



Partner Completion and Workover

Report # 6.0, Report Date: 12/31/2019

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 187,841	Cum Field Est To Date (Cost) 401,831
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 3-6: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 3-5: with an average rate of 98 BPM and an average treating pressure of 7,471 psi. (NPT-1 Hr.-SLB W/L) (NPT-2 Hr.-SLB FRAC) Standby to frac stage 6 at time of report.

Current Status/OART Standby to frac stage 6	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact JOHN CAHALANE, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	07:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 3 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 436 tbbls pumped. Set plug @ 18,718' md, Perfs 18,478'-18,703'. Pooh, Verified guns fired.
07:45	10:00	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 3: With 2,000 gals 15% hcl, 115,008 lbs 100 mesh sand, and 273,707 lbs 40/70 mesh sand. Avg rate 98 bpm @ 7,517 (psi) pump press. Final 3,720 psi, frac gradient .874 ttr 10,078 bbls.  Note: One diverter drop this stage of 15 pods.
10:00	11:00	1.00	39STIM, Stim & Treat	TR	a	O	NPT-1 Hr.-SLB W/L. Lubricator failed to test. replaced o rings twice before getting a good test.
11:00	12:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 4 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 432 tbbls pumped. Set plug @ 18,464' md, Perfs 18,223'-18,448'. Pooh, Verified guns fired.
12:45	14:30	1.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
14:30	17:00	2.50	39STIM, Stim & Treat	ST	b	O	Frac stage 4: With 2,000 gals 15% hcl, 115,119 lbs 100 mesh sand, and 274,107 lbs 40/70 mesh sand. Avg rate 96 bpm @ 7,592 (psi) pump press. Final 3,353 psi, frac gradient .831 ttr 10,481 bbls.  Note: One diverter drop this stage of 22 pods.



# Partner Completion and Workover

Report # 6.0, Report Date: 12/31/2019

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
17:00	18:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 5 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,700 psi pump pressure, 479 tbbls pumped. Set plug @ 18,208' md, Perfs 17,968'-18,196'. Pooh, Verified guns fired.
18:45	20:30	1.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
20:30	22:30	2.00	39STIM, Stim & Treat	TR	g	O	NPT-2 Hr.-SLB/Frac. changed out inline valve.
22:30	00:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 5: With 2,000 gals 15% hcl, 115,981 lbs 100 mesh sand, and 274,311 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,304 (psi) pump press. Final 4,113 psi, frac gradient .92 tltr 10,447 bbls.  Note: One diverter drop this stage of 25 pods.
00:30	02:45	2.25	39STIM, Stim & Treat	PF	c	O	Stage 6 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 440 tbbls pumped. Set plug @ 17,953' md, Perfs 17,713'-17940'. Pooh, Verified guns fired.
02:45	06:00	3.25	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER



Partner Completion and Workover

Report # 6.0, Report Date: 12/31/2019

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Cement				
Start Time	Des	Type	String	Cement Comp
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		16,264.0	16,264.0	0.0



Partner Completion and Workover

Report # 7.0, Report Date: 1/1/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 85,419	Cum Field Est To Date (Cost) 487,250
-----------------------------------	--	--	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGE 7: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGE 6: with an average rate of 99 BPM and an average treating pressure of 7,454 psi. Standby to frac stage 7 at time of report.

Current Status/OART Standby to frac stage 7	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact JOHN CAHALANE, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	07:00	1.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
07:00	09:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 6: With 2,000 gals 15% hcl, 115,085 lbs 100 mesh sand, and 274,398 lbs 40/70 mesh sand. Avg rate 99 bpm @ 7,454 (psi) pump press. Final 3,857 psi, frac gradient .890 tltr 10,043 bbls.  Note: One diverter drop this stage of 25 pods.
09:00	11:15	2.25	39STIM, Stim & Treat	PF	c	O	Stage 7 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 397 tbbis pumped. Set plug @ 17,698' md, Perfs 17,458'-17,683'. Pooh, Verified guns fired.
11:15	06:00	18.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks

Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Trip Drill	



Partner Completion and Workover

Report # 7.0, Report Date: 1/1/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)					
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)	

Other in Hole Pulled (Bridge Plugs, etc)					
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)	

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		16,264.0	16,264.0	0.0

--	--	--	--	--



Partner Completion and Workover

Report # 7.0, Report Date: 1/1/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 85,419	Cum Field Est To Date (Cost) 487,250
-----------------------------------	--	--	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGE 7: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGE 6: with an average rate of 99 BPM and an average treating pressure of 7,454 psi. Standby to frac stage 7 at time of report.

Current Status/OART Standby to frac stage 7	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact JOHN CAHALANE, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	07:00	1.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
07:00	09:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 6: With 2,000 gals 15% hcl, 115,085 lbs 100 mesh sand, and 274,398 lbs 40/70 mesh sand. Avg rate 99 bpm @ 7,454 (psi) pump press. Final 3,857 psi, frac gradient .890 tltr 10,043 bbls.  Note: One diverter drop this stage of 25 pods.
09:00	11:15	2.25	39STIM, Stim & Treat	PF	c	O	Stage 7 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 397 tbbis pumped. Set plug @ 17,698' md, Perfs 17,458'-17,683'. Pooh, Verified guns fired.
11:15	06:00	18.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks

Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	



Partner Completion and Workover

Report # 7.0, Report Date: 1/1/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		22,132.0	22,132.0	0.0



# Partner Completion and Workover

Report # 8.0, Report Date: 1/2/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 190,978	Cum Field Est To Date (Cost) 678,228
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 8-10: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 7-9: with an average rate of 100 BPM and an average treating pressure of 7,270 psi. Standby to frac stage 10 at time of report.

