



Daily Partner Report

8/24/2016 09:00 - 8/25/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 1

DFS 0.0

Well Info								
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date		
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936		
Job Summary								
Job Category DRILLING		Last Casing String CONDUCTOR, 105.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 117,855.15		
Daily Ops Summary								
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 0.0		Progress (ft)	Daily Field Est Total (Cost) 117,855.15	
Weather Partly Cloudy		Hole Condition CASED		Drilling Hours (hr)		Avg ROP (ft/hr)		Cum Time Log Days (days) 0.88
Operations at Report Time WAIT ON DAYLIGHT TO CONTINUE RIGGING UP								
Operations Summary HELD PRE SPUD SAFETY MEETING // START RIG UP OPERATIONS,WORK ON MISC EQUIP AS NEEDED & UNIT PERFORMING RIG INSPECTIONS // WAIT ON DAYLIGHT //								
Operations Next Report Period START RIGGING UP RIG EQUIPMENT WITH AVEDA TRUCKING								

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
09:00	13:00	4.00	SAFETY MEETING	RIG	7		105.0	105.0	HELD PRE SPUD SAFETY MEETING WITH QEP,UNIT DRILLING,AND 3RD PARTY PERSONELL.DISCUSSED SAFETY ORIENTATION SHEET & NO SHORT CUT POLICY.INCIDENT RATES,REVIEWED WELL PLAN.
13:00	19:00	6.00	RIG UP/DOWN	LOC	4		105.0	105.0	,HELD PJSM,WORK ON MISC RIG EQUIPMENT AS NEEDED.REMOVE OLD MUD LINE FROM DERRICK,UNIT MECHANICS PERFORMING ENGINE INSPECTIONS.
19:00	06:00	11.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Head Count / Man Hours					
Company		Type		Employee Type	Count
					Reg Work Time (hr)
					Tot Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		



Daily Partner Report

8/26/2016 06:00 - 8/27/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 3
DFS 0.0

Well Info					
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date	
Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary					
Job Category DRILLING		Last Casing String CONDUCTOR, 105.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00	
				Cum Field Est To Date (Cost) 171,018.75	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 0.0	
				Progress (ft)	
Weather Partly Cloudy		Hole Condition CASED		Daily Field Est Total (Cost) 28,628.76	
Drilling Hours (hr)		Avg ROP (ft/hr)		Cum Time Log Days (days) 2.88	
Operations at Report Time WAIT ON DAYLIGHT TO CONTINUE RIGGING UP					
Operations Summary HELD PJSM W/ ALL PERSONELL // RIG UP RIG EQUIPMENT // SET MUD PITS,PUMPS & POWER PACK,HOOK UP PLUMBING ,WIRING AND HYDRAULIC SYSTEM // HOOK UP SUB STRUCTURE AREA // HOOKING UP 7500 PSI MUD SYSTEM // GENERAL RIG UP.					
Operations Next Report Period CONTINUE RIGGING UP WITH RIG CREWS					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PJSM WITH QEP,UNIT DRILLING AND AVEDA TRUCKING ON RIG UP OPERATIONS.
06:30	20:00	13.50	RIG UP/DOWN	LOC	4		105.0	105.0	RIG UP RIG EQUIPMENT. BRIDLE UP & RAISE A LEGS.SET TOP DRIVE ON FLOOR.SET TOP DRIVE,HPU AND KOOMEY SKID.SET MUD PITS, MUD PUMPS,CHARGER HOUSE,HOPPER HOUSE,DISTRIBUTION HOUSE AND POWER PACK.SET TRIP TANK,CHOKE MANIFOLD,SHAKERS,STAIRS, SUIT CASES,WATER & FUEL TANKS.HOOK UP DRAG LINK,SET CAT WALK,BUSTER,BAR HOPPERS,RIGGGING UP 7500 PSI MUD SYSTEM,HOOK UP ELECTRICAL WIRING,PLUMBING & HYDRAULIC SYSTEM..CHANGING BUTTERFLY VALVES ON MUD PITS.RECIEVED NEW 500 TON BLOCK ASSEMBLY.HAULED QEP EQUIP FROM STORAGE YARD. 100% SET IN AND 30% RIGGED UP. TRUCKS AND CRANES RELEASED AT 2000 HOURS.
20:00	06:00	10.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Head Count / Man Hours					
Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		



Daily Partner Report

8/27/2016 06:00 - 8/28/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 4

DFS 0.0

Well Info									
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String CONDUCTOR, 105.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 191,075.90			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 0.0		Progress (ft)		Daily Field Est Total (Cost) 20,057.15	
Weather Clear		Hole Condition CASED		Drilling Hours (hr)		Avg ROP (ft/hr)		Cum Time Log Days (days) 3.88	
Operations at Report Time WAIT ON DAYLIGHT TO CONTINUE RIGGING UP									
Operations Summary HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIPMENT // WORKING ON 7500 PSI MUD SYSTEM // RUN WIRING,PLUMBING AND HYDRAULIC EQUIP //STRING UP BLOCKS // WORK ON MUD PITS. // GENERAL RIG UP //									
Operations Next Report Period CONTINUE RIGGING UP WITH RIG CREWS RAISE DERRICK.									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PTSM WITH ALL PERSONELL ON RIG UP OPERATIONS
06:30	19:00	12.50	RIG UP/DOWN	LOC	4		105.0	105.0	RIG UP RIG EQUIPMENT,INSTALL 7500 PSI KELLY HOSE,RIGGING UP 7500 PSI MUD SYSTEM & INSTALL SAFETY CLAMPS,WORK ON MUD PIT BUTTERFLY VALVES,RUN ELECTRICAL WIRING,PLUMBING AND HYDRAULIC SYSTEM.WORKING ON SHAKER MANIFOLD & FLOWLINE EQUIP.INSTALLING 6" BRINE WATER LINES ON MUD PITS.STRING UP BLOCKS.HOOK UP GROUNDING CABLES.UNLOAD SURFACE CASING,STRAP & DRIFT.START RIG ENGINES AND RUN OUT SAME.GENERAL RIG UP.
19:00	06:00	11.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP
Head Count / Man Hours									
Company		Type		Employee Type		Count	Reg Work Time (hr)		Tot Work Time (hr)
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00			



Daily Partner Report

8/28/2016 06:00 - 8/29/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 5
DFS 0.0

Well Info					
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date	
		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936	
Job Summary					
Job Category DRILLING		Last Casing String CONDUCTOR, 105.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00	
				Cum Field Est To Date (Cost) 210,277.05	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 0.0	
				Progress (ft)	
Weather Rain		Hole Condition CASED		Daily Field Est Total (Cost) 19,201.15	
		Drilling Hours (hr)		Avg ROP (ft/hr)	
				Cum Time Log Days (days) 4.88	
Operations at Report Time WAIT ON DAYLIGHT TO CONTINUE RIGGING UP					
Operations Summary HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIPMENT // CONTINUE WORKING ON ELECTRICAL EQUIPMENT AND WIRING,PLUMBING AND HYDRAULIC SYSTEM // HANG TOP DRIVE SERV LOOP // SET TANK FARM // CONTINUE WITH GENERAL RIG UP //					
Operations Next Report Period CONTINUE RIGGING UP WITH RIG CREWS,PLAN ON RAISING DERRICK					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PTSM WITH ALL PERSONELL ON RIG UP OPERATIONS
06:30	19:00	12.50	RIG UP/DOWN	LOC	4		105.0	105.0	RIG UP RIG EQUIPMENT.CONTINUE WORKING ON ELECTRICAL WIRING AND ELECTRICAL EQUIPMENT ,WORK ON PLUMBING AND HYDRAULIC SYSTEM.HANG TOP DRIVE SERVICE LOOP ,WORKING ON FLOOR AREA. WORK ON BRINE WATER SYSTEM ON MUD PITS , WORK ON RESERVE PIT LINES TO MUD PITS,SET OBM TANK FARM .PUT MAN CAMPS ON RIG POWER.HOOKING UP PASON EQUIPMENT.CONTINUE WITH GENERAL RIG UP.
19:00	06:00	11.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Head Count / Man Hours					
Company		Type	Employee Type	Count	Reg Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		



