

APPROACH OPERATING LLC.		RIG: <u>Ringo 17</u>	KB: <u>17</u> '
MORNING DRILLING REPORT		Date: <u>10/31/2011</u>	Day: <u>1</u>
Well Name: <u>University 45"E"#2004</u>		AFE: <u>11-857</u>	County: <u>Crockett</u>
Present Operation: <u>Rig Repair (Repack Swivel)</u>			
Depth: <u>90</u> '	Footage: <u>83</u> '	Rotating Hours: <u>3</u>	Cum Rot Hrs: <u>3</u>
Brief Description Of Operations: <u>Finish Rigging up , Pre-Spud Inspection , Build Mist & Test Lines , Mist / Drill 40 - 75 , Rig Repair Rotary Chain ,</u>			
<u>Mist / Drill 75 - 83 , Rig Repair , Laydown Kelly & Re-Pack Swivel</u>			
Spud at 11:30pm 10/30/2011			
Accumulator Pressure		Online PSI	
Notified TRRC of Spud	Date: <u>10/30/11</u>	Time: <u>11:30pm</u>	Name: <u>Operator JLB</u>

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MORNING DRILLING REPORT		Date: <u>11/1/2011</u>	Day: <u>2</u>
Well Name: <u>University 45"E" #2004</u>		AFE: <u>11-857</u>	County: <u>Crockett</u>
Present Operation: <u>Circulate Casing</u>			
Depth: <u>931</u> '		Footage: <u>841</u> '	Rotating Hours: <u>13 1/2</u> Cum Rot Hrs: <u>16 1/2</u>
Brief Description Of Operations: <u>Rig Repair , Repack swivel, Mist / Drill 90 - 174, Rig Service , Mist / Drill 174 - 354, Rig service , Mist / Drill 294 - 931, TD at 11pm 10/31/2011, Blow Hole pump Sweeps, Load Hole with Drill Cat & Vise Masters, Pump out 1 Joint of Drill pipe & Trip out of Hole Laydown Shock Sub & Bit , Rig up Casing Tools & Run 20 joints of 13 3/8" Casing, Set Shoe at 895.92 , Circulate Casing.</u>			
TD Surface @ 10:30pm 10/31/2011 75% Returns			
Accumulator Pressure		Online PSI	

APPROACH OPERATING LLC.		RIG: <u>Ringo 17</u>	KB: <u>17</u> '
MORNING DRILLING REPORT		Date: <u>11/2/2011</u>	Day: <u>3</u>
Well Name: <u>University 45"E" #2004</u>	AFE: <u>11-857</u>	County: <u>Crockett</u>	
Present Operation: <u>Circulate & Condition Hole</u>			
Depth: <u>2097</u> '	Footage: <u>1166</u> '	Rotating Hours: <u>9</u>	Cum Rot Hrs: <u>25 1/2</u>
Brief Description Of Operations: <u>Cement 13 3/8" Casing , Wait on Cement , Run Temp. Survey Top of Cement at 350' , Top out with 100sks</u>			
<u>Thru 1" , Cut off Casing and Weld on 14" Flange , Nipple up Rotating Head & Blooie Line , Make up Bit # 2 & Trip in Hole , Break Circulation & Drill</u>			
<u>Cement & Float Equipment, Fluid / Drill 931 - 2097. TD at 5am 11/2/2011, Circulate & Condition Hole.</u>			
TD at 5am 11/2/2011 100% Returns			
Accumulator Pressure		Online PSI	