Current Status/OART Standby to frac stage 10	24 Hour Forecast 24 hr frac ops
---	------------------------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	06:30	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
06:30	08:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 7: With 2,000 gals 15% hcl, 114,923 lbs 100 mesh sand, and 273,938 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,156 (psi) pump press. Final 3,754 psi, frac gradient .87 tlr 9,919 bbls.  Note: One diverter drop this stage of 27 pods.
08:30	10:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 8 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 330 tbbis pumped. Set plug @ 17,445' md, Perfs 17,203'-17,430'. Pooh, Verified guns fired.
10:30	13:30	3.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
13:30	15:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 8: With 2,000 gals 15% hcl, 114,751 lbs 100 mesh sand, and 273,891 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,450 (psi) pump press. Final 3,646 psi, frac gradient .87 tlr 9,968 bbls.  Note: One diverter drop this stage of 30 pods.
15:30	17:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 9 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 334 tbbis pumped. Set plug @ 17,188' md, Perfs 16,948'-17,175'. Pooh, Verified guns fired.
17:30	22:30	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 8.0, Report Date: 1/2/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
22:30	00:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 9: With 2,000 gals 15% hcl, 115,928 lbs 100 mesh sand, and 274,592 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,203 (psi) pump press. Final 3,604 psi, frac gradient .86 tltr 10,456 bbls.  Note: One diverter drop this stage of 30 pods.
00:30	02:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 10 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,100 psi pump pressure, 334 tbbls pumped. Set plug @ 16,933' md, Perfs 16,693'-16,920'. Pooh, Verified guns fired.
02:00	06:00	4.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER



Partner Completion and Workover

Report # 8.0, Report Date: 1/2/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		22,132.0	22,132.0	0.0



# Partner Completion and Workover

Report # 8.0, Report Date: 1/2/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 190,978	Cum Field Est To Date (Cost) 678,228
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 8-10: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 7-9: with an average rate of 100 BPM and an average treating pressure of 7,270 psi. Standby to frac stage 10 at time of report.

Current Status/OART Standby to frac stage 10	24 Hour Forecast 24 hr frac ops
---	------------------------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	06:30	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
06:30	08:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 7: With 2,000 gals 15% hcl, 114,923 lbs 100 mesh sand, and 273,938 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,156 (psi) pump press. Final 3,754 psi, frac gradient .87 tlr 9,919 bbls.  Note: One diverter drop this stage of 27 pods.
08:30	10:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 8 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 330 tbbls pumped. Set plug @ 17,445' md, Perfs 17,203'-17,430'. Pooh, Verified guns fired.
10:30	13:30	3.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
13:30	15:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 8: With 2,000 gals 15% hcl, 114,751 lbs 100 mesh sand, and 273,891 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,450 (psi) pump press. Final 3,646 psi, frac gradient .87 tlr 9,968 bbls.  Note: One diverter drop this stage of 30 pods.
15:30	17:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 9 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 334 tbbls pumped. Set plug @ 17,188' md, Perfs 16,948'-17,175'. Pooh, Verified guns fired.
17:30	22:30	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 8.0, Report Date: 1/2/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
22:30	00:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 9: With 2,000 gals 15% hcl, 115,928 lbs 100 mesh sand, and 274,592 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,203 (psi) pump press. Final 3,604 psi, frac gradient .86 tltr 10,456 bbls.  Note: One diverter drop this stage of 30 pods.
00:30	02:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 10 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,100 psi pump pressure, 334 tbbbls pumped. Set plug @ 16,933' md, Perfs 16,693'-16,920'. Pooh, Verified guns fired.
02:00	06:00	4.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER



Partner Completion and Workover

Report # 8.0, Report Date: 1/2/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Cement				
Start Time	Des	Type	String	Cement Comp
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		24,566.0	24,566.0	0.0

--	--	--	--	--



Partner Completion and Workover

Report # 9.0, Report Date: 1/3/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 182,466	Cum Field Est To Date (Cost) 860,694
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 11-13: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 10-12: with an average rate of 100 BPM and an average treating pressure of 7,239 psi. Standby to frac stage 13 at time of report. (NPT-0.75 Hrs.-Cameron)

Current Status/OART Standby to frac stage 13	24 Hour Forecast 24 hr frac ops
---	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	06:30	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
06:30	08:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 10: With 2,000 gals 15% hcl, 114,944 lbs 100 mesh sand, and 273,748 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,117 (psi) pump press. Final 3,791 psi, frac gradient .88 tltr 9,856 bbls. Note: One diverter drop this stage of 30 pods.
08:30	10:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 11 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 344 tbbls pumped. Set plug @ 16,678' md, Perfs 16,438'-16,665'. Pooh, Verified guns fired.
10:30	14:30	4.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
14:30	16:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 11: With 2,000 gals 15% hcl, 115,080 lbs 100 mesh sand, and 273,766 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,303 (psi) pump press. Final 4,055 psi, frac gradient .91 tltr 10,073 bbls. Note: One diverter drop this stage of 30 pods.
16:30	18:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 12 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 296 tbbls pumped. Set plug @ 16,423' md, Perfs 16,183'-16,410'. Pooh, Verified guns fired.
18:30	23:45	5.25	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 9.0, Report Date: 1/3/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
23:45	00:30	0.75	39STIM, Stim & Treat	TR	t	O	NPT-0.75 Hrs.-Cameron. Slow greasing due to cold weather.
00:30	02:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 12: With 2,000 gals 15% hcl, 114,918 lbs 100 mesh sand, and 274,954 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,297 (psi) pump press. Final 3,578 psi, frac gradient .857 tltr 9,950 bbls.  Note: One diverter drop this stage of 30 pods.
02:30	04:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 13 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 345 tbbls pumped. Set plug @ 16,168' md, Perfs 15,928'-16,155'. Pooh, Verified guns fired.
04:00	06:00	2.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)



Partner Completion and Workover

Report # 9.0, Report Date: 1/3/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		24,566.0	24,566.0	0.0



# Partner Completion and Workover

Report # 9.0, Report Date: 1/3/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 182,466	Cum Field Est To Date (Cost) 860,694
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 11-13: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 10-12: with an average rate of 100 BPM and an average treating pressure of 7,239 psi. Standby to frac stage 13 at time of report. (NPT-0.75 Hrs.-Cameron)

Current Status/OART Standby to frac stage 13	24 Hour Forecast 24 hr frac ops
---	------------------------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	06:30	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
06:30	08:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 10: With 2,000 gals 15% hcl, 114,944 lbs 100 mesh sand, and 273,748 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,117 (psi) pump press. Final 3,791 psi, frac gradient .88 tltr 9,856 bbls.  Note: One diverter drop this stage of 30 pods.
08:30	10:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 11 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 344 tbbis pumped. Set plug @ 16,678' md, Perfs 16,438'-16,665'. Pooh, Verified guns fired.
10:30	14:30	4.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
14:30	16:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 11: With 2,000 gals 15% hcl, 115,080 lbs 100 mesh sand, and 273,766 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,303 (psi) pump press. Final 4,055 psi, frac gradient .91 tltr 10,073 bbls.  Note: One diverter drop this stage of 30 pods.
16:30	18:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 12 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,600 psi pump pressure, 296 tbbis pumped. Set plug @ 16,423' md, Perfs 16,183'-16,410'. Pooh, Verified guns fired.
18:30	23:45	5.25	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 9.0, Report Date: 1/3/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51: GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
23:45	00:30	0.75	39STIM, Stim & Treat	TR	t	O	NPT-0.75 Hrs.-Cameron. Slow greasing due to cold weather.
00:30	02:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 12: With 2,000 gals 15% hcl, 114,918 lbs 100 mesh sand, and 274,954 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,297 (psi) pump press. Final 3,578 psi, frac gradient .857 tltr 9,950 bbls.  Note: One diverter drop this stage of 30 pods.
02:30	04:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 13 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 345 tbbbls pumped. Set plug @ 16,168' md, Perfs 15,928'-16,155'. Pooh, Verified guns fired.
04:00	06:00	2.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)



Partner Completion and Workover

Report # 9.0, Report Date: 1/3/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		31,793.0	31,793.0	0.0

--	--	--	--	--



Partner Completion and Workover

Report # 10.0, Report Date: 1/4/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 196,975	Cum Field Est To Date (Cost) 1,057,669
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 14-16: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 13-15: with an average rate of 99 BPM and an average treating pressure of 7,599 psi. Standby to frac stage 16 at time of report.