Daily Partner Report

8/29/2016 06:00 - 8/30/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 6
DFS 0.0

Well Info

API
42-317-40522

Surface Legal Location
S-, SVY,

Division
PERMIAN BASIN DIVISION

Field Name
SPRABERRY

Spud Date

County
MARTIN

State
TEXAS

Ground Elevation (ft)
2,911

Original KB Elevation (ft)
2,936

Job Summary

Job Category
DRILLING

Last Casing String
CONDUCTOR, 105.0ft, KB

JOB AFE AMOUNT (Cost)
2,581,200.00

Cum Field Est To Date (Cost)
229,478.20

Daily Ops Summary

RIG
UNIT 103

Wellbore Name
Original Hole

End Depth (ft, KB)
0.0

Progress (ft)

Daily Field Est Total (Cost)
19,201.15

Weather

Hole Condition
CASED

Drilling Hours (hr)

Avg ROP (ft/hr)

Cum Time Log Days (days)
4.90

Operations at Report Time
WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Operations Summary
HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIP // CONTINUE WORKING ON ELECTRICAL SYSTEM // RUN OUT DRAW WORKS AND RAISE DERRICK // CONTINUE MODIFYING EQUIP WITH WELDERS // CONTINUE WITH GENERAL RIG UP //

Operations Next Report Period

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PTSM WITH ALL PERSONELL
06:30	06:30		RIG UP/DOWN	LOC	4		105.0	105.0	RIG UP RIG EQUIPMENT,MOVE GAS BUSTER AS NEEDED FOR CORRECT ALIGNMENT FOR FLOWLINES, RUN OUT DRAWWORKS , HELD PJSM,STRESS TEST DERRICK FOR 30 MINUTES AND RAISE DERRICK,CONTINUE WITH GENERAL RIG UP,

Head Count / Man Hours					
Company		Type	Employee Type	Count	Reg Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		

QEP Energy Company

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Report Printed: 8/29/2016



Daily Partner Report

8/30/2016 06:00 - 8/31/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 7

DFS 0.0

Well Info					
API 42-317-40522		Surface Legal Location S- , SVY,		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date	
		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936	
Job Summary					
Job Category DRILLING		Last Casing String CONDUCTOR, 105.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00	
				Cum Field Est To Date (Cost) 261,352.24	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 0.0	
				Progress (ft)	
Weather Overcast		Hole Condition CASED		Daily Field Est Total (Cost) 24,510.09	
		Drilling Hours (hr)		Avg ROP (ft/hr)	
				Cum Time Log Days (days) 6.88	
Operations at Report Time WAIT ON DAYLIGHT TO CONTINUE RIGGING UP					
Operations Summary HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIP // INSTALLING TESCO TOP DRIVE EQUIPMENT // FABRICATING FLOW LINE AND TRIP TANK LINES // FABRICATE RIG EQUIPMENT AS NEEDED // CONTINUE WITH GENERAL RIG UP //					
Operations Next Report Period CONTINUE RIGGING UP WITH RIG CREWS.FABRICATING RIG EQUIPMENT AS NEEDED . FINISH INSTALLING TOP DRIVE EQUIPMENT.					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PTSM WITH ALL PERSONELL
06:30	20:00	13.50	RIG UP/DOWN	LOC	4		105.0	105.0	RIG UP RIG EQUIPMENT,WORK ON INSTALLING TESCO TOP DRIVE EQUIPMENT,PICK UP TRACK,SWIVEL AND TOP DRIVE.REPOSITION CHOKE MANIFOLD TO ALLOW CORRECT ALIGNMENT WITH CHOKE LINES,START FABRICATING CHOKE LINES.CONTINUE FABRICATING FLOW LINES TO GAS BUSTER AND TRIP TANK.FABRICATE HANDRAILS & WALKWAYS ON MUD PITS.CANRIG TECH WORKING ON HYDRAULIC CATWALK & WALK IT INTO POSITION, CONTINUE WITH WIRING AND LIGHTING AROUND RIG.FINISHED BRINE WATER SYSTEM TO MUD PITS. SET RESERVE PIT PUMPS.FILLED RIG WATER TANKS.PASON CONTINUING WITH INSTALLATION.CONTINUE WITH GENERAL RIG UP.ESTIMATED 65% RIGGED UP.
20:00	06:00	10.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Head Count / Man Hours					
Company		Type	Employee Type	Count	Reg Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		



Daily Partner Report

9/1/2016 06:00 - 9/2/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 9

DFS 0.0

Well Info

API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String CONDUCTOR, 105.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 314,977.84
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 0.0	Progress (ft)	Daily Field Est Total (Cost) 33,045.38
Weather Partly Cloudy	Hole Condition CASED	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days) 8.88

Operations at Report Time
WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Operations Summary
HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIP // FINISH INSTALLING TESCO TOP DRIVE EQUIPMENT,TESCO TECH ON LOCATION // FABRICATING FLOW LINE,GAS BUSTER & CHOKE LINES // FABRICATE RIG EQUIPMENT AS NEEDED // CONTINUE WITH GENERAL RIG UP //

Operations Next Report Period
CONTINUE RIGGING UP WITH RIG CREWS.FABRICATING RIG EQUIPMENT AS NEEDED .

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PRE TOUR SAFETY MEETING WITH ALL PERSONELL
06:30	21:00	14.50	RIG UP/DOWN	LOC	4		105.0	105.0	RIG UP RIG EQUIPMENT.CONTINUE INSTALLING TOP DRIVE EQUIPMENT,DRESS TOP DRIVE,INSTALL SERVICE LOOP TARP.FABRICATING BRACKET FOR S PIPE ON TOP DRIVE.RIGGING UP FLOOR AREA.INSTALL KOOMEY HYDRAULIC FITTINGS,AND RUN AIR SUPPLY.MOUNT STAIRS TO TOP DRIVE HOUSE.FABRICATING CHOKE LINES TO GAS BUSTER.FABRICATING FLOW LINE TO GAS BUSTER. UNIT PERFORMING MAINTENANCE ON EQUIP.CONTINUE WITH GENERAL RIG UP.
21:00	06:00	9.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		



Daily Partner Report

9/2/2016 06:00 - 9/3/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 10

DFS 0.0

Well Info				
API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	
Job Summary				
Job Category DRILLING	Last Casing String CONDUCTOR, 105.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 340,756.58
Daily Ops Summary				
RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 0.0	Progress (ft)	Daily Field Est Total (Cost) 25,778.74
Weather Overcast	Hole Condition CASED	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days) 9.88
Operations at Report Time WAIT ON DAYLIGHT TO CONTINUE RIGGING UP				
Operations Summary HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIP // FINISH INSTALLING TESCO TOP DRIVE EQUIPMENT & FABRICATE BRACKET FOR S PIPE // FINISH CHOKE LINES TO SUB STRUCTURE // FABRICATE RIG EQUIPMENT AS NEEDED // CONTINUE WITH GENERAL RIG UP //				
Operations Next Report Period CONTINUE RIGGING UP WITH RIG CREWS.FABRICATING RIG EQUIPMENT AS NEEDED .				

