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+			
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135	8050	5915	60 1/2	97.8	40	65			
<u>Compressors</u> 3		<u>Booster(s)</u> 1		<u>PSI-318#</u> 3000		<u>Nitrogen Unit on line at</u> 6486		<u>O2%</u> 8.7									
<u>Dusting (D) or Misting (M)</u> d		<u>Misting with:</u>		<u>bbls.of</u>		<u>Foamer (gph)</u>		<u>Shale treat(gph)</u>		<u>Corrsn. Inhbrtr(gph)</u>							
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																	
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>							
GD PZ-8		8		6		105		278		550							
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>							
GD PZ-8		8		6													
Mud Properties																	
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out			
9.6	29	/	/	8.5	8												
<u>FUEL</u>		Rig Diesel - "		33	Air Diesel - "		8	Propane - %				<u>Gallons of Diesel delivered</u>					
<u>Remarks</u>																	
Directional Surveys																	
WLS	1	2	3	4	5	6	7										
Depth																	
Angle																	
Bottom Hole Assembly (BHA)																	
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		<u>Drill Pipe Size</u> 4 1/2" XH		<u>Wt.</u> 16.60#,20.00#		<u>Grade</u> X-95									
<u>Tool Description</u>				<u>OD (in)</u>				<u>ID (in)</u>				<u>Length (ft)</u>					
1- bit				7 7/8								1					
1- Tri-collar				7 7/8				2 1/4				31.27					
26- DC's				6				2 1/4				774.79					
<u>Drillpipe on location:</u>																	
<u>Brine on hand</u>		100	<u>Barrels</u>														
<u>Freshwater on hand</u>		900	<u>Barrels</u>														
<u>Mud on hand</u>		500	<u>Barrels</u>														
<u>Pick Up Wt. - K</u>				<u>Slack Off Wt. - K</u>				<u>Rotating Wt. - K</u>				<u>BHA</u> 807.06					

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'									
MORNING DRILLING REPORT																			
<u>Date</u> 8/10/2010					<u>Day #</u> 9														
<u>Well Name</u> University 45-21- #9					<u>County</u> Crockett														
<u>Present Operation</u> Waiting on Nabors to repair derrick																			
<u>Depth</u> 8050					<u>Ft. / Day</u>					<u>Rotating Hours</u>					<u>Ttl. Rotating Hrs.</u> 86 1/2				
<u>Brief Description of Operations</u> Crown inspected by Woolslayer engineer, waiting on steel beams, etc. to replace bent beams in derrick at present.																			
2900					Accumulator Pressure					Online PSI 211									
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10																			
Bit Number	Bit Size	Make	Type	Serial Number Run # <u>4</u>	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM					
					1	2	3												
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+					
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135	8050	5915	60 1/2	97.8	40	65					
Compressors		3	Booster(s)		1	PSI-318#		3000	Nitrogen Unit on line at			6486	O2% 8.7						
Dusting (D) or Misting (M)		d	Misting with:			bbls.of			Foamer (gph)			Shale treat(gph)		Corrsn. Inhbrtr(gph)					
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																			
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6		105		278		550									
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6															
Mud Properties																			
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out					
9.6	29	/	/	8.5	8														
<u>FUEL</u>		Rig Diesel - "		30	Air Diesel - "		8	Propane - %				Gallons of Diesel delivered							
Remarks																			
Directional Surveys																			
WLS	1	2	3	4	5	6	7												
Depth																			
Angle																			
Bottom Hole Assembly (BHA)																			
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		Drill Pipe Size		4 1/2" XH		Wt.		16.60#,20.00#		Grade		X-95					
Tool Description				OD (in)				ID (in)				Length (ft)							
1- bit				7 7/8								1							
1- Tri-collar				7 7/8				2 1/4				31.27							
26- DC's				6				2 1/4				774.79							
Drillpipe on location:																			
Brine on hand		100	Barrels																
Freshwater on hand		900	Barrels																
Mud on hand		500	Barrels																
Pick Up Wt. - K				Slack Off Wt. - K				Rotating Wt. - K				BHA 807.06							

