



Daily Drilling Partner Report 2

1/14/2021 00:00 - 1/14/2021 06:00

Well Name: UL 2539 W4 14MB

Report# 2

DFS 2.0

Well Info								
API 42-003-48227		Surface Legal Location S25-7 , UL SVY,		Division PERMIAN BASIN DIVISION		Field Name SPRABERRY		
County MARTIN		State TEXAS		Ground Elevation (ft) 2,947		Spud Date 12/7/2020		
Current KB to GL (ft) 21.00								
Daily Ops Summary								
RIG UNIT 408		Wellbore Name Original Hole		End Depth (ft, KB) 1,894.0		Progress (ft) 0		
Weather Clear		Hole Condition Good		Drilling Hours (hr)		Avg ROP (ft/hr)		
Operations at Report Time P/U INTERMEDIATE DIRECTIONAL ASSEMBLY								
Operations Summary WALK RIG AND CENTER OVER WELL, RIG UP AND NIPPLE UP AFTER WALK, TEST BOPE,INSTALL WEAR BUSHING, PRE SPUD INSPECTION, P/U DIRECTIONAL TOOLS,								
Operations Next Report Period TIH, DRILL OUT FLOAT EQUIPMENT, DRILL INTERMEDIATE, CIRCULATE AT TD, TOOH FOR CASING								
Time Log								
Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com	
00:00	01:00	1.00	MOVE RIG	P	1,894.0	1,894.0	PJSM, WALK RIG AND CENTER OVER WELL	
01:00	01:30	0.50	RIG UP/DOWN	P	1,894.0	1,894.0	RIG UP AFTER WALK AND PREP TO TEST	
01:30	02:00	0.50	NU/ND BOP	P	1,894.0	1,894.0	LOWER STACK, N/U AND TQ BOPE	
02:00	04:00	2.00	TEST BOP	P	1,894.0	1,894.0	PJSM, RIG UP TESTING TOOLS AND EQUIPMENT, TEST UPPER PIPES, BLIND RAMS, MUD CROSS, KILL CHECK VAVLES, HCR AND MANUAL HCR, CHOKE MANIFOLD, FLOOR AND TOP DRIVE VALVES TO 250 PSI LOW, 5000 PSI HIGH, TEST ANNULAR TO 250 PSI LOW AND 3500 PSI HIGH	
04:00	04:30	0.50	MISCELLANEOUS	P	1,894.0	1,894.0	INSTALL WEAR BUSHING, CLEAN AND CLEAR RIG FLOOR	
04:30	05:00	0.50	SAFETY MEETING	P	1,894.0	1,894.0	PRE SPUD SAFETY INSPECTION, CORRECT ACTION ITEMS FOUND	
05:00	06:00	1.00	PU/LD BHA	P	1,894.0	1,894.0	P/U DIRECTIONAL TOOLS, SCRIBE, ORIENT AND TEST SAME	
Casing Strings								
Csg Des		OD (in)	Set Depth (ft, KB)		Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR		16	101.0		21.0	2/25/2020	15.25	65.00
SURFACE CASING		11 3/4	1,873.4		21.0	12/8/2020	10.93	42.00