APPROACH OPERATING LLC. MORNING DRILLING REPORT		RIG: <u>Ringo 17</u>	KB: <u>17</u> '
		Date: <u>11/3/2011</u>	Day: <u>4</u>
Well Name: <u>University 45"E" #2004</u>	AFE: <u>11-857</u>	County: <u>Crockett</u>	
Present Operation: <u>Testing BOP</u>			
Depth: <u>2097</u> '	Footage: <u>0</u> '	Rotating Hours: <u>0</u>	Cum Rot Hrs: <u>25 1/2</u>
Brief Description Of Operations: <u>Circulate & Condition Hole , Trip out of Hole , Laydown 2-8"DCs & Shock Sub, Rig up Casing Tools & Ran 46</u> <u>Joints of 32# & 24# Casing Set Shoe at 2024.04", Circulate Casing , Rig up BJ Service and Cement Casing with 450sks of Lead & 235sks of Tail ,</u> <u>Bump Plug at 2pm 11/2/2011 , Cut off Casing and Weld on Well Head , Test Well Head too 1000psi , Rig up Monahans Nipple up Tester & Test BOP.</u>			
<u>Bump Plug at 2pm 11/2/2011 Circulated 62sks too Pit.</u>			
Accumulator Pressure		Online PSI	

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MORNING DRILLING REPORT		Date: <u>11/4/2011</u>	Day: <u>5</u>
Well Name: <u>University 45"E" #2004</u>	AFE: <u>11-857</u>	County: <u>Crockett</u>	
Present Operation: <u>Dust / Drill 7 7/8" Hole</u>			
Depth: <u>3665</u> '	Footage: <u>1568</u> '	Rotating Hours: <u>12 1/2</u>	Cum Rot Hrs: <u>38</u>
Brief Description Of Operations: <u>Test BOP and Choke Manifold too 250Lo & 5000Hi , Pick up Kelly and Test Kelly , Mud Lines & Air Manifold too 250Lo & 3000HI , Nipple up Blooie Line , Make up Bit # 3 and Trip in Hole , Break Circulation and Test Casing too 1000psi, Run Wire Line Surveys Unload Hole & Drill Cement & Float Equipment , Drill & Dry up Hole 2097 - 3508, Rig Service , Dust / Drill 3508 - 3665.</u>			
Accumulator Pressure		Online PSI	

APPROACH OPERATING LLC.		RIG: <u>Ringo 17</u>	KB: <u>17</u> '
MORNING DRILLING REPORT		Date: <u>11/5/2011</u>	Day: <u>6</u>
Well Name: <u>University 45"E" #2004</u>	AFE: <u>11-857</u>	County: <u>Crockett</u>	
Present Operation: <u>Drill / Dust 7 7/8" Hole</u>			
Depth: <u>6307</u> '	Footage: <u>2642</u> '	Rotating Hours: <u>22</u>	Cum Rot Hrs: <u>60</u>
Brief Description Of Operations: <u>Dust / Drill 3665 - 4135 , Rig Service , Dust / Drill 4135 - 4638 , Run Wire Line Surveys,</u>			
<u>Dust / Drill 4638 - 5079, Rig Service , Dust / Drill 5079 - 6307.</u>			
Accumulator Pressure		Online PSI	

APPROACH OPERATING LLC.		RIG: <u>Ringo 17</u>	KB: <u>17</u> '
MORNING DRILLING REPORT		Date: <u>11/6/2011</u>	Day: <u>7</u>
Well Name: <u>University 45"E" #2004</u>		AFE: <u>11-857</u>	County: <u>Crockett</u>
Present Operation: <u>Trip out for Logs</u>			
Depth: <u>8100</u> '		Footage: <u>1793</u> '	Rotating Hours: <u>19</u> Cum Rot Hrs: <u>79</u>
Brief Description Of Operations: <u>Dust / Drill 6307 - 6497 , Service Rig & Blow Hole , Put nitrogen on Line at 6497, Dust / Drill with Nitrogen 6497 - 7381 , Service Rig , Dust / Drill W/Nitrogen 7381 - 8100 , TD at 2am 11/6/2011, Blow Hole & Load Hole with Brine Water Mud, Circulate & Condition Hole , Set Kelly Back & Trip out for Logs.</u>			
<u>3000</u>	Accumulator Pressure	Online PSI	<u>367</u>