Current Status/OART Standby to frac stage 16	24 Hour Forecast 24 hr frac ops
---	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	08:30	2.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
08:30	10:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 13: With 2,000 gals 15% hcl, 115,158 lbs 100 mesh sand, and 274,094 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,358 (psi) pump press. Final 3,691 psi, frac gradient .87 tltr 9,857 bbls.  Note: One diverter drop this stage of 30 pods.
10:30	12:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 14 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,000 psi pump pressure, 282 tbbls pumped. Set plug @ 15,913' md, Perfs 15,673'-15,900'. Pooh, Verified guns fired.
12:30	16:00	3.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
16:00	18:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 14: With 2,000 gals 15% hcl, 115,065 lbs 100 mesh sand, and 273,839 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,808 (psi) pump press. Final 4,113 psi, frac gradient .92 tltr 10,029 bbls.  Note: One diverter drop this stage of 30 pods.
18:00	19:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 15 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,700 psi pump pressure, 283 tbbls pumped. Set plug @ 15,658' md, Perfs 15,420'-15,647'. Pooh, Verified guns fired.
19:45	00:45	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 10.0, Report Date: 1/4/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
00:45	03:00	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 15: With 2,000 gals 15% hcl, 115,919 lbs 100 mesh sand, and 274,229 lbs 40/70 mesh sand. Avg rate 98 bpm @ 7,631 (psi) pump press. Final 3,621 psi, frac gradient .862 tlr 10,035 bbls.  Note: One diverter drop this stage of 5 pods.
03:00	04:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 16 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,300 psi pump pressure, 270 tbbbls pumped. Set plug @ 15,403' md, Perfs 15,163'-15,390'. Pooh, Verified guns fired.
04:30	06:00	1.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)



Partner Completion and Workover

Report # 10.0, Report Date: 1/4/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		31,793.0	31,793.0	0.0



# Partner Completion and Workover

Report # 10.0, Report Date: 1/4/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 196,975	Cum Field Est To Date (Cost) 1,057,669
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 14-16: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 13-15: with an average rate of 99 BPM and an average treating pressure of 7,599 psi. Standby to frac stage 16 at time of report.

Current Status/OART Standby to frac stage 16	24 Hour Forecast 24 hr frac ops
---	------------------------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	08:30	2.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
08:30	10:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 13: With 2,000 gals 15% hcl, 115,158 lbs 100 mesh sand, and 274,094 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,358 (psi) pump press. Final 3,691 psi, frac gradient .87 tltr 9,857 bbls.  Note: One diverter drop this stage of 30 pods.
10:30	12:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 14 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,000 psi pump pressure, 282 tbbls pumped. Set plug @ 15,913' md, Perfs 15,673'-15,900'. Pooh, Verified guns fired.
12:30	16:00	3.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
16:00	18:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 14: With 2,000 gals 15% hcl, 115,065 lbs 100 mesh sand, and 273,839 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,808 (psi) pump press. Final 4,113 psi, frac gradient .92 tltr 10,029 bbls.  Note: One diverter drop this stage of 30 pods.
18:00	19:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 15 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,700 psi pump pressure, 283 tbbls pumped. Set plug @ 15,658' md, Perfs 15,420'-15,647'. Pooh, Verified guns fired.
19:45	00:45	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 10.0, Report Date: 1/4/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
00:45	03:00	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 15: With 2,000 gals 15% hcl, 115,919 lbs 100 mesh sand, and 274,229 lbs 40/70 mesh sand. Avg rate 98 bpm @ 7,631 (psi) pump press. Final 3,621 psi, frac gradient .862 tlr 10,035 bbls.  Note: One diverter drop this stage of 5 pods.
03:00	04:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 16 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,300 psi pump pressure, 270 tbbbls pumped. Set plug @ 15,403' md, Perfs 15,163'-15,390'. Pooh, Verified guns fired.
04:30	06:00	1.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)



Partner Completion and Workover

Report # 10.0, Report Date: 1/4/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		39,082.0	39,082.0	0.0



# Partner Completion and Workover

Report # 11.0, Report Date: 1/5/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 195,069	Cum Field Est To Date (Cost) 1,252,738
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 17-19: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 16-18: with an average rate of 100 BPM and an average treating pressure of 7,322 psi. Standby to frac stage 19 at time of report.

Current Status/OART Standby to frac stage 19	24 Hour Forecast
---	------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:00	3.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:00	11:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 16: With 2,000 gals 15% hcl, 115,232 lbs 100 mesh sand, and 273,903 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,269 (psi) pump press. Final 3,301 psi, frac gradient .825 tltr 9,848 bbls.  Note: One diverter drop this stage of 20 pods.
11:00	13:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 17 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 243 tbbis pumped. Set plug @ 15,144' md, Perfs 14,908'-15,133'. Pooh, Verified guns fired.
13:00	16:45	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
16:45	19:00	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 17: With 2,000 gals 15% hcl, 115,257 lbs 100 mesh sand, and 274,933 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,211 (psi) pump press. Final 3,364 psi, frac gradient .832 tltr 9,842 bbls.  Note: One diverter drop this stage of 20 pods.
19:00	20:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 18 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,000 psi pump pressure, 238 tbbis pumped. Set plug @ 14,893' md, Perfs 14,656'-14,877'. Pooh, Verified guns fired.
20:30	01:30	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 11.0, Report Date: 1/5/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
01:30	03:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 18: With 2,000 gals 15% hcl, 115,951 lbs 100 mesh sand, and 274,972 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,485 (psi) pump press. Final 3,578 psi, frac gradient .857 tltr 9,844 bbls.  Note: One diverter drop this stage of 20 pods.
03:30	05:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 19 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,200 psi pump pressure, 234 tbbbls pumped. Set plug @ 14,638' md, Perfs 14,398'-14,625'. Pooh, Verified guns fired.
05:00	06:00	1.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)



Partner Completion and Workover

Report # 11.0, Report Date: 1/5/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		39,082.0	39,082.0	0.0



# Partner Completion and Workover

Report # 11.0, Report Date: 1/5/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 195,069	Cum Field Est To Date (Cost) 1,252,738
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 17-19: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 16-18: with an average rate of 100 BPM and an average treating pressure of 7,322 psi. Standby to frac stage 19 at time of report.

