

Well Details

Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 0
Lease:	Field: Spraberry (Trend Area)	Formation:	
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / -- WI: -- / --

Project Details

Name: University 5-38A 2H - Drilling	Rig Name: Scandrill Discoverer	Type: Drilling
Start: 08/21/2019	End: 09/24/2019	Total Days: 34 Remaining Days: 33

Thursday, August 22, 2019

Daily Cost:	\$80,000.00	Project Cost:	\$80,000.00	Budget:	\$2,552,395.00	Burned:	3.13%
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Present Depth:	0	Daily Footage:	0.00	Hours Drilling:	0.00
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Present Ops Move In/Rig Up

Summary MIRU Scandrill Discoverer rig. 75% rigged up. Spud anticipated 8-24-19.

Time Log

From	To	Dur	Prod	Time Code	Comments

Well Details

Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 0
Lease:	Field: Spraberry (Trend Area)	Formation:	
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / -- WI: -- / --

Project Details

Name: University 5-38A 2H - Drilling	Rig Name: Scandriill Discoverer	Type: Drilling
Start: 08/21/2019	End: 09/24/2019	Total Days: 34 Remaining Days: 31

Saturday, August 24, 2019

Daily Cost:	\$68,099.00	Project Cost:	\$312,499.00	Budget:	\$2,552,395.00	Burned:	12.24%
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Present Depth:	300	Daily Footage:	195.00	Hours Drilling:	4.00
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Present Ops	Drill Surface
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Summary	Finish rigging up. Weld on conductor. Make up BHA #1, scribe and calibrate. Spud at 0200 8-25-19. Drl 105-300'.
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Time Log

From	To	Dur	Prod	Time Code	Comments
06:00	18:00	12:00	Y	Rig Up and Tear Down	
18:00	02:00	08:00	Y	Rig Up and Tear Down	
02:00	06:00	04:00	Y	Drill Rotating	

Well Details				
Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 1	
Lease:	Field: Spraberry (Trend Area)		Formation:	
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / --	WI: -- / --
Project Details				
Name: University 5-38A 2H - Drilling		Rig Name: Scandril Discoverer	Type: Drilling	
Start: 08/21/2019	End: 09/24/2019	Total Days: 34	Remaining Days: 30	

Sunday, August 25, 2019

Daily Cost:	\$38,603.00	Project Cost:	\$351,102.00	Budget:	\$2,552,395.00	Burned:	13.76%
Present Depth:	1,880	Daily Footage:	1,580.00	Hours Drilling:	17.50		
Present Ops	Drill Surface						
Summary	Drdl 300-1880'. Circ & condition mud. TOH 1880-1043'.						

Time Log					
From	To	Dur	Prod	Time Code	Comments
06:00	17:30	11:30	Y	Drill Rotating	
17:30	18:00	00:30	Y	Lubricate and Service Rig	
18:00	19:00	01:00	Y	Drill Rotating	
19:00	20:00	01:00		Other	Clean trash out of mud pumps
20:00	23:30	03:30	Y	Drill Rotating	
23:30	00:30	01:00		Other	Clean out flowline
00:30	01:30	01:00	Y	Drill Rotating	
01:30	02:30	01:00	Y	Condition Mud and Circulate	
02:30	06:00	03:30	Y	Trips	

Well Details				
Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 2	
Lease:	Field: Spraberry (Trend Area)	Formation:		
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / --	WI: -- / --

Project Details			
Name: University 5-38A 2H - Drilling	Rig Name: Scandrill Discoverer	Type: Drilling	
Start: 08/21/2019	End: 09/24/2019	Total Days: 34	Remaining Days: 29

Monday, August 26, 2019

Daily Cost:	\$185,825.00	Project Cost:	\$536,927.00	Budget:	\$2,552,395.00	Burned:	21.04%
Present Depth:	1,880	Daily Footage:	0.00	Hours Drilling:	0.00		

Present Ops	Set & Cement Surface Casing
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Summary	Continue TOH. LD BHA. TIH w/ 46 jts 13 3/8" 54.5# J-55 csg. RU cementers, pmp 20 bbl spacer, 1318 sx 12.8 ppg & 550 sx 14.8 ppg. Drop plug & displace. Bump plug w/ 500 psig. Floats held. Circ 638 sx cmt. RD cementers. Clean pits. Cut off conductor & casing. Weld on 13 3/8 x 13 5/8" 5M SOW. Test to 850 psig. NU BOPs, rotating head, mud cross, spacer spool & BOP adapter.
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Time Log