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PTSM WITH ALL PERSONELL
06:30	21:00	14.50	RIG UP/DOWN	LOC	4		105.0	105.0	HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIP // FINISH INSTALLING TESCO TOP DRIVE EQUIPMENT,FABRICATE S PIPE BRACKET,INSTALL KELLY HOSE // FINISH CHOKE LINES TO SUB STRUCTURE // FABRICATE MUD BUCKET AND TRIP TANK LINES ON FLOWLINE // INSTALL FLOWLINE SECTIONS & FIT STANDS TO CORRECT HEIGHT // INSTALLING SAFETY CLAMPS & CABLES ON MUD LINES // FABRICATE RIG EQUIPMENT AS NEEDED // SET STALLION SOLIDS EQUIPMENT // GET ALL HANDLING TOOLS ON RIG FLOOR // CANRIG PERFORMED CREW TRAINING ON HYDRAULIC CATWALK // CONTINUE WITH GENERAL RIG UP //
21:00	06:00	9.00	RIG UP/DOWN	LOC	4		105.0	105.0	WAIT ON DAYLIGHT TO CONTINUE RIGGING UP

Head Count / Man Hours					
Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING SURFACE CASING INTERMEDIATE CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		



Daily Partner Report

9/3/2016 06:00 - 9/4/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 11

DFS 0.0

Well Info									
API 42-317-40522		Surface Legal Location S- , SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String CONDUCTOR, 105.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 361,150.83			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 0.0		Progress (ft)		Daily Field Est Total (Cost) 20,394.25	
Weather Overcast		Hole Condition CASED		Drilling Hours (hr)		Avg ROP (ft/hr)		Cum Time Log Days (days) 10.88	
Operations at Report Time RIGGING UP									
Operations Summary HELD PTSM WITH ALL PERSONELL // RIG UP RIG EQUIP // RIGGING UP SOLIDS EQUIP // CONTINUE WITH GENERAL RIG UP //									
Operations Next Report Period CONTINUE RIGGING UP WITH RIG CREWS.FABRICATING RIG EQUIPMENT AS NEEDED .									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	SAFETY MEETING	RIG	7		105.0	105.0	HELD PTSM WITH ALL PERSONELL
06:30	06:00	23.50	RIG UP/DOWN	LOC	4		105.0	105.0	CONTINUE WITH GENERAL RIG UP, INSTALL MATHENA FLARE LINE EQUIP,WELDERS WORKING ON MISC ITEMS,SHAKER SLIDES,GROUNDING ON SOLIDS EQUIP. WALKWAYS & HANDRAILS.RIG UP SOLIDS EQUIP.INSTALL 8" & 10" OVERFLOW LINES TO RESERVE PIT.SET CELLAR PUMPS,FILL MUD PITS WITH WATER,FIX LEAKS,WORK ON GUN LINES.PUT UP LIGHTS ON FRONT OF SUB STRUCTURE.INSPECT HANDLING TOOLS,LAY OUT BHA TOOLS,STRAP & CALIPER.SET SURFACE CASING ON RACKS.WORK ON HOUSEKEEPING.
Head Count / Man Hours									
Company		Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)	
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
PRODUCTION CASING	13 3/8	105.0	25.0	8/2/2016	18.54	133.00			
SURFACE CASING									
INTERMEDIATE CASING									
CONDUCTOR	20								



Daily Partner Report

9/6/2016 06:00 - 9/7/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 14

DFS 3.0

Well Info					
API 42-317-40522		Surface Legal Location S- , SVY,		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date 9/4/2016	
				Ground Elevation (ft) 2,911	
				Original KB Elevation (ft) 2,936	
Job Summary					
Job Category DRILLING		Last Casing String SURFACE CASING, 530.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00	
				Cum Field Est To Date (Cost) 557,493.24	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 2,196.0	
				Progress (ft) 1666	
Weather Partly Cloudy		Hole Condition CASED		Daily Field Est Total (Cost) 40,090.67	
				Cum Time Log Days (days) 13.88	
		Drilling Hours (hr) 8.50		Avg ROP (ft/hr) 196.0	
Operations at Report Time ROTATE DRILL INTERMEDIATE HOLE SECTION AT 270 FPH					
Operations Summary FINISH PU DIR TOOLS // TIH TO FLOAT COLLAR // RIG REPAIRS,TOP DRIVE DOWN AND CHANGE O RING ON SWIVEL GOOSENECK // DRILL OUT SHOE TRACK // ROTATE & SLIDE DRILL F/ 530' TO 2196' // SURVEYS AND CONNECTIONS // RIG & TOP DRIVE SERV //					
Operations Next Report Period CONTINUE DRILLING INTERMEDIATE HOLE SECTION					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:30	1.50	PU/LD BHA	TRP	1		530.0	530.0	P/U DIR TOOLS
07:30	08:30	1.00	TRIP	TRP	2		530.0	530.0	TIH TO FLOAT COLLAR
08:30	09:30	1.00	MISCELLANEOUS	OTH			530.0	530.0	CEMENT CELLAR & LEVEL DERRICK
09:30	15:00	5.50	RIG REPAIR	RIG	2	Rig Repairs	530.0	530.0	TOP DRIVE DOWN, UNABLE TO ROTATE, CHANGE OUT RESOLVER
15:00	16:00	1.00	DRILL CEMENT/EQUIPMENT	DRL	4		530.0	530.0	DRILL OUT FLOAT EQUIPMENT
16:00	16:30	0.50	ROTARY DRILL	DRL	1		530.0	627.0	ROTATE DRILL F/530 TO 627=97'
16:30	17:00	0.50	SURVEY	SUR	1		627.0	627.0	CONN & SURVEYS
17:00	17:30	0.50	ROTARY DRILL	DRL	1		627.0	719.0	SLIDE F/627 TO 639=12' ROTATE F/639 TO 719=80' WOB 20 DHRPM 180 DIFF
17:30	19:00	1.50	ROTARY DRILL	DRL	1		719.0	964.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 719' TO 964'=245',35 WOB,DHRPM 194,780 GPM. 3 SLIDES 42' .50 HR
19:00	19:30	0.50	SURVEY	SUR	1		964.0	964.0	SURVEYS AND CONNECTIONS
19:30	20:30	1.00	ROTARY DRILL	DRL	1		964.0	1,100.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 964' TO 1100'=136",35 WOB,DHRPM 194,780 GPM. 1 SLIDES 10' .25 HR
20:30	21:00	0.50	RIG REPAIR	RIG	2	Rig Repairs	1,100.0	1,100.0	RIG REPAIR,CHANGED O RING ON GOOSE NECK THREADED CAP
21:00	21:30	0.50	ROTARY DRILL	DRL	1		1,100.0	1,159.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1100' TO 1159'=59',35 WOB,DHRPM 194,780 GPM. 0 SLIDES 0' 0 HR
21:30	22:00	0.50	SURVEY	SUR	1		1,159.0	1,159.0	SURVEYS AND CONNECTIONS
22:00	22:30	0.50	ROTARY DRILL	DRL	1		1,159.0	1,348.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1159' TO 1348'=189',35 WOB,DHRPM 194,780 GPM. 0 SLIDES 0' 0 HR
22:30	23:00	0.50	SURVEY	SUR	1		1,348.0	1,348.0	SURVEYS AND CONNECTIONS
23:00	00:00	1.00	ROTARY DRILL	DRL	1		1,348.0	1,535.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1348' TO 1535'=187',35 WOB,DHRPM 194,780 GPM. 1 SLIDES 15' .25 HR
00:00	00:30	0.50	SURVEY	SUR	1		1,535.0	1,535.0	SURVEYS AND CONNECTIONS



Daily Partner Report

9/6/2016 06:00 - 9/7/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 14

DFS 3.0

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
00:30	01:00	0.50	ROTARY DRILL	DRL	1		1,535.0	1,630.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1535' TO 1630'=95',35 WOB,DHRPM 168,650 GPM. 1 SLIDES 15' .25 HR
01:00	01:30	0.50	SURVEY	SUR	1		1,630.0	1,630.0	SURVEY AND CONNECTION
01:30	02:00	0.50	ROTARY DRILL	DRL	1		1,630.0	1,724.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1630' TO 1724'=94',35 WOB,DHRPM 168,650 GPM. 1 SLIDES 15' .25 HR
02:00	02:30	0.50	RIG SERVICE	RIG	1		1,724.0	1,724.0	RIG & TOP DRIVE SERVICE
02:30	03:00	0.50	ROTARY DRILL	DRL	1		1,724.0	1,912.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1724' TO 1912'=188',35 WOB,DHRPM 194,780 GPM. 0 SLIDES 0' 0 HR
03:00	03:30	0.50	SURVEY	SUR	1		1,912.0	1,912.0	SURVEYS AND CONNECTIONS
03:30	04:00	0.50	ROTARY DRILL	DRL	1		1,912.0	2,006.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 1912' TO 2006'=94',35 WOB,DHRPM 194,780 GPM. 1 SLIDES 15' .25 HR
04:00	04:30	0.50	SURVEY	SUR	1		2,006.0	2,006.0	SURVEYS AND CONNECTIONS
04:30	05:30	1.00	ROTARY DRILL	DRL	1		2,006.0	2,196.0	ROTATE DRILL,NUDGE WELL PER PROG F/ 2006' TO 2196'=190',35 WOB,DHRPM 108,780 GPM. 1 SLIDES 15' .25 HR
05:30	06:00	0.50	SURVEY	SUR	1		2,196.0	2,196.0	SURVEYS AND CONNECTIONS