Current Status/OART Standby to frac stage 19	24 Hour Forecast 24 hr frac ops
---	------------------------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:00	3.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:00	11:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 16: With 2,000 gals 15% hcl, 115,232 lbs 100 mesh sand, and 273,903 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,269 (psi) pump press. Final 3,301 psi, frac gradient .825 tltr 9,848 bbls.  Note: One diverter drop this stage of 20 pods.
11:00	13:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 17 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 243 tbbis pumped. Set plug @ 15,144' md, Perfs 14,908'-15,133'. Pooh, Verified guns fired.
13:00	16:45	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
16:45	19:00	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 17: With 2,000 gals 15% hcl, 115,257 lbs 100 mesh sand, and 274,933 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,211 (psi) pump press. Final 3,364 psi, frac gradient .832 tltr 9,842 bbls.  Note: One diverter drop this stage of 20 pods.
19:00	20:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 18 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,000 psi pump pressure, 238 tbbis pumped. Set plug @ 14,893' md, Perfs 14,656'-14,877'. Pooh, Verified guns fired.
20:30	01:30	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



### Partner Completion and Workover

Report # 11.0, Report Date: 1/5/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
01:30	03:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 18: With 2,000 gals 15% hcl, 115,951 lbs 100 mesh sand, and 274,972 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,485 (psi) pump press. Final 3,578 psi, frac gradient .857 tltr 9,844 bbls.  Note: One diverter drop this stage of 20 pods.
03:30	05:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 19 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,200 psi pump pressure, 234 tbbbls pumped. Set plug @ 14,638' md, Perfs 14,398'-14,625'. Pooh, Verified guns fired.
05:00	06:00	1.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade



Partner Completion and Workover

Report # 11.0, Report Date: 1/5/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		43,950.0	43,950.0	0.0

--	--	--	--	--



Partner Completion and Workover

Report # 12.0, Report Date: 1/6/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 137,475	Cum Field Est To Date (Cost) 1,390,213
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 20-21: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 19-20: with an average rate of 99 BPM and an average treating pressure of 7,381 psi. Frac stage 21 at time of report.

Current Status/OART Frac stage 21	24 Hour Forecast 24 hr frac ops
--------------------------------------	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact <contactname>, <title>	Title	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:45	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:45	11:45	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 19: With 2,000 gals 15% hcl, 114,712 lbs 100 mesh sand, and 267,436 lbs 40/70 mesh sand. Avg rate 99 bpm @ 7,485 (psi) pump press. Final 3,736 psi, frac gradient .88 tltr 9,701 bbls.  Note: One diverter drop this stage of 25 pods.
11:45	13:45	2.00	39STIM, Stim & Treat	PF	c	O	Stage 20 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 235 tbbbls pumped. Set plug @ 14,388' md, Perfs 14,143'-14,368'. Pooh, Verified guns fired.
13:45	21:30	7.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
21:30	23:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 20: With 2,000 gals 15% hcl, 115,595 lbs 100 mesh sand, and 274,353 lbs 40/70 mesh sand. Avg rate 99 bpm @ 7,277 (psi) pump press. Final 3,958 psi, frac gradient .902 tltr 9,837 bbls.  Note: One diverter drop this stage of 25 pods.
23:30	01:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 21 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 253 tbbbls pumped. Set plug @ 14,128' md, Perfs 13,890'-14,118'. Pooh, Verified guns fired.
01:00	05:45	4.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 12.0, Report Date: 1/6/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
05:45	06:00	0.25	39STIM, Stim & Treat	ST	b	O	Frac stage 21 at time of report.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations					
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone	
00:30	13,890.0	14,118.0			
13:00	14,143.0	14,368.0			
04:15	14,398.0	14,625.0			
07:45	14,656.0	14,877.0			
12:55	14,908.0	15,133.0			
03:30	15,163.0	15,390.0			
19:00	15,420.0	15,647.0			
12:30	15,673.0	15,900.0			
03:15	15,928.0	16,155.0			
18:30	16,183.0	16,410.0			
10:30	16,438.0	16,665.0			
01:15	16,693.0	16,920.0			
17:30	16,948.0	17,175.0			
10:30	17,203.0	17,430.0			
10:30	17,458.0	17,683.0			
01:30	17,713.0	17,940.0			
18:15	17,968.0	18,196.0			
11:30	18,223.0	18,448.0			
07:30	18,478.0	18,703.0			
02:00	18,734.0	18,960.0			
23:45	18,988.0	19,190.0			

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER



Partner Completion and Workover

Report # 12.0, Report Date: 1/6/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Cement				
Start Time	Des	Type	String	Cement Comp
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		43,950.0	43,950.0	0.0

--	--	--	--	--



Partner Completion and Workover

Report # 12.0, Report Date: 1/6/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 137,475	Cum Field Est To Date (Cost) 1,390,213
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 20-21: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 19-20: with an average rate of 99 BPM and an average treating pressure of 7,381 psi. Frac stage 21 at time of report.

Current Status/OART Frac stage 21	24 Hour Forecast 24 hr frac ops
--------------------------------------	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact <contactname>, <title>	Title	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:45	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:45	11:45	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 19: With 2,000 gals 15% hcl, 114,712 lbs 100 mesh sand, and 267,436 lbs 40/70 mesh sand. Avg rate 99 bpm @ 7,485 (psi) pump press. Final 3,736 psi, frac gradient .88 tltr 9,701 bbls.  Note: One diverter drop this stage of 25 pods.
11:45	13:45	2.00	39STIM, Stim & Treat	PF	c	O	Stage 20 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 235 tbbbls pumped. Set plug @ 14,388' md, Perfs 14,143'-14,368'. Pooh, Verified guns fired.
13:45	21:30	7.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
21:30	23:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 20: With 2,000 gals 15% hcl, 115,595 lbs 100 mesh sand, and 274,353 lbs 40/70 mesh sand. Avg rate 99 bpm @ 7,277 (psi) pump press. Final 3,958 psi, frac gradient .902 tltr 9,837 bbls.  Note: One diverter drop this stage of 25 pods.
23:30	01:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 21 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 253 tbbbls pumped. Set plug @ 14,128' md, Perfs 13,890'-14,118'. Pooh, Verified guns fired.
01:00	05:45	4.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 12.0, Report Date: 1/6/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
05:45	06:00	0.25	39STIM, Stim & Treat	ST	b	O	Frac stage 21 at time of report.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)