From	To	Dur	Prod	Time Code	Comments
06:00	08:30	02:30	Y	Trips	
08:30	09:30	01:00		Other	LD BHA
09:30	10:30	01:00		Other	RU cementers.
10:30	16:30	06:00		Other	Run 46 jts jts 13 3/8" 54.5# J-55
16:30	21:00	04:30		Other	Cmt w/ 1318 sx 12.8 ppg & 550 sx 14.8 ppg cmt, circ 638 sx cmt
21:00	04:30	07:30		Other	RD cementers, RU to continue drilling, wels on 13 3/8" x 13 5/8" 5M SOW, tst OK
04:30	06:00	01:30	Y	Nipple Up / Nipple Down BOP	

Well Details				
Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 3	
Lease:	Field: Spraberry (Trend Area)	Formation:		
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / --	WI: -- / --
Project Details				
Name: University 5-38A 2H - Drilling	Rig Name: Scandril Discoverer	Type: Drilling		
Start: 08/21/2019	End: 09/24/2019	Total Days: 34	Remaining Days: 28	

Tuesday, August 27, 2019

Daily Cost:	\$61,660.00	Project Cost:	\$598,587.00	Budget:	\$2,552,395.00	Burned:	23.45%
Present Depth:	2,100	Daily Footage:	220.00	Hours Drilling:	3.50		
Present Ops	Drill Intermediate #1						
Summary	Finish NU BOP's. Test BOP's, 250 psig Low, 2500 psig High. Test annular to 250 Low, 1500 High. Test csg to 1000 psig. RD testers. Install wear bushing. PU BHA #2, scribe & test. TIH, tag at 1785'. Remove trip nipple & install rotating head. Drl cmt & floats 1785-1880'. Rotate drl 1880-2015'. Slide 2035-2050'. Rotate 2050-2100'.						

Time Log					
From	To	Dur	Prod	Time Code	Comments
06:00	20:30	14:30	Y	Nipple Up / Nipple Down BOP	Test 250 Low, 2500 High
20:30	02:30	06:00	Y	Trips	
02:30	05:00	02:30	Y	Drill Rotating	Drl cmt & floats. Drl rotating 1880-2035'
05:00	05:30	00:30	Y	Drill Sliding	2035-2050'
05:30	06:00	00:30	Y	Drill Rotating	2050-2100'

Well Details				
Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 4	
Lease:	Field: Spraberry (Trend Area)	Formation:		
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / --	WI: -- / --
Project Details				
Name: University 5-38A 2H - Drilling	Rig Name: Scandrill Discoverer	Type: Drilling		
Start: 08/21/2019	End: 09/24/2019	Total Days: 34	Remaining Days: 27	

Wednesday, August 28, 2019

Daily Cost:	\$63,599.00	Project Cost:	\$662,186.00	Budget:	\$2,552,395.00	Burned:	25.94%
Present Depth:	3,827	Daily Footage:	1,727.00	Hours Drilling:	23.00		
Present Ops	Drill Intermediate #1						
Summary	Rotate/slide 2100-3069'. Service rig. Rotate/slide 3069-3827'						

Time Log

From	To	Dur	Prod	Time Code	Comments
06:00	06:00	24:00	Y	Drill Rotating	
06:00	07:00	01:00	Y	Drill Sliding	
07:00	07:30	00:30	Y	Drill Rotating	
07:30	08:00	00:30	Y	Drill Sliding	
08:00	09:00	01:00	Y	Drill Rotating	
09:00	09:30	00:30	Y	Drill Sliding	
09:30	11:30	02:00	Y	Drill Rotating	
11:30	12:30	01:00	Y	Drill Sliding	
12:30	13:00	00:30	Y	Drill Rotating	
13:00	13:30	00:30		Other	Install corrosion ring
13:30	16:30	03:00	Y	Drill Rotating	
16:30	17:00	00:30	Y	Lubricate and Service Rig	
17:00	18:00	01:00	Y	Drill Rotating	
18:00	19:00	01:00	Y	Drill Sliding	
19:00	20:30	01:30	Y	Drill Rotating	
20:30	21:00	00:30	Y	Lubricate and Service Rig	
21:00	02:00	05:00	Y	Drill Rotating	
02:00	03:00	01:00	Y	Drill Sliding	
03:00	06:00	03:00	Y	Drill Rotating	