Head Count / Man Hours					
Company		Type	Employee Type	Count	Reg Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
INTERMEDIATE CASING								
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		



Daily Partner Report

9/7/2016 06:00 - 9/8/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 15

DFS 4.0

Well Info

API 42-317-40522	Surface Legal Location S-, SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category	Last Casing String	JOB AFE AMOUNT (Cost)	Cum Field Est To Date (Cost)
DRILLING	SURFACE CASING, 530.0ft, KB	2,581,200.00	609,709.44

Daily Ops Summary

RIG	Wellbore Name	End Depth (ft, KB)	Progress (ft)	Daily Field Est Total (Cost)
UNIT 103	Original Hole	4,527.0	2331	46,973.20
Weather	Hole Condition	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum Time Log Days (days)
Overcast	GOOD	19.50	119.5	14.88

Operations at Report Time
ROTATE DRILL INTERMEDIATE HOLE SECTION AT 100 FPH

Operations Summary

ROTATE & SLIDE DRILL F/ 2196' TO 4527' // SURVEYS AND CONNECTIONS

Operations Next Report Period
CONTINUE DRILLING INTERMEDIATE HOLE SECTION

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	13:00	7.00	ROTARY DRILL	DRL	1		2,196.0	3,235.0	ROTATE DRILL FROM 2196'-3235' =1039' @ 148FPH, WOB 39K, 800GPM, RPM 60, SLIDE AS NEEDED TO MAINTAIN NUDGE
13:00	14:00	1.00	SURVEY	SUR	1		3,235.0	3,235.0	SURVEY AND CONNECTIONS
14:00	14:30	0.50	RIG SERVICE	RIG	1		3,235.0	3,235.0	RIG SERVICE AND TOPDRIVE INSPECTIONS
14:30	17:00	2.50	ROTARY DRILL	DRL	1		3,235.0	3,443.0	ROTATE DRILL FROM 3235'-3443' =208' @ 85FPH, WOB 39K, 800GPM, RPM 60, SLIDE AS NEEDED TO MAINTAIN NUDGE
17:00	18:00	1.00	SURVEY	SUR	1		3,443.0	3,443.0	SURVEY AND CONNECTIONS
18:00	01:00	7.00	ROTARY DRILL	DRL	1		3,443.0	4,240.0	ROTATE DRILL FROM 3443' - 4240' = 797' @ 114 FPH, WOB 40K, 800GPM, RPM 60, SLIDE AS NEEDED TO MAINTAIN NUDGE
01:00	02:00	1.00	RIG REPAIR	RIG	2		4,240.0	4,240.0	RIG REPAIR - RACK BACK 2 STANDS AND CIRC, CHANGED O RING ON GOOSE NECK THREADED CAP
02:00	05:00	3.00	ROTARY DRILL	DRL	1		4,240.0	4,527.0	ROTATE DRILL FROM 4240' - 4527' = 287' @ 96 FPH, WOB 40K, 800GPM, RPM 60, SLIDE AS NEEDED TO MAINTAIN NUDGE
05:00	06:00	1.00	SURVEY	SUR	1		4,527.0	4,527.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING								
INTERMEDIATE CASING	9 5/8					43.50		
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		



Daily Partner Report

9/8/2016 06:00 - 9/9/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 16

DFS 5.0

Well Info									
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date 9/4/2016	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String SURFACE CASING, 530.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 652,538.28			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 6,250.0		Progress (ft) 1723		Daily Field Est Total (Cost) 42,828.84	
Weather Clear		Hole Condition GOOD		Drilling Hours (hr) 19.00		Avg ROP (ft/hr) 90.7		Cum Time Log Days (days) 15.88	
Operations at Report Time ROTATE DRILL INTERMEDIATE HOLE SECTION AT 140 FPH									
Operations Summary ROTATE & SLIDE DRILL F/ 4527' TO 6250' // SURVEYS AND CONNECTIONS									
Operations Next Report Period CONTINUE DRILLING INTERMEDIATE HOLE SECTION, DISPLACE HOLE WITH MUD, DRILL TO TD, CBU AND TOH TO RUN CASING									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	08:30	2.50	DIRECTIONAL DRILL	DRL	2		4,527.0	4,654.0	ROTATE DRILL FROM 4527' - 4654' = 127' @ 50.8 FPH, WOB 40K, 680 GPM, RPM 50, SLIDE AS NEEDED TO MANTAIN NUDGE
08:30	09:00	0.50	SURVEY	SUR	1		4,654.0	4,654.0	SURVEY AND CONNECTIONS
09:00	09:30	0.50	RIG SERVICE	RIG	1		4,654.0	4,654.0	RIG SERVICE AND TOPDRIVE INSPECTION
09:30	16:30	7.00	DIRECTIONAL DRILL	DRL	2		4,654.0	5,130.0	ROTATE DRILL FROM 4654' - 5130' = 476' @ 68 FPH, WOB 40K, 680 GPM, RPM 50, SLIDE AS NEEDED TO MANTAIN NUDGE
16:30	18:00	1.50	SURVEY	SUR	1		5,130.0	5,130.0	SURVEY AND CONNECTIONS
18:00	01:00	7.00	DIRECTIONAL DRILL	DRL	2		5,130.0	5,978.0	ROTATE DRILL FROM 5130 - 5978' = 848' @ 121 FPH, WOB 40K, 785 GPM, RPM 60, SLIDE AS NEEDED TO MANTAIN NUDGE TILL 5695' THEN START SLIDES TO DROP TO VERTICAL
01:00	02:30	1.50	SURVEY	SUR	1		5,978.0	5,978.0	SURVEY AND CONNECTIONS
02:30	03:00	0.50	RIG SERVICE	RIG	1		5,978.0	5,978.0	RIG SERVICE AND TOPDRIVE INSPECTION
03:00	05:30	2.50	DIRECTIONAL DRILL	DRL	2		5,978.0	6,250.0	ROTATE DRILL FROM 5978' - 6250' = 272' @ 109 FPH, WOB 40K, 785 GPM, RPM 60, SLIDE AS NEEDED TO DROP TO VERTICAL
05:30	06:00	0.50	SURVEY	SUR	1		6,250.0	6,250.0	SURVEY AND CONNECTIONS
Head Count / Man Hours									
Company		Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)	
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
PRODUCTION CASING									
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00			
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50			
INTERMEDIATE CASING	9 5/8	8,158.0	-7.6			40.00			



Daily Partner Report

9/10/2016 06:00 - 9/11/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 18

DFS 7.0

Well Info

API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 756,682.72
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 8,178.0	Progress (ft) 886	Daily Field Est Total (Cost) 42,477.72
Weather Clear	Hole Condition GOOD	Drilling Hours (hr) 13.00	Avg ROP (ft/hr) 68.2	Cum Time Log Days (days) 17.88

Operations at Report Time
CIRCULATING HOLE CLEAN FOR CASING FUN

Operations Summary
ROTATE & SLIDE DRILL F/6250' TO 8178', CIRC SWEEP AT ICP

Operations Next Report Period
CIRC SWEEP AND HOLE CLEAN, TOH AND LD BIT AND MM, RU CASERS AND RUN CASING, CIRC AND CEMENT 1ST STAGE, CIRC AND CEMENT 2ND STAGE