Partner Completion and Workover

Report # 12.0, Report Date: 1/6/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		51,315.0	51,315.0	0.0



# Partner Completion and Workover

Report # 13.0, Report Date: 1/7/2020

## Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 194,805	Cum Field Est To Date (Cost) 1,585,018
-----------------------------------	--	---	---

### Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 22-24: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 21-23: with an average rate of 100 BPM and an average treating pressure of 7,029 psi. Standby to frac stage 24 at time of report.(NPT-1.25 Hrs.-SLB/Frac)

Current Status/OART Standby to frac stage 24	24 Hour Forecast
---	------------------

### Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact <contactname>, <title>	Title	Phone Mobile

### Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

### Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	08:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 21: With 2,000 gals 15% hcl, 115,064 lbs 100 mesh sand, and 273,853 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,315 (psi) pump press. Final 3,992 psi, frac gradient .91 tlr 9,574 bbls.  Note: One diverter drop this stage of 25 pods.
08:00	10:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 22 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,300 psi pump pressure, 195 tbbls pumped. Set plug @ 13,873' md, Perfs 13,633'-13,858'. Pooh, Verified guns fired.
10:00	14:30	4.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
14:30	15:45	1.25	39STIM, Stim & Treat	TR	g	O	NPT-1.25 Hrs.-SLB/Frac. Pump Maintenance.
15:45	17:45	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 22: With 2,000 gals 15% hcl, 114,835 lbs 100 mesh sand, and 273,671 lbs 40/70 mesh sand. Avg rate 100 bpm @ 6,895 (psi) pump press. Final 4,462 psi, frac gradient .961 tlr 9,562. bbls.  Note: One diverter drop this stage of 25 pods.
17:45	19:15	1.50	39STIM, Stim & Treat	PF	c	O	Stage 23 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 205 tbbls pumped. Set plug @ 13,618' md, Perfs 13,378'-13,605'. Pooh, Verified guns fired.
19:15	23:00	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 13.0, Report Date: 1/7/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
23:00	01:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 23: With 2,000 gals 15% hcl, 115,207 lbs 100 mesh sand, and 274,984 lbs 40/70 mesh sand. Avg rate 100 bpm @ 6,876 (psi) pump press. Final 4,007 psi, frac gradient .908 tltr 9,900. bbls.  Note: One diverter drop this stage of 25 pods.
01:00	02:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 24 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 226 tbbbls pumped. Set plug @ 13,363' md, Perfs 13,123'-13,350'. Pooh, Verified guns fired.
02:45	06:00	3.25	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade



Partner Completion and Workover

Report # 13.0, Report Date: 1/7/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		51,315.0	51,315.0	0.0

--	--	--	--	--



Partner Completion and Workover

Report # 13.0, Report Date: 1/7/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 194,805	Cum Field Est To Date (Cost) 1,585,018
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 22-24: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 21-23: with an average rate of 100 BPM and an average treating pressure of 7,029 psi. Standby to frac stage 24 at time of report.(NPT-1.25 Hrs.-SLB/Frac)

Current Status/OART Standby to frac stage 24	24 Hour Forecast 24 hr frac ops
---	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact <contactname>, <title>	Title	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	08:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 21: With 2,000 gals 15% hcl, 115,064 lbs 100 mesh sand, and 273,853 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,315 (psi) pump press. Final 3,992 psi, frac gradient .91 tlr 9,574 bbls.  Note: One diverter drop this stage of 25 pods.
08:00	10:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 22 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,300 psi pump pressure, 195 tbbls pumped. Set plug @ 13,873' md, Perfs 13,633'-13,858'. Pooh, Verified guns fired.
10:00	14:30	4.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
14:30	15:45	1.25	39STIM, Stim & Treat	TR	g	O	NPT-1.25 Hrs.-SLB/Frac. Pump Maintenance.
15:45	17:45	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 22: With 2,000 gals 15% hcl, 114,835 lbs 100 mesh sand, and 273,671 lbs 40/70 mesh sand. Avg rate 100 bpm @ 6,895 (psi) pump press. Final 4,462 psi, frac gradient .961 tlr 9,562. bbls.  Note: One diverter drop this stage of 25 pods.
17:45	19:15	1.50	39STIM, Stim & Treat	PF	c	O	Stage 23 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 205 tbbls pumped. Set plug @ 13,618' md, Perfs 13,378'-13,605'. Pooh, Verified guns fired.
19:15	23:00	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.



Partner Completion and Workover

Report # 13.0, Report Date: 1/7/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
23:00	01:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 23: With 2,000 gals 15% hcl, 115,207 lbs 100 mesh sand, and 274,984 lbs 40/70 mesh sand. Avg rate 100 bpm @ 6,876 (psi) pump press. Final 4,007 psi, frac gradient .908 tltr 9,900. bbls.  Note: One diverter drop this stage of 25 pods.
01:00	02:45	1.75	39STIM, Stim & Treat	PF	c	O	Stage 24 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 226 tbbbls pumped. Set plug @ 13,363' md, Perfs 13,123'-13,350'. Pooh, Verified guns fired.
02:45	06:00	3.25	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
03:30	12,358.0	12,585.0		
19:30	12,613.0	12,840.0		
11:20	12,868.0	13,093.0		
15:00	13,123.0	13,348.0		
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)



Partner Completion and Workover

Report # 13.0, Report Date: 1/7/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		58,338.0	58,338.0	0.0



Partner Completion and Workover

Report # 14.0, Report Date: 1/8/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 194,327	Cum Field Est To Date (Cost) 1,779,345
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 25-27: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 24-26: with an average rate of 98 BPM and an average treating pressure of 7,400 psi. Standing by to frac stage 27 at time of report.

Current Status/OART Stdbdy to frac stage 27	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact STANLEY JACKS, Consultant	Title Consultant	Phone Mobile
Job Contact WILL COKER, Completions Consultant	Title Completions Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	08:00	2.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
08:00	10:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 24: With 2,000 gals 15% hcl, 115,082 lbs 100 mesh sand, and 274,353 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,341 (psi) pump press. Final 4,338 psi, frac gradient .95 tltr 9,747. bbls.  Note: One diverter drop this stage of 25 pods.
10:00	12:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 25 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 170 tbbbls pumped. Set plug @ 13,108' md, Perfs 12,868'-13,093'. Pooh, Verified guns fired.
12:00	17:00	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
17:00	19:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 25: With 2,000 gals 15% hcl, 115,241 lbs 100 mesh sand, and 274,888 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,339 (psi) pump press. Final 4,133 psi, frac gradient .923 tltr 9,823. bbls.  Note: One diverter drop this stage of 25 pods.
19:00	20:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 26 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 5,000 psi pump pressure, 186 tbbbls pumped. Set plug @ 12,853' md, Perfs 12,613'-12,840'. Pooh, Verified guns fired.