APPROACH OPERATING LLC.						RIG - Nabors # 353						KB - 14.08'						
MORNING DRILLING REPORT																		
<u>Date</u> 8/11/2010						<u>Day #</u> 10												
<u>Well Name</u> University 45-21- #9						<u>County</u> Crockett												
<u>Present Operation</u> Circulating and conditioning hole for E-logs																		
<u>Depth</u> 8050				<u>Ft. / Day</u> 0				<u>Rotating Hours</u> 0				<u>Ttl. Rotating Hrs.</u> 86 1/2						
<u>Brief Description of Operations</u> *****Nabors Downtime--- 24 hours--- Repairs to derrick crown beams, inspect, trip in hole to circulate and condition hole for E-logs. 10' soft fill when washing back to bottom, on bottom and circulating at 6 am 8-11-2010.																		
2900						Accumulator Pressure						Online PSI						
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10																		
Bit Number	Bit Size	Make	Type	Serial Number Run # 4	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM				
					1	2	3											
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+				
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135	8050	5915	60 1/2	97.8	40	65				
Compressors		3	Booster(s)		1	PSI-318#		3000	Nitrogen Unit on line at			6486	O2%		8.7			
Dusting (D) or Misting (M)		d	Misting with:			bbls.of			Foamer (gph)			Shale treat(gph)			Corrsn. Inhbrtr(gph)			
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																		
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>								
GD PZ-8		8		6		105		278		550								
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>								
GD PZ-8		8		6														
Mud Properties																		
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out				
9.6	29	/	/	8.5	8													
<u>FUEL</u>		Rig Diesel - "		30	Air Diesel - "		8	Propane - %				Gallons of Diesel delivered						
Remarks																		
Directional Surveys																		
WLS	1		2		3		4		5		6		7					
Depth																		
Angle																		
Bottom Hole Assembly (BHA)																		
<input type="checkbox"/> No Change (see prior report)				<input checked="" type="checkbox"/> New BHA				Drill Pipe Size		4 1/2" XH		Wt. 16.60#,20.00#		Grade X-95				
Tool Description					OD (in)				ID (in)				Length (ft)					
1- bit					7 7/8								1					
1- Tri-collar					7 7/8				2 1/4				31.27					
26- DC's					6				2 1/4				774.79					
Drillpipe on location:																		
Brine on hand			100	Barrels														
Freshwater on hand			900	Barrels														
Mud on hand			500	Barrels														
Pick Up Wt. - K					Slack Off Wt. - K					Rotating Wt. - K					BHA 807.06			