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	11:00	5.00	RIG REPAIR	RIG	2	Rig Repair s	7,292.0	7,292.0	RIG REPAIR - WAIT ON TOP DRIVE TECH - TROUBLESHOOT TOP DRIVE, CHANGE OUT RESOLVER, CIRCULATE AT 350 GPM
11:00	12:00	1.00	CUT DRILL LINE	RIG	6	Rig Repair s	7,292.0	7,292.0	SLIP AND CUT 217' OF DRILLING LINE DUE TO BAD SPOT IN LINE
12:00	13:00	1.00	SHORT TRIP	TRP	14		7,292.0	7,292.0	SHORT TRIP FROM 5443' TO 4500'
13:00	14:00	1.00	TRIP	TRP	2	Rig Repair s	7,292.0	7,292.0	TRIP IN HOLE FROM 5443' TO 7292' SAFETY WASH AND REAM LAST 90' TO BOTTOM
14:00	17:30	3.50	DIRECTIONAL DRILL	DRL	2		7,292.0	7,559.0	ROTATE DRILL FROM 7292' - 7559' = 267' @ 76 FPH, WOB 40K, 680GPM, RPM 60
17:30	18:30	1.00	SURVEY	SUR	1		7,559.0	7,559.0	SURVEY AND CONNECTIONS
18:30	04:00	9.50	DIRECTIONAL DRILL	DRL	2		7,559.0	8,178.0	ROTATE DRILL FROM 7559' - 8178' = 619' @ 65.15 FPH, WOB 40K, 680GPM, RPM 60
04:00	05:00	1.00	SURVEY	SUR	1		8,178.0	8,178.0	SURVEY AND CONNECTIONS
05:00	05:30	0.50	RIG SERVICE	RIG	1		8,178.0	8,178.0	RIG SERVICE AND TOPDRIVE INSPECTION
05:30	06:00	0.50	CIRCULATE/C ONDITION	CIRC	1		8,178.0	8,178.0	PUMP 60 BBL HIGH VIS SWEEP AND CIRCULATE HOLE CLEAN FOR CASING TRIP

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	-7.6	9/11/2016		40.00		



Daily Partner Report

9/13/2016 00:30 - 9/13/2016 06:00

Well Name: UNIVERSITY 7-0213 N 03SC

Report# 1
DFS 0.0

Well Info									
API 42-317-40523		Surface Legal Location S13-7 , U L SVY, U19		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String		JOB AFE AMOUNT (Cost) 2,380,100.00		Cum Field Est To Date (Cost) 60,736.01			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 105.0		Progress (ft) 0		Daily Field Est Total (Cost) 60,736.01	
Weather Clear		Hole Condition Good		Drilling Hours (hr)		Avg ROP (ft/hr)		Cum Time Log Days (days) 0.23	
Operations at Report Time PICKING UP BHA									
Operations Summary SKID RIG FROM UL 7-0213N 02SA, RIG UP AND PREP RIG TO SPUD, PICK UP BHA									
Operations Next Report Period DRILL SURFACE, TRIP OUT FOR CASING, RUN 13 3/8 CASING, CEMENT, WELD ON WELL HEAD AND NIPPLE UP BOP									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
00:30	05:00	4.50	MOVE RIG	LOC	3		105.0	105.0	PJSM, SKID RIG FROM THE UL 7-0213N - SKID RIG 25' AND CENTER OVER HOLE, RU CELLAR PUMP, MUD LINES, CATWALK, MISC. RIG UP AFTER SKID, TEST LINES TO 2000 PSI
05:00	06:00	1.00	PU/LD BHA	TRP	1		105.0		PU BIT, BS, 1 STAND WITH 17" STAB AND TAG BOTTOM AT 105'
Head Count / Man Hours									
Company		Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)	
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
CONDUCTOR PRODUCTION CASING INTERMEDIATE CASING SURFACE CASING	13 3/8	533.0	-5.6			54.50			



Daily Partner Report

12/1/2016 06:00 - 12/2/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 22

DFS 11.0

Well Info

API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 1,211,155.03
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 9,156.0	Progress (ft) 355	Daily Field Est Total (Cost) 64,601.05
Weather CLEAR	Hole Condition GOOD	Drilling Hours (hr) 7.50	Avg ROP (ft/hr) 47.3	Cum Time Log Days (days) 21.10

Operations at Report Time SLIDE DRILLING CURVE SECTION AT 35 FPH
Operations Summary DRILL TO KOP, CIRC AND DROP GYRO, TRIP OUT OF HOLE, RETRIEVE GYRO, C/O DIRECTIONAL TOOLS, TIH, BEGIN CURVE
Operations Next Report Period BUILD AND LAND CURVE, TRIP FOR LATERAL ASSEMBLY

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	DIRECTIONAL DRILL	DRL	2		8,801.0	8,850.0	DIRECTIONAL DRILL FROM 8801' TO 8850 =49' AT 10 FPH 30K WOB,70 RPM, AND 550 GPM
06:30	07:00	0.50	SURVEY	SUR	1		8,850.0	8,850.0	SURVEY AND CONNECTIONS
07:00	08:00	1.00	CIRCULATE/C ONDITION	CIRC	1		8,850.0	8,850.0	CIRCULATE HOLE CLEAN
08:00	08:30	0.50	SURVEY	SUR	1		8,850.0	8,850.0	DROP AND LAND GYRO
08:30	14:30	6.00	TRIP	TRP	2		8,850.0	8,850.0	TRIP OUT OF HOLE WITH GYRO
14:30	16:00	1.50	PU/LD BHA	TRP	1		8,850.0	8,850.0	L/D 6 1/2" DRILL COLLARS, MUD MOTOR, MAKE UP AND SCRIBE MOTOR, TEST MWD
16:00	16:30	0.50	RIG SERVICE	RIG	1		8,850.0	8,850.0	RIG SERVICE AND TOP DRIVE INSPECTION
16:30	17:00	0.50	RIG REPAIR	RIG	2		8,850.0	8,850.0	REPAIR CHAIN IN DRAWWORKS HIGH GEAR CHAIN
17:00	20:30	3.50	TRIP	TRP	2		8,850.0	8,850.0	MAKE UP BIT AND TRIP IN HOLE WITH CURVE ASSY
20:30	02:30	6.00	DIRECTIONAL DRILL	DRL	2		8,850.0	9,124.0	DRILL TO 8555' START BUILD CURVE FROM 8855' TO 9124' = 269' @ 34 FPH, WOB 15-30K, 550 GPM, SLIDE AND ROT AS NEEDED
02:30	04:30	2.00	SURVEY	SUR	1		9,124.0	9,124.0	CONNECTIONS AND SURVEYS
04:30	05:00	0.50	RIG SERVICE	RIG	1		9,124.0	9,124.0	RIG SERVICE AND TOP DRIVE INSPECTION
05:00	06:00	1.00	DIRECTIONAL DRILL	DRL	2		9,124.0	9,156.0	BUILD CURVE FROM 9124' TO 9156' = 32' @ 32 FPH, WOB 15-30K, 550 GPM, SLIDE AND ROT AS NEEDED

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING	20	105.0	25.0	8/2/2016	18.54	133.00		
CONDUCTOR	13 3/8	530.0	-5.0	9/5/2016		54.50		
SURFACE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		
INTERMEDIATE CASING								



Daily Partner Report

12/2/2016 06:00 - 12/3/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 23

DFS 12.0

Well Info									
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date 9/4/2016	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 1,269,497.38			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 9,725.0		Progress (ft) 569		Daily Field Est Total (Cost) 58,342.35	
Weather RAIN		Hole Condition GOOD		Drilling Hours (hr) 13.50		Avg ROP (ft/hr) 42.1		Cum Time Log Days (days) 22.10	
Operations at Report Time PU LATERAL A									
Operations Summary ROTATE AND SLIDE DRILL CURVE, CBU, TOH WITH CURVE , LD CURVE BHA									
Operations Next Report Period PU LATERAL BHA, TIH, DRILL LATERAL									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	13:00	7.00	DIRECTIONAL DRILL	DRL	2		9,156.0	9,473.0	BUILD CURVE FROM 9156' TO 9473' = 317' @ 52 FPH, WOB 15 -30K, 550 GPM, SLIDE AND ROT AS NEEDED
13:00	16:00	3.00	SURVEY	SUR	1		9,473.0	9,473.0	SURVEY AND CONNECTIONS
16:00	16:30	0.50	RIG SERVICE	RIG	1		9,473.0	9,473.0	RIG SERVICE AND TOP DRIVE INSPECTION
16:30	23:00	6.50	DIRECTIONAL DRILL	DRL	2		9,473.0	9,725.0	BUILD CURVE FROM 9473' TO 9725' = 252' @ 39 FPH, WOB 15 -30K, 550 GPM, SLIDE AND ROT AS NEEDED
23:00	00:30	1.50	SURVEY	SUR	1		9,725.0	9,725.0	SURVEY AND CONNECTIONS
00:30	01:30	1.00	CIRCULATE/C ONDITION	CIRC	1		9,725.0	9,725.0	CIRC SWEEP BOTTOMS UP, PUMP SLUG
01:30	05:00	3.50	TRIP	TRP	2		9,725.0	9,725.0	TRIP OUT WITH CURVE ASSY
05:00	06:00	1.00	PU/LD BHA	TRP	1		9,725.0	9,725.0	LAY DOWN BIT, CHECK SCRIBE, LD MM AND MWD; CLEAN FLOOR
Head Count / Man Hours									
Company			Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
PRODUCTION CASING CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00			
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50			
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00			