Partner Completion and Workover

Report # 14.0, Report Date: 1/8/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
20:30	00:15	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
00:15	02:30	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 26: With 2,000 gals 15% hcl, 115,018 lbs 100 mesh sand, and 274,541 lbs 40/70 mesh sand. Avg rate 94 bpm @ 7,519 (psi) pump press. Final 3,784 psi, frac gradient .882 tlr 10,240. bbls.  Note: One diverter drop this stage of 25 pods.
02:30	04:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 27 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 170 tbbbs pumped. Set plug @ 12,598' md, Perfs 12,358'-12,585'. Pooh, Verified guns fired.
04:00	06:00	2.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations					
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone	
03:30	12,358.0	12,585.0			
19:30	12,613.0	12,840.0			
11:20	12,868.0	13,093.0			
15:00	13,123.0	13,348.0			
18:30	13,378.0	13,605.0			
09:30	13,633.0	13,873.0			
00:30	13,890.0	14,118.0			
13:00	14,143.0	14,368.0			
04:15	14,398.0	14,625.0			
07:45	14,656.0	14,877.0			
12:55	14,908.0	15,133.0			
03:30	15,163.0	15,390.0			
19:00	15,420.0	15,647.0			
12:30	15,673.0	15,900.0			
03:15	15,928.0	16,155.0			
18:30	16,183.0	16,410.0			
10:30	16,438.0	16,665.0			
01:15	16,693.0	16,920.0			
17:30	16,948.0	17,175.0			
10:30	17,203.0	17,430.0			
10:30	17,458.0	17,683.0			
01:30	17,713.0	17,940.0			
18:15	17,968.0	18,196.0			
11:30	18,223.0	18,448.0			
07:30	18,478.0	18,703.0			
02:00	18,734.0	18,960.0			
23:45	18,988.0	19,190.0			

Stimulations Summary		
Type	Subtype	Stim/Treat Company

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)



Partner Completion and Workover

Report # 14.0, Report Date: 1/8/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)				
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)				
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		58,338.0	58,338.0	0.0



Partner Completion and Workover

Report # 14.0, Report Date: 1/8/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 192,577	Cum Field Est To Date (Cost) 1,777,595
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 25-27: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 24-26: with an average rate of 98 BPM and an average treating pressure of 7,400 psi. Standing by to frac stage 27 at time of report.

Current Status/OART Stdbby to frac stage 27	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact DANIEL DELANCY, Consultant	Title Consultant	Phone Mobile
Job Contact STANLEY JACKS, Consultant	Title Consultant	Phone Mobile
Job Contact WILL COKER, Completions Consultant	Title Completions Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	08:00	2.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
08:00	10:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 24: With 2,000 gals 15% hcl, 115,082 lbs 100 mesh sand, and 274,353 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,341 (psi) pump press. Final 4,338 psi, frac gradient .95 tltr 9,747. bbls.  Note: One diverter drop this stage of 25 pods.
10:00	12:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 25 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 170 tbbls pumped. Set plug @ 13,108' md, Perfs 12,868'-13,093'. Pooh, Verified guns fired.
12:00	17:00	5.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
17:00	19:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 25: With 2,000 gals 15% hcl, 115,241 lbs 100 mesh sand, and 274,888 lbs 40/70 mesh sand. Avg rate 100 bpm @ 7,339 (psi) pump press. Final 4,133 psi, frac gradient .923 tltr 9,823. bbls.  Note: One diverter drop this stage of 25 pods.
19:00	20:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 26 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 5,000 psi pump pressure, 186 tbbls pumped. Set plug @ 12,853' md, Perfs 12,613'-12,840'. Pooh, Verified guns fired.



Partner Completion and Workover

Report # 14.0, Report Date: 1/8/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
20:30	00:15	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
00:15	02:30	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 26: With 2,000 gals 15% hcl, 115,018 lbs 100 mesh sand, and 274,541 lbs 40/70 mesh sand. Avg rate 94 bpm @ 7,519 (psi) pump press. Final 3,784 psi, frac gradient .882 tlr 10,240. bbls.  Note: One diverter drop this stage of 25 pods.
02:30	04:00	1.50	39STIM, Stim & Treat	PF	c	O	Stage 27 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 170 tbbbls pumped. Set plug @ 12,598' md, Perfs 12,358'-12,585'. Pooh, Verified guns fired.
04:00	06:00	2.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
04:21	11,593.0	11,820.0		
20:44	11,848.0	12,075.0		
12:00	12,100.0	12,328.0		
03:30	12,358.0	12,585.0		
19:30	12,613.0	12,840.0		
11:20	12,868.0	13,093.0		
15:00	13,123.0	13,348.0		
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company



Partner Completion and Workover

Report # 14.0, Report Date: 1/8/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)					
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)	

Other in Hole Pulled (Bridge Plugs, etc)					
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)	

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		63,838.0	63,838.0	0.0



Partner Completion and Workover

Report # 15.0, Report Date: 1/9/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 179,197	Cum Field Est To Date (Cost) 1,956,792
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 28-30: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 27-29: with an average rate of 99 BPM and an average treating pressure of 7,200 psi. Standby frac stage 30 at time of report.

Current Status/OART Standby frac stage 30	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact CHANCE MENASCO, Consultant	Title Consultant	Phone Mobile
Job Contact WILL COKER, Completions Consultant	Title Completions Consultant	Phone Mobile
Job Contact JAKE RAY, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:00	3.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:00	11:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 27: with 2,000 gals 15% hcl 115,090 lbs 100 mesh sand, and 273,687 lbs. 40/70 mesh sand. avg rate 100 bpm @ 7,159 (psi) pump pressure. Final 3,114 psi, frac gradient .898 tltr 10,098 bbls.  Note: One diverter drop this stage of 25 pods.
11:00	12:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 28 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 135 tbbbls pumped. Set plug @ 12,343' md, Perfs 12,100'-12,328'. Pooh, Verified guns fired.
12:30	18:00	5.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
18:00	20:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 28: with 2000 gals 15% hcl 115,973 lbs 100 mesh sand, and 274,373 lbs. 40/70 mesh sand. avg rate 100 bpm @ 6,752 (psi) pump pressure. Final 3,521 psi, frac gradient .851 tltr 10,060 bbls.  Note: One diverter drop this stage of 25 pods.
20:00	22:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 29 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 178 tbbbls pumped. Set plug @ 12,088' md, Perfs 11,848'-12,075'. Pooh, Verified guns fired.