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MORNING DRILLING REPORT		Date: <u>11/7/2011</u>	Day: <u>8</u>
Well Name: <u>University 45"E" #2004</u>	AFE: <u>11-857</u>	County: <u>Crockett</u>	
Present Operation: <u>Laydown DCs</u>			
Depth: <u>8100</u> '	Footage: <u>0</u> '	Rotating Hours: <u>0</u>	Cum Rot Hrs: <u>79</u>
Brief Description Of Operations: <u>Trip out for Logs , Rig up HLS and Run a Triple Combo Log , Loggers TD at 8090 , Rig Down HLS ,</u>			
<u>Make up Bit & Trip in Hole , Run Wire Line Surveys , Circulate & Condition Hole , Laydown Drill Pipe & Drill Collars.</u>			
<u>3000</u>	Accumulator Pressure	Online PSI	

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MORNING DRILLING REPORT		Date: <u>11/8/2011</u>	Day: <u>9</u>
Well Name: <u>University 45"E" #2004</u>		AFE: <u>11-857</u>	County: <u>Crockett</u>
Present Operation: <u>Ready Too Move too University 45"E" # 2005</u>			
Depth: <u>8100</u> '	Footage: <u>0</u> '	Rotating Hours: <u>0</u>	Cum Rot Hrs: <u>79</u>
Brief Description Of Operations: <u>Laydown Drill Collars & Break Kelly , Laydown Kelly , Rig up Casing Tools and Run 180 Joints of 5 1/2" #17 Casing , Set Shoe at 8094.15" , Circulate Casing , Rig up BJ and Cement Casing with 700sks of Super"H" Bump Plug at 3:30pm 11/7/2011 Nipple Down & Set Slip , Cut off Casing. Jet & Clean Pits , Tear Down , Rig Release at 7:30pm 11/7/2011</u>			
Bump Plug at 3:30pm 11/7/2011 Rig Release at 7:30pm 11/7/2011			
<u>2900</u>	Accumulator Pressure	Online PSI	

Approach Operating, LLC

DAILY WORKOVER/COMPLETION REPORT

Type Wellhead

Days on Completion

1

☐

Initial Report

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Continued Report

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Final Report

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45E-2004	11-857	12/6/2011	8046'	8100'
Present Ops.:	KB	Casing Size, Wt., Gr.	Casing I.D.	Float Shoe @	Top of Cement
PRESSURE TEST	18'	5 1/2" 17# N-80	4.892	8046'	
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
Pump Description	No. 1" Rods	No. 7/8" Rods	No. 3/4" Rods	No. 5/8" Rods	Tbg Anchor Set @

HOURS	OPERATIONS IN SEQUENCE
	MIRU/ SWECO FRAC-VALVE, MIRU/ PUMP TRUCK, TO PRESSURE TEST FRAC-VALVE AND CASING TO
	6,000.00 psi. HELD FOR 15 MIN. TESTED GOOD. RIG DOWN PUMP TRUCK.

[illegible]

DAILY WORKOVER/COMPLETION REPORT

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

Lease	Well No.	AFE No.	Date	PBTD	Drillers TD
UNIVERSITY	45E-2004	11-857	1.2.12	8046'	8100'
Present Ops.:	KB	Casing Size, Wt., Gr.	Casing I.D.	Float Shoe @	Top of Cement
FRAC	18'	5 1/2" 17# N-80	4.892	8046'	2910'
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
7950' TO 7818'					
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 AND FLO CO-2 SERVICES TO FRAC WELL. PRESSURE CASING UP TO 4230-PSI TO
	BREAK FORMATION AT 15-BPM.
	MAX TREATING PRESSURE = 6471-PSI AVG. TREATING PRESSURE = 5144-PSI
	MAX INJECTION RATE = 39-BPM AVG. INJECTION RATE = 39-BPM
	TOTAL ACID INJECTED = 750-GALS OF 10% HCL ACID
	TOTAL FLUID INJECTED = 1271-BBLS
	TOTAL CO-2 = 94,000-TONS 6-TONS COOL DOWN
	TOTAL SAND INJECTED = 88,430-LBS
	I-S-I-P = 2905-PSI 5-MIN = 2745-PSI 10-MIN = 2683-PSI 15-MIN = 3038-PSI
	SHUT WELL IN RIG B-J SERVICES AND FLO CO2 DOWN FROM WELL. LEFT WELL WITH 4-H WELL
	TESTERS TO TEST WELL.
	FINAL REPORT