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'									
MORNING DRILLING REPORT																			
<u>Date</u> 8/12/2010					<u>Day #</u> 11														
<u>Well Name</u> University 45-21- #9					<u>County</u> Crockett														
<u>Present Operation</u> Laying down drill pipe																			
<u>Depth</u> 8050					<u>Ft. / Day</u> 0					<u>Rotating Hours</u> 0					<u>Ttl. Rotating Hrs.</u> 86 1/2				
<u>Brief Description of Operations</u> *****Nabors Downtime--- hours--- 6:00am to 1:00 pm 8/11/2010 circulate 3 hrs and trip out with drill pipe to callars																			
Trip out drill collars and laydown tri collar, Rig up HLS and run triple combo log loggers TD at 8050' Rig down same, Trip in hole breaking circulation																			
every 20 stands wash 4 joints to bottom no fill, Circulate and condition hole, Ran WLS at 5750' - 6750' and 7750', Circulate and condition hole,																			
Rig up laydown machine and laydown drill pipe																			
2900 Accumulator Pressure										Online PSI									
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10																			
Bit Number	Bit Size	Make	Type	Serial Number Run # <u>4</u>	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM					
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+					
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135	8050	5915	60 1/2	97.8	40	65					
Compressors 3		Booster(s) 1		PSI-318# 3000		Nitrogen Unit on line at 6486		O2% 8.7											
Dusting (D) or Misting (M) d		Misting with:		bbls.of		Foamer (gph)		Shale treat(gph)		Corrsn. Inhbrtr(gph)									
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm																			
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6		105		278		570									
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>									
GD PZ-8		8		6															
Mud Properties																			
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out					
9.6	29	/	/	8.5	8														
<u>FUEL</u>		Rig Diesel - " 23		Air Diesel - " 8		Propane - %				Gallons of Diesel delivered									
Remarks																			
Directional Surveys																			
WLS	1		2		3		4		5		6		7						
Depth	5750'		6750'		7750'														
Angle	..80		..85		2.97														
Bottom Hole Assembly (BHA)																			
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		Drill Pipe Size 4 1/2" XH		Wt. 16.60#,20.00#		Grade X-95											
Tool Description				OD (in)				ID (in)				Length (ft)							
1- bit				7 7/8								1							
1- Tri-collar				7 7/8				2 1/4				31.27							
26- DC's				6				2 1/4				774.79							
Drillpipe on location:																			
Brine on hand		100		Barrels															
Freshwater on hand		900		Barrels															
Mud on hand		500		Barrels															
Pick Up Wt. - K				Slack Off Wt. - K				Rotating Wt. - K				BHA 807.06							

APPROACH OPERATING LLC.					RIG - Nabors # 353					KB - 14.08'				
MORNING DRILLING REPORT										Date <u>8/13/2010</u> Day # <u>12</u>				
Well Name <u>University 45-21- #9</u>					County <u>Crockett</u>									
Present Operation <u>Rigging down</u>														
Depth <u>8050</u>		Ft. / Day <u>0</u>		Rotating Hours <u>0</u>		Ttl. Rotating Hrs. <u>86 1/2</u>								
Brief Description of Operations <u>Lay down drill pipe, collars and break kelly Rig up and run 4 1/2" casing, Circulate with rig pump rigdown casing crew and laydown machine, Rig up BJ and cement 4 1/2" casing plug down at 10:00pm 8/12/10 float held, Nipple down lift BOP set 4 1/2" casing slips cut off casing and laydown BOP, Jet and clean steel pits, (Rig released at 6:00am 8/13/10)</u>														
(Move rig Saturday)														
2900 Accumulator Pressure										Online PSI				
Notified RRC of spud @ 9:00pm 8-1-2010 (John) (operator # JJ1) /// "Patsy" JPW w/RRC of intermediate @12:15am 8-4-10														
Bit Number	Bit Size	Make	Type	Serial Number	Nozzles 32nds			Depth In	Depth Out	Total Footage	Hours on Bit	Ft./Hr.	Bit Weight	RPM
					Run # <u>4</u>									
2	12 1/4	Varel	ch 29 v	120044694	O	PE	N	970	2135	1165	10	117	45+	100+
3	7 7/8	Varel	AF45MS	1208601	O	PE	N	2135	8050	5915	60 1/2	97.8	40	65
Compressors <u>3</u>		Booster(s) <u>1</u>		PSI-318# <u>3000</u>		Nitrogen Unit on line at <u>6486</u>		O2% <u>8.7</u>						
Dusting (D) or Misting (M) <u>d</u>		Misting with:		bbls.of		Foamer (gph)		Shale treat(gph)		Corrsn. Inhbtr(gph)				
Gardner Denver PZ-8 output is ---.063 BPS at 95% = 6.3 bbls at 100 spm or 265 gpm														
<u>Pump # 1</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>				
GD PZ-8		8		6		105		278		570				
<u>Remarks</u>		<u>Stroke</u>		<u>Liners</u>		<u>SPM</u>		<u>GPM</u>		<u>Pump Pressure</u>				
GD PZ-8		8		6										
Mud Properties														
Wt.	Fun'l Vis.	PV/YP	Gels	PH	Filtrate CC/30 min. HT API	Cake 32nds.	Pm	pf/mf	Chlorides PPM	Calcium PPM	% Sand	% Solids	% Oil	Vis. Out
9.6	29	/	/	8.5	8									
FUEL		Rig Diesel - " <u>23</u>		Air Diesel - " <u>8</u>		Propane - %				Gallons of Diesel delivered				
Remarks														
Directional Surveys														
WLS	1		2		3		4		5		6		7	
Depth														
Angle														
Bottom Hole Assembly (BHA)														
<input type="checkbox"/> No Change (see prior report)		<input checked="" type="checkbox"/> New BHA		Drill Pipe Size <u>4 1/2" XH</u>		Wt. <u>16.60#,20.00#</u>		Grade <u>X-95</u>						
Tool Description				OD (in)				ID (in)				Length (ft)		
Drillpipe on location:														
Brine on hand		100		Barrels										
Freshwater on hand		900		Barrels										
Mud on hand		500		Barrels										
Pick Up Wt. - K				Slack Off Wt. - K				Rotating Wt. - K				BHA		