Partner Completion and Workover

Report # 15.0, Report Date: 1/9/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
22:00	01:30	3.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
01:30	03:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 29: with 2000 gals 15% hcl 115,101 lbs 100 mesh sand, and 257,018 lbs. 40/70 mesh sand. avg rate 99 bpm @ 7,278 (psi) pump pressure. Final 3,353 psi, frac gradient .831 tltr 9,906 bbls.  Note: One diverter drop this stage of 25 pods.
03:30	05:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 30 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 3,800 psi pump pressure, 159 tbbls pumped. Set plug @ 11,833' md, Perfs 11,593'-11,820'. Pooh, Verified guns fired.
05:30	06:00	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
04:21	11,593.0	11,820.0		
20:44	11,848.0	12,075.0		
12:00	12,100.0	12,328.0		
03:30	12,358.0	12,585.0		
19:30	12,613.0	12,840.0		
11:20	12,868.0	13,093.0		
15:00	13,123.0	13,348.0		
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		

Stimulations Summary		
Type	Subtype	Stim/Treat Company



Partner Completion and Workover

Report # 15.0, Report Date: 1/9/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Stimulation Intervals			
Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run					
Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled					
Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)					
Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)	

Other in Hole Pulled (Bridge Plugs, etc)					
Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)	

Cement				
Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies				
Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		63,838.0	63,838.0	0.0



Partner Completion and Workover

Report # 15.0, Report Date: 1/9/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 179,197	Cum Field Est To Date (Cost) 1,956,792
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 28-30: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 27-29: with an average rate of 99 BPM and an average treating pressure of 7,200 psi. Standby frac stage 30 at time of report.

Current Status/OART Standby frac stage 30	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact CHANCE MENASCO, Consultant	Title Consultant	Phone Mobile
Job Contact WILL COKER, Completions Consultant	Title Completions Consultant	Phone Mobile
Job Contact JAKE RAY, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:00	3.00	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:00	11:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 27: with 2,000 gals 15% hcl 115,090 lbs 100 mesh sand, and 273,687 lbs. 40/70 mesh sand. avg rate 100 bpm @ 7,159 (psi) pump pressure. Final 3,114 psi, frac gradient .898 tltr 10,098 bbls.  Note: One diverter drop this stage of 25 pods.
11:00	12:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 28 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 135 tbbls pumped. Set plug @ 12,343' md, Perfs 12,100'-12,328'. Pooh, Verified guns fired.
12:30	18:00	5.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
18:00	20:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 28: with 2000 gals 15% hcl 115,973 lbs 100 mesh sand, and 274,373 lbs. 40/70 mesh sand. avg rate 100 bpm @ 6,752 (psi) pump pressure. Final 3,521 psi, frac gradient .851 tltr 10,060 bbls.  Note: One diverter drop this stage of 25 pods.
20:00	22:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 29 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,500 psi pump pressure, 178 tbbls pumped. Set plug @ 12,088' md, Perfs 11,848'-12,075'. Pooh, Verified guns fired.



Partner Completion and Workover

Report # 15.0, Report Date: 1/9/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
22:00	01:30	3.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
01:30	03:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 29: with 2000 gals 15% hcl 115,101 lbs 100 mesh sand, and 257,018 lbs. 40/70 mesh sand. avg rate 99 bpm @ 7,278 (psi) pump pressure. Final 3,353 psi, frac gradient .831 tltr 9,906 bbls.  Note: One diverter drop this stage of 25 pods.
03:30	05:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 30 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 3,800 psi pump pressure, 159 tbbls pumped. Set plug @ 11,833' md, Perfs 11,593'-11,820'. Pooh, Verified guns fired.
05:30	06:00	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
04:30	10,828.0	11,051.0		
20:45	11,083.0	11,310.0		
13:00	11,338.0	11,562.0		
04:21	11,593.0	11,820.0		
20:44	11,848.0	12,075.0		
12:00	12,100.0	12,328.0		
03:30	12,358.0	12,585.0		
19:30	12,613.0	12,840.0		
11:20	12,868.0	13,093.0		
15:00	13,123.0	13,348.0		
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		



Partner Completion and Workover

Report # 15.0, Report Date: 1/9/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Stimulations Summary

Type	Subtype	Stim/Treat Company
------	---------	--------------------

Stimulation Intervals

Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		66,838.0	66,838.0	0.0



Partner Completion and Workover

Report # 16.0, Report Date: 1/10/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBDT (All) (ftKB)	TD All (TVD) (ftKB)

Primary Job Type 08-Completion	Secondary Job Type Original Completion
-----------------------------------	---

Objective  
Completion with 40 stages.

Contractor Schlumberger	Rig Number WTX 10
----------------------------	----------------------

AFE Number DD.19.31598.CAP.CMP	Total AFE + Supp Amount (Cost) 4,276,000.00	Daily Field Est Total (Cost) 182,342	Cum Field Est To Date (Cost) 2,139,134
-----------------------------------	--	---	---

Daily Readings

Weather	Temperature (°F)	Road Condition	Rig Time (hr)
---------	------------------	----------------	---------------

Short Report  
PERFORATED STAGES 31-33: with 3-1/8" od guns on wireline. Set plug and perforate Ten 1' clusters, 60 shots total. FRAC STAGES 30-32: with an average rate of 100 BPM and an average treating pressure of 6,900 psi. Standby frac stage 33 at time of report.