Daily Partner Report

12/3/2016 06:00 - 12/4/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 24

DFS 13.0

Well Info

API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 1,330,525.86
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 11,186.0	Progress (ft) 1461	Daily Field Est Total (Cost) 48,619.89
Weather CLOUDY	Hole Condition GOOD	Drilling Hours (hr) 12.00	Avg ROP (ft/hr) 121.8	Cum Time Log Days (days) 23.10

Operations at Report Time ROTATE DRILL LATERAL AT 120 FPH
Operations Summary PU LATERAL BHA, TIH, ROTATE AND SLIDE DRILL LATERAL
Operations Next Report Period CONTINUE TO ROTATE AND SLIDE DRILL LATERAL

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:00	1.00	PU/LD BHA	TRP	1		9,725.0	9,725.0	TEST MWD, PICK UP MONELS AND STABS MAKE UP BIT,
07:00	11:00	4.00	TRIP	TRP	2		9,725.0	9,725.0	TRIP IN HOLE 68 JOINTS PICK UP AGITATOR 120LBS PRESSURE DIFFERENCE, TRIP IN HOLE TO SHOE
11:00	12:30	1.50	CUT DRILL LINE	RIG	6		9,725.0	9,725.0	SLIP AND CUT DRILLING LINE
12:30	13:30	1.00	TRIP	TRP	2		9,725.0	9,725.0	TRIP IN HOLE, WASH LAST STAND TO BOTTOM
13:30	15:30	2.00	DIRECTIONAL DRILL	DRL	2		9,725.0	9,891.0	DIRECTIONALLY DRILL FROM 9725'-9891' = 166' @ 83 FPH WOB 23 WOB, 550 GPM, 65 RPM
15:30	16:00	0.50	SURVEY	SUR	1		9,891.0	9,891.0	SURVEY AND CONNECTIONS
16:00	16:30	0.50	RIG SERVICE	RIG	1		9,891.0	9,891.0	RIG SERVICE AND TOP DRIVE INSPECTION
16:30	23:00	6.50	DIRECTIONAL DRILL	DRL	2		9,891.0	10,753.0	SLIDE AND ROTATE DRILL LATERAL FROM 9891' TO 10753' = 862' @ 133' FPH WOB 23 WOB, 550 GPM, 65 RPM
23:00	01:30	2.50	SURVEY	SUR	1		10,753.0	10,753.0	SURVEY AND CONNECTIONS
01:30	02:00	0.50	RIG SERVICE	RIG	1		10,753.0	10,753.0	RIG SERVICE AND TOP DRIVE INSPECTION
02:00	05:30	3.50	DIRECTIONAL DRILL	DRL	2		10,753.0	11,186.0	SLIDE AND ROTATE DRILL LATERAL FROM 10753' TO 11186'= 433' @ 123' FPH WOB 23 WOB, 550 GPM, 65 RPM
05:30	06:00	0.50	SURVEY	SUR	1		11,186.0	11,186.0	SURVEY AND CONNECTIONS

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		
PRODUCTION CASING		19,678.0						



Daily Partner Report

12/5/2016 06:00 - 12/6/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 26

DFS 15.0

Well Info									
API 42-317-40522		Surface Legal Location S-, SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date 9/4/2016	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 1,453,816.92			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 15,012.0		Progress (ft) 1867		Daily Field Est Total (Cost) 64,530.93	
Weather CLEAR		Hole Condition GOOD		Drilling Hours (hr) 18.50		Avg ROP (ft/hr) 100.9		Cum Time Log Days (days) 25.10	
Operations at Report Time ROTATE DRILL LATERAL AT 100 FPH									
Operations Summary ROTATE AND SLIDE DRILL LATERAL									
Operations Next Report Period CONTINUE TO ROTATE AND SLIDE DRILL LATERAL									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	12:30	6.50	DIRECTIONAL DRILL	DRL	2		13,145.0	13,778.0	SLIDE AND ROTATE DRILL LATERAL FROM 13145' TO 13778' = 633' @ 97' FPH 26 WOB, 540 GPM, 65 RPM
12:30	13:30	1.00	SURVEY	SUR	1		13,778.0	13,778.0	SURVEY AND CONNECTIONS
13:30	14:00	0.50	RIG SERVICE	RIG	1		13,778.0	13,778.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
14:00	00:00	10.00	DIRECTIONAL DRILL	DRL	2		13,778.0	14,823.0	SLIDE AND ROTATE DRILL LATERAL FROM 13778' TO 14823' = 1045' @ 105' FPH 26 WOB, 540 GPM, 65 RPM
00:00	03:30	3.50	SURVEY	SUR	1		14,823.0	14,823.0	SURVEY AND CONNECTIONS
03:30	04:00	0.50	RIG SERVICE	RIG	1		14,823.0	14,823.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
04:00	06:00	2.00	DIRECTIONAL DRILL	DRL	2		14,823.0	15,012.0	SLIDE AND ROTATE DRILL LATERAL FROM 14823' TO 15012' = 189' @ 95' FPH 26 WOB, 540 GPM, 65 RPM
Head Count / Man Hours									
Company			Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00			
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50			
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00			
PRODUCTION CASING		19,678.0							



Daily Partner Report

12/6/2016 06:00 - 12/7/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 27

DFS 16.0

Well Info					
API 42-317-40522		Surface Legal Location S- , SVY,		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date 9/4/2016	
				Ground Elevation (ft) 2,911	
				Original KB Elevation (ft) 2,936	
Job Summary					
Job Category DRILLING		Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00	
				Cum Field Est To Date (Cost) 1,514,071.98	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Original Hole		End Depth (ft, KB) 16,659.0	
				Progress (ft) 1647	
Weather CLEAR		Hole Condition GOOD		Daily Field Est Total (Cost) 60,255.06	
				Cum Time Log Days (days) 26.10	
		Drilling Hours (hr) 17.50		Avg ROP (ft/hr) 94.1	
Operations at Report Time					
ROTATE DRILL LATERAL AT 90 FPH					
Operations Summary					
ROTATE AND SLIDE DRILL LATERAL					
Operations Next Report Period					
CONTINUE TO ROTATE AND SLIDE DRILL LATERAL					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	12:00	6.00	DIRECTIONAL DRILL	DRL	2		15,012.0	15,677.0	SLIDE AND ROTATE DRILL LATERAL FROM 15012' TO 15677'= 665' @ 110' FPH 26 WOB, 540 GPM, 65 RPM
12:00	14:00	2.00	SURVEY	SUR	1		15,677.0	15,677.0	SURVEY AND CONNECTIONS
14:00	14:30	0.50	RIG SERVICE	RIG	1		15,677.0	15,677.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
14:30	21:30	7.00	DIRECTIONAL DRILL	DRL	2		15,677.0	16,247.0	SLIDE AND ROTATE DRILL LATERAL FROM 15677' TO 16247'= 570' @ 81' FPH 26 WOB, 540 GPM, 65 RPM
21:30	23:30	2.00	SURVEY	SUR	1		16,247.0	16,247.0	SURVEY AND CONNECTIONS
23:30	00:30	1.00	CIRCULATE/C ONDITION	CIRC	1		16,247.0	16,247.0	CIRCULATE 2 - 40 BBL HI-VIS SWEEPS WHILE RECIPROCATING PIPE FOR CLEAN UP CYCLE
00:30	01:00	0.50	DIRECTIONAL DRILL	DRL	2		16,247.0	16,300.0	SLIDE AND ROTATE DRILL LATERAL FROM 16247' TO 16300' = 53' @ 106' FPH 26 WOB, 540 GPM, 65 RPM
01:00	01:30	0.50	RIG SERVICE	RIG	1		16,300.0	16,300.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
01:30	05:30	4.00	DIRECTIONAL DRILL	DRL	2		16,300.0	16,659.0	SLIDE AND ROTATE DRILL LATERAL FROM 16300' TO 16659' = 359' @ 90' FPH 26 WOB, 540 GPM, 65 RPM
05:30	06:00	0.50	SURVEY	SUR	1		16,659.0	16,659.0	SURVEY AND CONNECTIONS