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

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

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	AUG 19,2010	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
LOG WELL	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
2-3/8 4/7# N-80					
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Tbg Anchor Set @

HOURS	OPERATIONS IN SEQUENCE		
	NIPPLE UP 10-K FRAC VALVE TO WELL HEAD WITH GOAT HEAD ON TOP. MOVE IN RIG UP BAKER		
	HUGHES WIRELINE. RUN IN HOLE WITH GAMA-RAY, CASING COLLAR AND CEMENT BOND LOGGING		
	TOOLS. FOUND TOP OF CEMENT AT 2774', THE SHORT JOINT FROM 5968' TO 5988' AND P-B-T-D AT		
	8000' PRESSURE CASING UP TO 1000-PSI, PULL GAMA-RAY, CASING COLLAR AND CEMENT BOND LOGS		
	FROM P-B-T-D UP TO 2520'. PULL OUT OF HOLE, RIG BAKER HUGHES DOWN FROM WELL. CLOSE		
	FRAC VALVE, PRESSURE CASING UP TO 5000-PSI TO TEST CASING AND FRAC VALVE, TEST GOOD.		
	BWTR		
	BWR		
	BWUL	0	
Daily Cost	\$13,950.00	Cum Completion Cost:	\$13,950.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

2

☐

Initial Report

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Continued Report

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Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	AUG 20,2010	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
PERF WELL	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Tbg Anchor Set @

HOURS

OPERATIONS IN SEQUENCE

ON LOCATION, RIG UP BAKER HUGHES WIRELINE. RUN IN HOLE WITH 3-1/8" CASING GUM. PRESSURE CASING TO 2500-PSI, PERFORATE FORMATION FROM 7902-7905' WITH 10-HOLES. LOST 200-PSI AFTER PERFORATING HOLES. PERFORATE A TOTAL OF 36-HOLES FROM 7760' TO 7905'. PULL OUT OF HOLE RIG BAKER HUGHES DOWN FROM WELL. SHUT WELL IN.

BWTR

BWR

BWUL

0

Daily Cost

\$3,350.00

Cum Completion Cost:

\$17,300.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

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

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8/24/2010	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
FRAC WELL	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Tbg Anchor Set @

HOURS	OPERATIONS IN SEQUENCE		
	MOVE IN RIG UP B-J SERVICES AND FLO-CO2 TO FRAC WELL		
	PRESSURE CASING TO 3349-PSI TO BREAK FORMATION		
	MAX TREATING PRESSURE = 5060-PSI AVG. TREATING PRESSURE = 4220-BBLS		
	MAX INJECTION RATE = 39.5-BPM AVG. INJECTION RATE 39.1-BPM		
	TOTAL ACID INJECTED = 500-GALS OF 10% ACETIC ACID		
	TOTAL FLUID INJECTED = 1308-BBLS		
	TOTAL CO-2 INJECTED = 94-TONS + 4-TONS COOL DOWN		
	TOTAL SAND INJECTED = 118,000-LBS		
	I-S-I-P = 3203-PSI 5-MIN = 2830-PSI 10-MIN = 2775-PSI 15-MIN = 2734-PSI		
	SHUT WELL IN, RIG B-J SERVICES AND FLO-CO2 DOWN FROM WELL. LEFT WELL WITH WELL TESTERS.		