Daily Drilling Partner Report 2

1/14/2021 06:00 - 1/15/2021 06:00

Well Name: UL 2539 W4 14MB

Report# 3

DFS 3.0

Well Info							
API 42-003-48227		Surface Legal Location S25-7 , UL SVY,		Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 12/7/2020	
County MARTIN		State TEXAS		Ground Elevation (ft) 2,947		Current KB to GL (ft) 21.00	
Daily Ops Summary							
RIG UNIT 408		Wellbore Name Original Hole		End Depth (ft, KB) 5,869.0		Progress (ft) 3975	
Weather Clear		Hole Condition Good		Drilling Hours (hr) 11.00		Avg ROP (ft/hr) 361.4	
Operations at Report Time RIG UP CASING TOOLS							
Operations Summary FINISH PICKING UP BHA, TRIP IN HOLE TO FLOAT COLLAR, DRILL CEMENT AND FLOAT EQUIPMENT, DRILL INTERMEDIATE HOLE, CIRCULATE AT TD, TRIP OUT OF HOLE AND LAY DOWN 8" TOOLS, PULL WEAR BUSHING, RIG UP CASING TOOLS AND EQUIPMENT							
Operations Next Report Period RUN AND LAND INTEMEDIATE CASING, CIRCULATE AND CEMENT, SET AND TEST PACK OFF, CUT DRILL LINE, P/U DIRECTIONAL TOOLS, TRIP IN THE HOLE, DRILL OUT AND AHEAD IN VERTICAL SECTION							
Time Log							
Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	07:00	1.00	TRIP	P	1,894.0	1,894.0	PICK UP 2 8" DRILL COLLARS AND 3 HWDP, TRIP IN HOLE TO FLOAT COLLAR AT1,834'
07:00	08:00	1.00	DRILL CEMENT/EQUIPMENT	P	1,894.0	1,894.0	DRILL CEMENT AND FLOAT EQUIPMENT AND RAT HOLE FROM 1,834' TO 1,894'
08:00	19:00	11.00	DIRECTIONAL DRILL	P	1,894.0	5,869.0	ROTATE DRILL SLIDEING AS NEEDED FROM, 1,894' TO 5869' WITH 900 GPM, 153 MOTOR RPM, 60 SURFACE RPM, DIFF-650-1000 10 SLIDE 108' 2.0 HRS
19:00	23:00	4.00	SURVEY	P	5,869.0	5,869.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
23:00	00:30	1.50	CIRCULATE/CONDITION	P	5,869.0	5,869.0	CIRCULATE 2 X 80 BBLS SWEEPS SURFACE TO SURFACE AND 4 BOTTOMS UP
00:30	01:00	0.50	RIG SERVICE	P	5,869.0	5,869.0	RIG SERVICE AND TOP DRIVE INSPECTION, GREASE TOP DRIVE TRACK
01:00	04:00	3.00	TRIP	P	5,869.0	5,869.0	PULL 10 STANDS, WASH AND REAM FROM 5650-5562', PUMPS SLUG, BLOW DOWN MUD LINES AND RESUME TOOH
04:00	05:00	1.00	PU/LD BHA	P	5,869.0	5,869.0	L/D 8" DRILL COLLARS AND DIRECTIONAL TOOLS
05:00	05:30	0.50	MISCELLANEOUS	P	5,869.0	5,869.0	PULL WEAR BUSHING
05:30	06:00	0.50	RIG UP/DOWN CSG CREW	P	5,869.0	5,869.0	PJSM, RIG UP CASING TOOLS AND EQUIPMENT
Casing Strings							
Csg Des		OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR		16	101.0	21.0	2/25/2020	15.25	65.00
SURFACE CASING		11 3/4	1,873.4	21.0	12/8/2020	10.93	42.00



Daily Drilling Partner Report 2

1/15/2021 06:00 - 1/16/2021 06:00

Well Name: UL 2539 W4 14MB

Report# 4
DFS 4.0

Well Info					
API 42-003-48227		Surface Legal Location S25-7 , UL SVY,		Division PERMIAN BASIN DIVISION	Field Name SPRABERRY
County MARTIN		State TEXAS		Ground Elevation (ft) 2,947	Current KB to GL (ft) 21.00

Daily Ops Summary			
RIG UNIT 408		Wellbore Name Original Hole	End Depth (ft, KB) 7,398.0
Weather Clear		Hole Condition Good	Drilling Hours (hr) 6.00
			Progress (ft) 1529
			Avg ROP (ft/hr) 254.8

Operations at Report Time	
DRILLING VERTICAL SECTION	
Operations Summary	
RUN AND LAND INTERMEDIATE CASING, CIRCULATE AND CEMENT, SET AND TEST PACK OFF, P/U DIRECTIONAL TOOLS, TRIP IN THE HOLE,CUT DRILL LINE, RIG SERVICE DRILL OUT AND AHEAD IN VERTICAL SECTION	
Operations Next Report Period	
DRILL TO KOP, BUILD CURVE, ROTATE INTO LATERAL, SURVEYS AND CONNECTIONS, TRIP FOR LATERAL ASSEMBLY	