Current Status/OART Standby frac stage 33	24 Hour Forecast 24 hr frac ops
--	------------------------------------

Daily Contacts

Job Contact ANDREW BAILEY, Engineer	Title Engineer	Phone Mobile
Job Contact CHANCE MENASCO, Consultant	Title Consultant	Phone Mobile
Job Contact WILL COKER, Completions Consultant	Title Completions Consultant	Phone Mobile
Job Contact JAKE RAY, Consultant	Title Consultant	Phone Mobile

Personnel Log

Count	Type	Company	Note	Pers Tot Hrs (hr)	Cum Pers Tot...
2	Contractor	BEDROCK CONSULTING	Consultant		
2	Service	ELY & ASSOCIATES	Frac QC/QA		
24	Service	SCHLUMBERGER	Frac Crew		
8	Service	SCHLUMBERGER	Wireline		
4	Service	NICHOLS	Pumpdown		
2	Service	CAMERON	Torque/Test		
6	Service	BLAZER WATER TRANSFER	Water Transfer		
2	Service	CAMERON	Flowback		
2	Service	CIRCLE 8 CRANE	Crane		
4	Service	BOSQUE	Chemical Treatment		
8	Service	ROLFSON OIL LLC	Fuel		

Time Log

Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	Operation Summary
06:00	09:45	3.75	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
09:45	12:00	2.25	39STIM, Stim & Treat	ST	b	O	Frac stage 30: with 2,000 gals 15% hcl 114,893 lbs 100 mesh sand, and 274,058 lbs. 40/70 mesh sand. avg rate 100 bpm @ 7,096 (psi) pump pressure. Final 2,899 psi, frac gradient .888 tltr 11,128 bbls.  Note: One diverter drop this stage of 25 pods.
12:00	13:30	1.50	39STIM, Stim & Treat	PF	c	O	Stage 31 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,800 psi pump pressure, 130 tbbbls pumped. Set plug @ 11,578' md, Perfs 11,338'-11,562'. Pooh, Verified guns fired.
13:30	18:00	4.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
18:00	20:00	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 31: with 2,000 gals 15% hcl 115,606 lbs 100 mesh sand, and 274,532 lbs. 40/70 mesh sand. avg rate 100 bpm @ 7,087 (psi) pump pressure. Final 3,905 psi, frac gradient .896 tltr 9,893 bbls.  Note: One diverter drop this stage of 25 pods.
20:00	22:00	2.00	39STIM, Stim & Treat	PF	c	O	Stage 32 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,000 psi pump pressure, 140 tbbbls pumped. Set plug @ 11,323' md, Perfs 11,083'-11,310'. Pooh, Verified guns fired.



Partner Completion and Workover

Report # 16.0, Report Date: 1/10/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBD (All) (ftKB)	TD All (TVD) (ftKB)

Time Log							Operation Summary
Start Time	End Time	Dur (hr)	Phase	Ops Code	Sub Code	Time Code	
22:00	01:30	3.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.
01:30	03:30	2.00	39STIM, Stim & Treat	ST	b	O	Frac stage 32: with 2,000 gals 15% hcl 115,104 lbs 100 mesh sand, and 274,923 lbs. 40/70 mesh sand. avg rate 100 bpm @ 6,966 (psi) pump pressure. Final 3,332 psi, frac gradient .828 tltr 9,853 bbls.  Note: One diverter drop this stage of 25 pods.
03:30	05:30	2.00	39STIM, Stim & Treat	PF	c	O	Stage 33 Perfs: Ran in hole with 3-1/8" od guns on wireline. Pump down guns at 18 bpm, 4,000 psi pump pressure, 125 tbbls pumped. Set plug @ 11,064' md, Perfs 10,828'-11,051'. Pooh, Verified guns fired.
05:30	06:00	0.50	39STIM, Stim & Treat	inactive	inactive	O	Waiting to complete operations on adjacent well.

Report Fluids Summary				
Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Safety Checks			
Time	Safety Topic	Type	Com
06:15	OVERHEAD LOADS, WEATHER, EMERGENCY DRIVERS, NEAREST HOSPITAL, SPEED LIMITS, PRESSURE, STOP WORK	Tail Gate	

Logs				
Time	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforations				
Time	Top (ftKB)	Btm (ftKB)	Current Status	Linked Zone
04:30	10,828.0	11,051.0		
20:45	11,083.0	11,310.0		
13:00	11,338.0	11,562.0		
04:21	11,593.0	11,820.0		
20:44	11,848.0	12,075.0		
12:00	12,100.0	12,328.0		
03:30	12,358.0	12,585.0		
19:30	12,613.0	12,840.0		
11:20	12,868.0	13,093.0		
15:00	13,123.0	13,348.0		
18:30	13,378.0	13,605.0		
09:30	13,633.0	13,873.0		
00:30	13,890.0	14,118.0		
13:00	14,143.0	14,368.0		
04:15	14,398.0	14,625.0		
07:45	14,656.0	14,877.0		
12:55	14,908.0	15,133.0		
03:30	15,163.0	15,390.0		
19:00	15,420.0	15,647.0		
12:30	15,673.0	15,900.0		
03:15	15,928.0	16,155.0		
18:30	16,183.0	16,410.0		
10:30	16,438.0	16,665.0		
01:15	16,693.0	16,920.0		
17:30	16,948.0	17,175.0		
10:30	17,203.0	17,430.0		
10:30	17,458.0	17,683.0		
01:30	17,713.0	17,940.0		
18:15	17,968.0	18,196.0		
11:30	18,223.0	18,448.0		
07:30	18,478.0	18,703.0		
02:00	18,734.0	18,960.0		
23:45	18,988.0	19,190.0		



Partner Completion and Workover

Report # 16.0, Report Date: 1/10/2020

Well Name: UNIVERSITY 1-2 30 #103HB

API/UWI No. 42461413270000	Surface Legal Location A-160; Sec. 51; GC&SF RR CO	Field Name SPRABERRY (TREND AREA)	Well License/Perm... 857293	State/Province TEXAS	County UPTON	Well Config HORIZONTAL
Original KB Elevation (ft) 2,710.50	KB-Tubing Head Distance (ft)	Original Spud/Spud Rig Date 11/11/2019 01:30	Large Rig Spud Date 11/11/2019 01:30	Rig Release Date 11/28/2019 11:00	PBTD (All) (ftKB)	TD All (TVD) (ftKB)

Stimulations Summary

Type	Subtype	Stim/Treat Company
------	---------	--------------------

Stimulation Intervals

Interval Number	Type	Top (ftKB)	Btm (ftKB)

Tubing Run

Run Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Tubing Pulled

Pull Time	Tubing Description	Set Depth (ftKB)	String Max Nominal OD (in)	Weight/Length (lb/ft)	String Grade

Other in Hole Run (Bridge Plugs, etc)

Run Time	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Other in Hole Pulled (Bridge Plugs, etc)

Pull Time	Des	Top (ftKB)	Btm (ftKB)	OD (in)

Cement

Start Time	Des	Type	String	Cement Comp
17:30	Primary Single Stage	Casing	Surface Casing, 1,037.0ftKB	DOWELL SCHLUMBERGER
03:00	Primary Single Stage	Casing	Intermediate Casing, 5,303.0ftKB	DOWELL SCHLUMBERGER
23:30	Primary Single Stage	Casing	Production Casing, 19,260.0ftKB	DOWELL SCHLUMBERGER

Job Supplies

Supply Item Description	Unit Label	Total Received	Total Consumed	Inventory On Location
FUEL		66,838.0	66,838.0	0.0