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

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Initial Report

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Continued Report

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Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8/25/2010	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
FLOWBACK	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Tbg Anchor Set @

HOURS

OPERATIONS IN SEQUENCE

FLOWING WELL BACK : SOUTHWEST WELL TENDING

DOWN LINE SALES : N SALES RATE

8-26-10 6:00 A.M.

TBG - NONE CSG - 1065 RATE: 15 BBLS PER HOUR CO2 - 70% CHOKE SIZE - 15

RECOVERED LAST 24 HOURS : 398 BBLS OF WATER 0 BBLS OF OIL

TOTAL BBLS WATER RECOVERED: 475 TOTAL BBLS OIL RECOVERED: 0

BWTR 1308

BWR 475

BWUL 833

Daily Cost

\$3,350.00

Cum Completion Cost:

\$17,300.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

12

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Initial Report

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Continued Report

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Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8.26.10	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
FLOWBACK	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Tbg Anchor Set @

HOURS

OPERATIONS IN SEQUENCE

FLOWING WELL BACK : SOUTHWEST WELL TENDING

DOWN LINE SALES : Y SALES RATE 573

8-27-10 6:00 A.M.

TBG - NONE CSG - 225 RATE: 3 BBLS PER HOUR CO2 - 22% CHOKE SIZE - 24

RECOVERED LAST 24 HOURS : 194 BBLS OF WATER 0 BBLS OF OIL

TOTAL BBLS WATER RECOVERED: 669 TOTAL BBLS OIL RECOVERED: 0

BWTR 1308

BWR 669

BWUL 639

Daily Cost

\$3,350.00

Cum Completion Cost:

\$17,300.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

13

☐ Initial Report

☒ Continued Report

☐ Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8.27.10	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
FLOWBACK/RIH TBG	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
2 3/8" 4.7# J-55		242	7625'		7694'
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
7626'					
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Sand Fill
					7752

HOURS

OPERATIONS IN SEQUENCE

RIG UP FORBES PULLING UNIT. KILL WELL W/ 30 BBLS 5% KCL WATER. NIPPLE DOWN FRAC VALVE. NIPPLE DOWN BOP. GO IN HOLE W/ 2 3/8" NOTCHED COLLAR. DISK SUB. 1 JT SEAT NIPPLR. 245 JTS TBG. TAG SAND @ ALL PERFS COVERED. LAY DOWN 4 JTS. NIPPLE DOWN BOP. LAND TBG 242 JTS. 7625 RKB. DROP BAR B DISK. RIG UP SWAB RIG.

FLOWING WELL BACK : SOUTHWEST WELL TENDING

DOWN LINE SALES : Y SALES RATE 434

8-28-10 6:00 A.M.

TBG - 120 CSG - 400 RATE: 6 BBLS PER HOUR CO2 - 0% CHOKE SIZE - WO

RECOVERED LAST 24 HOURS : 56 BBLS OF WATER 5 BBLS OF OIL

TOTAL BBLS WATER RECOVERED: 728 TOTAL BBLS OIL RECOVERED: 5

BWTR 1308

BWR 728

BWUL 580

Daily Cost \$3,350.00 Cum Completion Cost: \$17,300.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

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☐ Initial Report

☒ Continued Report

☐ Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8.28.10	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
FLOWBACK	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
2 3/8" 4.7# J-55		242	7625'		7694'
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
7626'					
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	SAND FILL
					7752'

HOURS

OPERATIONS IN SEQUENCE

FLOWING WELL BACK : SOUTHWEST WELL TENDING

DOWN LINE SALES : Y SALES RATE 429

8-28-10 6:00 A.M.