Time Log							
Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:30	0.50	RIG UP/DOWN CSG CREW	P	5,869.0	5,869.0	PJSM FINISH RIGGING UP CASING CREW
06:30	12:00	5.50	RUN CASING	P	5,869.0	5,869.0	RUN IN HOLE WITH 8 5/8" 32# J55 BTC CASING PICK UP TAG JOINT TAG BOTTOM LAY OUT TAG JOINT PICK UP HANGER AND LANDING JOINT AND LAND CASING
12:00	12:30	0.50	RIG UP/DOWN CEMENTERS	P	5,869.0	5,869.0	RIG DOWN CRT AND INSTALL CEMENT HEAD
12:30	13:30	1.00	CIRCULATE/CONDITION	P	5,869.0	5,869.0	CIRCULATE 1.5X CASING CAPACITY
13:30	16:00	2.50	CEMENTING	P	5,869.0	5,869.0	PJSM SWAP OVER TO HALLIBURTON TEST LINES TO 3000 PSI PUMP 20 BBLS GEL SPACER, PUMP LEAD CEMENT 398 BBLS AT 11.8ppg, PUMP TAIL CEMENT 91 BBLS AT 14.8 PPG, DROP PLUG AND PUMP 351 BBLS OF FRESH WATER DISPLACEMENT. PLUG BUMPED FLOATS HELD, FCP 1500 PSI PLUG BUMPED AT 2000 PSI, FULL RETURNS, 190 BBLS CEMENT TO SURFACE
16:00	16:30	0.50	PRESSURE TEST CASING	P	5,869.0	5,869.0	TEST CASING TO 1500 PSI FOR 30 MINUTES
16:30	17:00	0.50	RIG UP/DOWN CEMENTERS	P	5,869.0	5,869.0	RIG DOWN HALLIBURTON AND FLUSH SURFACE LINES
17:00	17:30	0.50	MISCELLANEOUS	P	5,869.0	5,869.0	PULL LANDING JOINT PICK UP PACK OFF, SET PACK OFF, TEST TO 5K FOR 15 MIN, PULL TEST 40K OVER
17:30	18:00	0.50	MISCELLANEOUS	P	5,869.0	5,869.0	SET WEAR BUSHING, CLEAN AND PREP FLOOR FOR BHA
18:00	18:30	0.50	PU/LD BHA	P	5,869.0	5,869.0	P/U DIRECTIONAL TOOLS, SCRIBE, ORIENT AND TEST SAME, MAKE UP BIT
18:30	20:30	2.00	TRIP	P	5,869.0	5,869.0	TRIP IN THE HOLE TO TOP OF SHOE, FILL AS NEEDED
20:30	21:30	1.00	CUT DRILL LINE	P	5,869.0	5,869.0	CUT AND SLIP DRILL LINE
21:30	22:00	0.50	RIG SERVICE	P	5,869.0	5,869.0	RIG SERVICE AND TOP DRIVE INPSECTION
22:00	22:30	0.50	DRILL CEMENT/EQUIPMENT	P	5,869.0	5,869.0	DRILL FLOAT COLLAR, CEMENT, FLOAT SHOE AND RATHOLE, 450 GPM, 15 TD RPM, 10-18K WOB, TQ LIMIT SET TO 6K (BUTRESS CASING)
22:30	04:30	6.00	DIRECTIONAL DRILL	P	5,869.0	7,398.0	DIRECTIONAL DRILL FROM 5869' TO 7398', 550-600 GPM, 30 TD RPM, 35-40K WOB, 550-800 DIFF
							1 SLIDE=8' FOR 4 MIN
04:30	06:00	1.50	SURVEY	P	7,398.0	7,398.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE

Casing Strings						
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	16	101.0	21.0	2/25/2020	15.25	65.00
SURFACE CASING	11 3/4	1,873.4	21.0	12/8/2020	10.93	42.00
INTERMEDIATE CASING	8 5/8	5,849.7	21.0	1/15/2021		32.00



Daily Drilling Partner Report 2

1/16/2021 06:00 - 1/17/2021 06:00

Well Name: UL 2539 W4 14MB

Report# 5
DFS 5.0

Well Info				
API 42-003-48227	Surface Legal Location S25-7 , UL SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 12/7/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,947	Current KB to GL (ft) 21.00	

Daily Ops Summary			
RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 9,963.0	Progress (ft) 2565
Weather Clear	Hole Condition Good	Drilling Hours (hr) 20.50	Avg ROP (ft/hr) 125.1

Operations at Report Time
DRILLING LATERAL WITH VERTICURVE ASSEMBLY

Operations Summary
DRILL VERTICAL TO KOP, KICK OFF AND BUILD CURVE, LAND CURVE AND CONTINUE DRILLING LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPSECTION

Operations Next Report Period
ROTARY AND SLIDE DRILL LATERAL, TOOH FOR LATERAL ASSEMBLY, CHANGE OUT DIRECTIONAL TOOLS, TIH W/ LATERAL ASSEMBLY, ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPSECTION

Time Log							
Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	10:00	4.00	DIRECTIONAL DRILL	P	7,398.0	8,250.0	DIRECTIONAL DRILL FROM 7,398' TO 8,250', 550-600 GPM, 30 TD RPM, 35-40K WOB, 550-800 DIFF 1 SLIDE=8' FOR 5 MIN
10:00	10:30	0.50	SURVEY	P	8,250.0	8,250.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
10:30	21:30	11.00	DIRECTIONAL DRILL	P	8,250.0	9,108.0	SLIDE DRILL BUILDING CURVE, ROTATE AS NEEDED FROM 8,250' TO 9,108' WITH 450-620 GPM, DIFF 450-750 DIFF
21:30	23:00	1.50	SURVEY	P	9,108.0	9,108.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
23:00	04:30	5.50	DIRECTIONAL DRILL	P	9,108.0	9,963.0	DIRECTIONAL DRILL LATERAL FROM 9,108'-9,963', 600 GPM, 30 TD RPM, 40-45K WOB, 550-750 DIFF, 4 SLIDES=76' FOR 1.0 HR
04:30	05:30	1.00	SURVEY	P	9,963.0	9,963.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
05:30	06:00	0.50	RIG SERVICE	P	9,963.0	9,963.0	RIG SERVICE AND TOP DRIVE INSPECTION

Casing Strings						
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	16	101.0	21.0	2/25/2020	15.25	65.00
SURFACE CASING	11 3/4	1,873.4	21.0	12/8/2020	10.93	42.00
INTERMEDIATE CASING	8 5/8	5,849.7	19.7	1/15/2021		32.00



Daily Drilling Partner Report 2

1/17/2021 06:00 - 1/18/2021 06:00

Well Name: UL 2539 W4 14MB

Report# 6

DFS 6.0

API 42-003-48227		Surface Legal Location S25-7 , UL SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 12/7/2020
County MARTIN		State TEXAS		Ground Elevation (ft) 2,947	Current KB to GL (ft) 21.00

RIG UNIT 408		Wellbore Name Original Hole	End Depth (ft, KB) 11,911.0	Progress (ft) 1948
Weather Clear		Hole Condition Good	Drilling Hours (hr) 10.00	Avg ROP (ft/hr) 194.8

Operations at Report Time
DRILLING LATERAL

Operations Summary
CONTINUE DRILLING LATERAL WITH VERTICURVE ASSEMBLY, TRIP OUT OF HOLE TO BHA, CHANGE OUT BHA SCRIBE AND SURFACE TEST TOOLS M/U BIT, TRIP IN HOLE, ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPSECTION

Operations Next Report Period
ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	13:30	7.50	DIRECTIONAL DRILL	P	9,963.0	11,197.0	DIRECTIONAL DRILL LATERAL FROM 9,963' TO 11,197', 600 GPM, 30 TD RPM, 40-45K WOB, 550-750 DIFF, 3 SLIDES=26' FOR .5 HRS
13:30	14:30	1.00	SURVEY	P	11,197.0	11,197.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
14:30	15:00	0.50	RIG SERVICE	P	11,197.0	11,197.0	RIG SERVICE AND TOP DRIVE INSPECTION
15:00	19:30	4.50	TRIP	P	11,197.0	11,197.0	PUMP TRIP SLUG AND TRIP OUT OF HOLE FOR LATERAL ASSEMBLY
19:30	21:00	1.50	PU/LD BHA	P	11,197.0	11,197.0	CHANGE OUT DIRECTIONAL TOOLS, SCRIBE, ORIENT AND TEST SAME, MAKE UP BIT
21:00	02:30	5.50	TRIP	P	11,197.0	11,197.0	TRIP IN THE HOLE WITH LATERAL ASSEMBLY, P/U AGITATOR AT 3994', TEST BEFORE AND AFTER AGITATOR AT 390 GPM, 180 PSI DROP ACROSS AGITATOR, CONTINUE TRIPPING IN THE HOLE, FILLING AS NEEDED, WASH AND REAM FROM 8394-8585,8913-9064 AND LAST 47' TO BOTTOM
02:30	05:00	2.50	DIRECTIONAL DRILL	P	11,197.0	11,911.0	DIRECTIONAL DRILL LATERAL FROM 11,197' TO 11,911', 600 GPM, 50-75 TD RPM, 35-42K WOB, 650-950 DIFF, 3 SLIDES = 49' FOR 1.0 HR
05:00	05:30	0.50	SURVEY	P	11,911.0	11,911.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
05:30	06:00	0.50	RIG SERVICE	P	11,911.0	11,911.0	RIG SERVICE AND TOP DRIVE INPSECTION

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	16	101.0	21.0	2/25/2020	15.25	65.00
SURFACE CASING	11 3/4	1,873.4	21.0	12/8/2020	10.93	42.00
INTERMEDIATE CASING	8 5/8	5,849.7	21.0	1/15/2021		32.00