Well Details				
Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 5	
Lease:	Field: Spraberry (Trend Area)	Formation:		
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / --	WI: -- / --
Project Details				
Name: University 5-38A 2H - Drilling	Rig Name: Scandril Discoverer	Type: Drilling		
Start: 08/21/2019	End: 09/24/2019	Total Days: 34	Remaining Days: 26	

Thursday, August 29, 2019

Daily Cost:	\$60,108.00	Project Cost:	\$722,294.00	Budget:	\$2,552,395.00	Burned:	28.30%
Present Depth:	5,240	Daily Footage:	1,413.00	Hours Drilling:	23.50		
Present Ops	Drill Intermediate #1						
Summary	Rotate/slide 3827' to 5240'						

Time Log

From	To	Dur	Prod	Time Code	Comments
06:00	08:00	02:00	Y	Drill Rotating	
08:00	08:30	00:30	Y	Drill Sliding	
08:30	11:30	03:00	Y	Drill Rotating	
11:30	12:00	00:30	Y	Lubricate and Service Rig	
12:00	13:30	01:30	Y	Drill Rotating	
13:30	14:00	00:30	Y	Drill Sliding	
14:00	17:30	03:30	Y	Drill Rotating	
17:30	18:00	00:30	Y	Drill Sliding	
18:00	19:30	01:30	Y	Drill Rotating	
19:30	21:00	01:30	Y	Drill Sliding	
21:00	02:00	05:00	Y	Drill Rotating	
02:00	03:00	01:00	Y	Drill Sliding	
03:00	06:00	03:00	Y	Drill Rotating	

Well Details				
Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 6	
Lease:	Field: Spraberry (Trend Area)		Formation:	
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / --	WI: -- / --

Project Details			
Name: University 5-38A 2H - Drilling		Rig Name: Scandriill Discoverer	Type: Drilling
Start: 08/21/2019	End: 09/24/2019	Total Days: 34	Remaining Days: 25

Friday, August 30, 2019

Daily Cost:	\$50,361.00	Project Cost:	\$772,655.00	Budget:	\$2,552,395.00	Burned:	30.27%
Present Depth:	5,535	Daily Footage:	295.00	Hours Drilling:	4.50		

Present Ops Set & Cement Production Casing

Summary Drl 5240-5535'. Circ & condition mud. TOH & LD BHA & DC. RU Csg crew. Run 9 5/8" 40# HCK BTC. Wash down last two jts. Set down @ 5505', washing down csg.

Time Log

From	To	Dur	Prod	Time Code	Comments
06:00	07:30	01:30	Y	Drill Rotating	
07:30	08:30	01:00	Y	Drill Sliding	
08:30	10:30	02:00	Y	Drill Rotating	
10:30	13:00	02:30	Y	Condition Mud and Circulate	
13:00	17:00	04:00	Y	Trips	
17:00	06:00	13:00	Y	Run Casing and Cement	

Well Details

Name: University 5-38A 2H	API #: 42-3-48038	Operator: Piedra Resources	Days From Spud: 7
Lease:	Field: Spraberry (Trend Area)	Formation:	
County: ANDREWS, TX	MD:	TVD: 9400.00'	NRI: -- / -- WI: -- / --

Project Details

Name: University 5-38A 2H - Drilling	Rig Name: Scandril Discoverer	Type: Drilling
Start: 08/21/2019	End: 09/24/2019	Total Days: 34 Remaining Days: 24

Saturday, August 31, 2019

Daily Cost:	\$274,512.00	Project Cost:	\$1,047,167.00	Budget:	\$2,552,395.00	Burned:	41.03%
Present Depth:	5,535	Daily Footage:	0.00	Hours Drilling:	0.00		

Present Ops

Set & Cement Intermediate #1 Casing

Summary

PU & LD 1 jt 9 5/8" csg. Total csg in hole 131 jts 9 5/8" 40# HCK BTC. Set at 5496'. RD csg crew. RU cementers. Pmp 20 bbl spacer, 481 bbl 11 ppg + 82 bbl 14.5 tail. Drop plg, displace w/ 414 bbls. RD cementers. Install pkr, test to 5000 psig. OK. Prep to walk rig. NO further reports until operations resume.

Time Log

From	To	Dur	Prod	Time Code	Comments
06:00	07:30	01:30	Y	Run Casing and Cement	
07:30	08:00	00:30	Y	Run Casing and Cement	
08:00	09:00	01:00	Y	Run Casing and Cement	
09:00	12:00	03:00	Y	Run Casing and Cement	
12:00	18:00	06:00	Y	Rig Up and Tear Down	Prep to walk rig to #3H