Head Count / Man Hours					
Company		Type		Employee Type	Count

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		
PRODUCTION CASING	5 1/2	19,678.0	-452.5			20.00		



Daily Partner Report

12/7/2016 06:00 - 12/8/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 28

DFS 17.0

Well Info

API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 1,594,958.87
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Original Hole	End Depth (ft, KB) 17,791.0	Progress (ft) 1132	Daily Field Est Total (Cost) 80,886.89
Weather OVERCAST	Hole Condition GOOD	Drilling Hours (hr) 14.50	Avg ROP (ft/hr) 78.1	Cum Time Log Days (days) 27.10

Operations at Report Time ROTATE DRILL LATERAL AT 90 FPH
Operations Summary CONTINUE TO ROTATE AND SLIDE DRILL LATERAL, DRILL STRING PRESSURED UP, CIRCULATE AND SLUG, TOH FOR PRESSURE INCREASE
Operations Next Report Period FINISH TOH, CHANGE MM AND BIT, TIH

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	13:30	7.50	DIRECTIONAL DRILL	DRL	2		16,659.0	17,302.0	SLIDE AND ROTATE DRILL LATERAL FROM 16659' TO 17302' = 643' @ 85.7' FPH 28 WOB, 540 GPM, 65 RPM
13:30	15:00	1.50	SURVEY	SUR	1		17,302.0	17,302.0	SURVEY AND CONNECTIONS
15:00	15:30	0.50	RIG SERVICE	RIG	1		17,302.0	17,302.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
15:30	22:30	7.00	DIRECTIONAL DRILL	DRL	2		17,302.0	17,791.0	SLIDE AND ROTATE DRILL LATERAL FROM 17302' TO 17791' = 489' @ 70.0' FPH 29 WOB, 540 GPM, 65 RPM
22:30	00:00	1.50	SURVEY	SUR	1		17,791.0	17,791.0	SURVEY AND CONNECTIONS
00:00	01:30	1.50	CIRCULATE/C ONDITION	CIRC	1		17,791.0	17,791.0	DRILL STRING PRESSURED UP AFTER SLIDE WHEN GOING BACK TO ROTATION, WORK STRING AND PUMP AT REDUCED RATE, BUILD AND PUMP SLUG
01:30	06:00	4.50	TRIP DUE TO FAILURE	TRP	13		17,791.0	17,791.0	TOH FOR PRESSURE INCREASE

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		
PRODUCTION CASING	5 1/2	19,678.0	-452.5			20.00		



Daily Partner Report

12/9/2016 06:00 - 12/10/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 30

DFS 19.0

Well Info

API 42-317-40522	Surface Legal Location S- , SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 1,729,847.05
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Sidetrack 1	End Depth (ft, KB) 17,564.0	Progress (ft) 194	Daily Field Est Total (Cost) 65,368.31
Weather CLEAR	Hole Condition GOOD	Drilling Hours (hr) 16.50	Avg ROP (ft/hr) 11.8	Cum Time Log Days (days) 29.10

Operations at Report Time
TRIPPING OUT FOR LATERAL ASSEMBLY

Operations Summary
TIME DRILL FOR SIDETRACK TO 17390', ROTATE AND SLIDE DRILL FOR SEPERATION FROM ORIGINAL TO 17564', CIRC AND SLUG, TOH FOR LATERAL BHA

Operations Next Report Period
CONTINUE TO ROTATE AND SLIDE DRILL LATERAL

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	18:00	12.00	SIDETRACKING	DRL	7	Sidetrack	17,370.0	17,390.0	TIME DRILL/SLIDE 20' FROM 17370' TO 17390' (1st 5' AT 5 MIN PER INCH, 2nd 5' AT 4 MIN PER INCH, 3rd 5' AT 3 MIN PER INCH, 4th 5' AT 2 MIN PER INCH)
18:00	22:30	4.50	SIDETRACKING	DRL	7	Sidetrack	17,390.0	17,564.0	SIDETRACK SLIDE AND ROTATE DRILL FROM 17390' TO 17564' = 174' @ 39' FPH 27K WOB, 540 GPM, 24 RPM
22:30	00:30	2.00	SURVEY	SUR	1		17,564.0	17,564.0	SURVEYS AND CONNECTIONS
00:30	01:00	0.50	CIRCULATE/CONDITION	CIRC	1		17,564.0	17,564.0	CIRCULATE AND SLUG PIPE FOR TRIP
01:00	06:00	5.00	TRIP	TRP	2		17,564.0	17,564.0	TRIP OUT OF HOLE TO PICK UP LATERAL BHA

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		
PRODUCTION CASING	5 1/2	19,680.0	-548.3			20.00		



Daily Partner Report

12/10/2016 06:00 - 12/11/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 31

DFS 20.0

Well Info					
API 42-317-40522		Surface Legal Location S- , SVY,		Division PERMIAN BASIN DIVISION	
				Field Name SPRABERRY	
County MARTIN		State TEXAS		Spud Date 9/4/2016	
				Ground Elevation (ft) 2,911	
				Original KB Elevation (ft) 2,936	
Job Summary					
Job Category DRILLING		Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00	
				Cum Field Est To Date (Cost) 1,791,303.96	
Daily Ops Summary					
RIG UNIT 103		Wellbore Name Sidetrack 1		End Depth (ft, KB) 17,984.0	
				Progress (ft) 420	
Weather CLEAR		Hole Condition GOOD		Daily Field Est Total (Cost) 61,456.91	
Drilling Hours (hr) 5.00		Avg ROP (ft/hr) 84.0		Cum Time Log Days (days) 30.10	
Operations at Report Time ROTATE DRILL LATERAL AT 150 FPH					
Operations Summary					
TOH FOR LATERAL BHA, CHANGE BHA, TIH, ORIENT FOR SIDETRACK HOLE ENTRY, WORK DNR ACROSS WINDOW, ROTATE AND SLIDE DRILL LATERAL					
Operations Next Report Period					
CONTINUE TO ROTATE AND SLIDE DRILL LATERAL					

Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:00	1.00	TRIP	TRP	2	Sidetrack	17,564.0	17,564.0	TRIP OUT OF HOLE TO PICK UP LATERAL BHA
07:00	09:00	2.00	TRIP	TRP	2	Sidetrack	17,564.0	17,564.0	CHANGE OUT DIR. TOOLS, SCRIBE & TEST SAME
09:00	13:00	4.00	TRIP	TRP	2	Sidetrack	17,564.0	17,564.0	TRIP IN, PICK UP AGITATOR, TEST & TRIP IN HOLE TO SHOE TEST PRESS BEFORE 600psi @ 80spm, AFTER 730psi @ 80spm
13:00	14:00	1.00	CUT DRILL LINE	RIG	6	Sidetrack	17,564.0	17,564.0	SLIP & CUT DRILLLINE
14:00	14:30	0.50	RIG SERVICE	RIG	1	Sidetrack	17,564.0	17,564.0	RIG SERVICE AND TOP DRIVE INSPECTIONS
14:30	18:00	3.50	TRIP	TRP	2	Sidetrack	17,564.0	17,564.0	TRIP IN HOLE TO 17350', TAKE 4 SURVEYS FOR SURCON
18:00	20:00	2.00	WASHING/REAMING	REAM	1	Sidetrack	17,564.0	17,564.0	ORIENT FOR ENTRY INTO SIDETRACK AND WASH TO 17564'
20:00	20:30	0.50	MISCELLANEOUS	OTH		Sidetrack	17,564.0	17,564.0	CHANGE ROTATING HEAD RUBBER
20:30	21:00	0.50	DIRECTIONAL DRILL	DRL	2	Sidetrack	17,564.0	17,613.0	ROTATE DRILL LATERAL FROM 17564' TO 17613' = 49' @ 98' FPH 26 WOB, 470 GPM, 65 RPM
21:00	21:30	0.50	SURVEY	SUR	1	Sidetrack	17,613.0	17,613.0	SURVEY AND CONNECTIONS, SPACE OUT JOINTS TO WORK DRILL-N-REAM THROUGH SIDETRACK WINDOW
21:30	22:30	1.00	WASHING/REAMING	REAM	1	Sidetrack	17,613.0	17,613.0	REAM AND BACKREAM FROM 17516' TO 17611' TO WORK DRILL-N-REAM THROUGH SIDETRACK WINDOW
22:30	23:30	1.00	DIRECTIONAL DRILL	DRL	2	Sidetrack	17,613.0	17,677.0	ROTATE AND SLIDE DRILL LATERAL FROM 17613' AND 17677' = 64' @ 64' FPH 26 WOB, 470 GPM, 65 RPM
23:30	00:00	0.50	SURVEY	SUR	1	Sidetrack	17,677.0	17,677.0	SURVEY AND CONNECTIONS
00:00	00:30	0.50	RIG SERVICE	RIG	1	Sidetrack	17,677.0	17,677.0	RIG SERVICE AND TOP DRIVE INSPECTION
00:30	04:00	3.50	DIRECTIONAL DRILL	DRL	2	Sidetrack	17,677.0	17,984.0	ROTATE AND SLIDE DRILL LATERAL FROM 17677' TO 17984' = 307' @ 88' FPH 26 WOB, 470 GPM, 65 RPM
04:00	06:00	2.00	SURVEY	SUR	1		17,984.0	17,984.0	SURVEY AND CONNECTIONS

Head Count / Man Hours					
Company		Type	Employee Type	Count	Reg Work Time (hr)

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		



Well Name: UNIVERSITY 7-0213 N 02SA

Report# 31

DFS 20.0

Casing Strings								
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
PRODUCTION CASING	5 1/2	19,680.0	-548.3			20.00		



Daily Partner Report

12/13/2016 06:00 - 12/14/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 34

DFS 23.0

Well Info

API 42-317-40522	Surface Legal Location S-, SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 9/4/2016
County MARTIN	State TEXAS	Ground Elevation (ft) 2,911	Original KB Elevation (ft) 2,936	

Job Summary

Job Category DRILLING	Last Casing String INTERMEDIATE CASING, 8,158.0ft, KB	JOB AFE AMOUNT (Cost) 2,581,200.00	Cum Field Est To Date (Cost) 1,980,061.45
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Daily Ops Summary

RIG UNIT 103	Wellbore Name Sidetrack 1	End Depth (ft, KB) 19,739.0	Progress (ft) 752	Daily Field Est Total (Cost) 55,647.38
Weather CLEAR	Hole Condition GOOD	Drilling Hours (hr) 8.00	Avg ROP (ft/hr) 94.0	Cum Time Log Days (days) 33.10

Operations at Report Time
TRIPPING IN HOLE WITH CLEAN OUT ASSY

Operations Summary
ROTATE AND SLIDE DRILL LATERAL TO 19739' TD. SWEEP AND CIRC HOLE CLEAN. TOH AND LD DIRECTIONAL TOOLS, PU CLEAN OUT ASSY, TIH

Operations Next Report Period
TIH, ENTER SIDETRACK AND WORK SAME, TIH AND WASH TO BOTTOM, CIRC AND TOH PAST SIDETRACK. LDDP (OR RACK BACK), RUN CASING

Time Log

Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	11:30	5.50	DIRECTIONAL DRILL	DRL	2		18,987.0	19,566.0	ROTATE AND SLIDE DRILL LATERAL FROM 18987' TO 19566' = 579' @ 105' FPH 28 WOB, 500 GPM, 50 RPM
11:30	14:00	2.50	SURVEY	SUR	1		19,566.0	19,566.0	SURVEY AND CONNECTIONS
14:00	14:30	0.50	RIG SERVICE	RIG	1		19,566.0	19,566.0	RIG SERVICE AND TOP DRIVE INSPECTION
14:30	17:00	2.50	DIRECTIONAL DRILL	DRL	2		19,566.0	19,739.0	ROTATE AND SLIDE DRILL LATERAL FROM 19566' TO 19739' = 173' @ 69' FPH 28 WOB, 500 GPM, 50 RPM
17:00	19:00	2.00	SURVEY	SUR	1		19,739.0	19,739.0	SURVEY AND CONNECTIONS
19:00	21:30	2.50	CIRCULATE/C ONDITION	CIRC	1		19,739.0	19,739.0	PUMP 2 - 40 BBLs SWEEPS AND CIRC BOTTOMS UP TILL HOLE CLEAN
21:30	03:00	5.50	TRIP	TRP	2		19,739.0	19,739.0	TRIP OUT TO PICK UP CLEAN OUT RUN BHA
03:00	04:30	1.50	TRIP	TRP	2		19,739.0	19,739.0	LAY DOWN BIT, UBHO AND MONELS, CLEAN FLOOR
04:30	05:00	0.50	TRIP	TRP	2		19,739.0	19,739.0	PU RR BIT #7, BIT SUB WITH NM-IBS AND DRILL-N-REAM
05:00	06:00	1.00	TRIP	TRP	2		19,739.0	19,739.0	TIH TO 1500'

Head Count / Man Hours

Company	Type	Employee Type	Count	Reg Work Time (hr)	Tot Work Time (hr)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00		
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50		
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00		
PRODUCTION CASING	5 1/2	19,734.0	-5.9			20.00		



Daily Partner Report

12/17/2016 06:00 - 12/18/2016 06:00

Well Name: UNIVERSITY 7-0213 N 02SA

Report# 38

DFS 27.0

Well Info									
API 42-317-40522		Surface Legal Location S- , SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		Spud Date 9/4/2016	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,911		Original KB Elevation (ft) 2,936			
Job Summary									
Job Category DRILLING		Last Casing String PRODUCTION CASING, 19,734.0ft, KB		JOB AFE AMOUNT (Cost) 2,581,200.00		Cum Field Est To Date (Cost) 2,591,445.58			
Daily Ops Summary									
RIG UNIT 103		Wellbore Name Sidetrack 1		End Depth (ft, KB) 19,739.0		Progress (ft) 0		Daily Field Est Total (Cost) 54,333.96	
Weather CLEAR		Hole Condition GOOD		Drilling Hours (hr)		Avg ROP (ft/hr)		Cum Time Log Days (days) 37.10	
Operations at Report Time WAIT ON DAYLIGHT									
Operations Summary RIG DOWN TOP DRIVE, CLEAN PITS AND READY RIG FOR TRUCKS, WAIT ON DAYLIGHT									
Operations Next Report Period RIG DOWN AND MOVE RIG									
Time Log									
Start Time	End Time	Dur (hr)	Activity	Code	Sub - Code	Unschd Type	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	18:00	12.00	CLEAN PITS	LOC	7		19,739.0	19,739.0	CLEAN MUD TANKS, DRYER SHAKERS, CELLARS AND HALF RACKS, RIG DOWN TOP DRIVE AND TRACK, RIG DOWN ON TOP DRIVE TRACK STOPPED DO TO HIGH WINDS READY RIG FOR TRUCKS
18:00	06:00	12.00	RIG UP/DOWN	LOC	4		19,739.0	19,739.0	WAIT ON DAYLIGHT
Head Count / Man Hours									
Company			Type		Employee Type		Count	Reg Work Time (hr)	Tot Work Time (hr)
Casing Strings									
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	Dens Fluid (lb/gal)	P LeakOff (psi)	
CONDUCTOR	20	105.0	25.0	8/2/2016	18.54	133.00			
SURFACE CASING	13 3/8	530.0	-5.0	9/5/2016		54.50			
INTERMEDIATE CASING	9 5/8	8,158.0	25.4	9/12/2016		40.00			
PRODUCTION CASING	5 1/2	19,734.0	-5.9	12/16/2016		20.00			