TBG - 130 CSG - 345 RATE: 8 BBLS PER HOUR CO2 - 5% CHOKE SIZE - WO

RECOVERED LAST 24 HOURS : 40 BBLS OF WATER 9 BBLS OF OIL

TOTAL BBLS WATER RECOVERED: 768 TOTAL BBLS OIL RECOVERED: 13

BWTR 1308

BWR 768

BWUL 540

Daily Cost

\$3,350.00

Cum Completion Cost:

\$17,300.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

15

☐ Initial Report

☒ Continued Report

☐ Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8.29.10	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
FLOWBACK	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
2 3/8" 4.7# J-55		242	7625'		7694'
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
7626'					
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	SAND FILL
					7752'

HOURS

OPERATIONS IN SEQUENCE

FLOWING WELL BACK : SOUTHWEST WELL TENDING

DOWN LINE SALES : Y SALES RATE 443

8-28-10 6:00 A.M.

TBG - 135 CSG - 435 RATE: 3 BBLS PER HOUR CO2 - 5% CHOKE SIZE - WO

RECOVERED LAST 24 HOURS : 15 BBLS OF WATER 6 BBLS OF OIL

TOTAL BBLS WATER RECOVERED: 783 TOTAL BBLS OIL RECOVERED: 19

released @ 2:00pm

BWTR 1308

BWR 783

BWUL 525

Daily Cost

\$3,350.00

Cum Completion Cost:

\$17,300.00

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

16

☐ Initial Report

☒ Continued Report

☐ Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45-21-9	10-849	8.30.10	8,000	8050
Present Ops.:	KB		Casing I.D.	Float Shoe @	Top of Cement
WASH SAND	18	4-1/2" 11.6# N-80		8009.64	2774
Tbg.Size, wt. G	Tubing Set @	No. Joints	Bottom of TBG	Seat Nipple I.D.	Seat Nippling set @
2 3/8" 4.7# J-55		247	7764		7765
Notched Collar @	Frac. Plug @	Frac. Plug @	Pkr. Set @	CIBP Set @	CIBP Set @
7766					
Perforations	Perforations	Perforations	Perforations	Perforations	Perforations
7760' TO 7905'					
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	SAND FILL
					None

HOURS

OPERATIONS IN SEQUENCE

ON LOCATION, FOUND 200-PSI ON CASING 40-PSI ON TUBING. BLED PRESSURE OFF, KILL TUBING WITH 5-BBLS OF 5% KCL WATER. RIG UP WEATHERFORD FOAM UNIT AND POWER SWIVEL. MOVE TUBING DOWN HOLE 4-JTS TAG SAND FILL. WASH SAND TO P-B-T-D AT 8000' WITH 255-JTS IN HOLE. CIRCULATE HOLE 2-HOURS TO CLEAN SAND FROM CASING. PULL 8-JTS OUT LAYING DOWN TO SET NOTCHED COLLAR AT 7766'. SET TUBING IN WELL HEAD WITH WRAP AROUND. RIG WEATHERFORD DOWN FROM WELL..NIPPLE DOWN B-O-P, NIPPLE UP PRODUCTION TREE. CREW ON LOCATION TO BUILD FLOWLINE FROM WELL HEAD TO SALES EQUIPMENT. UNLOAD FLUID FROM TUBING AND PUT WELL ON PRODUCTION WITH FLOW RATE AT 450-MCF/DAY THROUGH 12/64" CHOKE. TUBING PRESSURE AT 720-PSI AND CASING 910-PSI. RIG PULLING UNIT DOWN LEFT WELL ON PRODUCTION.

BWTR 1308

BWR 783

BWUL 525

Daily Cost

\$3,350.00

Cum Completion Cost:

\$17,300.00