



Daily Drilling Partner Report 2

9/12/2020 13:00 - 9/13/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 8

DFS 6.0

Well Info				
API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary			
RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 5,834.5	Progress (ft) 0
Weather	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)

Operations at Report Time
WALKING RIG TO NEW LOCATION

Operations Summary
RIG DOWN AND PREPARE FOR WALK, LOWER TOW ARM AND STOW IN DRAG LINK EXTENSION, WALK OFF OF MATS, BEGIN WALKING RIG (APPROX 500' TOTAL) SWAPED OUT 2 BAD HYD HOSES FOR WAILING SYSTEM , RIG DOWN ON BACK YARD, RIG DOWN 3RD PARTY EQUIPMENT, RESERVE PIT PUMPS, TANK FARM BERMS, OVERFLOW AND BYPASS LINES, BREAK EQUALIZERS ON PITS, DISCONNECT ELECTRIC, DRAIN WATER TANKS, REMOVE FLOW LINE FROM SUBSTRUCTURE AND RIG DOWN, LOWER SHAKER SKIDS, DISCONNECT AND BREAK DOWN PUMPS, ENSURE BACK YARD 100% TRUCK READY WHILE WALKING REMOVE CHOKE MANIFOLD (NEEDS RECERT) AND REPLACE WITH ONE FROM 410, R/U PUMPS AND PITS, READY CAMPS TO BE MOVED, CHANGE OUT 7 VALVES IN MUD TANKS, 90% RIGGED DOWN 20% MOVED 10% RIGGED UP

Operations Next Report Period
FINSIH WALKING RIG AND CENTER OVER HOLE, MOVE AND SET IN BACK YARD AND R/U

Time Log							
Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
13:00	06:00	17.00	RIG UP/DOWN	P	5,834.5	5,834.5	RIG DOWN AND PREPARE FOR WALK, LOWER TOW ARM AND STOW IN DRAG LINK EXTENSION, WALK OFF OF MATS, BEGIN WALKING RIG (APPROX 500' TOTAL) SWAPED OUT 2 BAD HYD HOSES FOR WAILING SYSTEM , RIG DOWN ON BACK YARD, RIG DOWN 3RD PARTY EQUIPMENT, RESERVE PIT PUMPS, TANK FARM BERMS, OVERFLOW AND BYPASS LINES, BREAK EQUALIZERS ON PITS, DISCONNECT ELECTRIC, DRAIN WATER TANKS, REMOVE FLOW LINE FROM SUBSTRUCTURE AND RIG DOWN, LOWER SHAKER SKIDS, DISCONNECT AND BREAK DOWN PUMPS, ENSURE BACK YARD 100% TRUCK READY WHILE WALKING REMOVE CHOKE MANIFOLD (NEEDS RECERT) AND REPLACE WITH ONE FROM 410, R/U PUMPS AND PITS, READY CAMPS TO BE MOVED, CHANGE OUT 7 VALVES IN MUD TANKS, 90% RIGGED DOWN 20% MOVED 10% RIGGED UP

Casing Strings						
Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/13/2020 06:00 - 9/14/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 9

DFS 7.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 5,834.5	Progress (ft) 0
Weather Partly Cloudy	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)

Operations at Report Time
CENTER RIG OVER HOLE / RIG UP

Operations Summary
CONTINUE TO WALK RIG TO NEW LOCATION, RIG DOWN AND MOVE DISTRIBUTION HOUSE, WATER TANKS, GEN PACKAGE, FUEL TANK, SOILIDS CONTROL EQUIPMENT, SET IN BACK YARD, GENERAL RIG UP (PULL ELECTRICAL, AIR, WATER), RUN WATER LINES, SET GROUNDING RODS, MOVE MAN CAMPS TO LOCATION, INSTALL OVERFLOW AND BYPASS LINES, RIG UP RESERVE PIT PUMPS, RUN WATER LINES, RIG UP FLARE LINES, INT CONTINUE GENERAL RIG (APPROX 675' FOR 24 HOURS) PERFORM RIG MAINTENANCE AND INSPECTIONS W/ UNIT MECHANICS WHILE WALKING RIG 24 HRS //100% RIGGED DOWN 95% MOVED 70% RIGGED UP 95% WALKED

Operations Next Report Period
CENTER RIG OVER WELL R/U TOW ARM, REMOVE BOP FROM SUB AND REPLACE WITH 410'S, SET IN WATER TANKS MUD FUEL TANK, CEMENT WATER TANKS, R/U STALLION EQUIPMENT , INSTALL FLOW LINE , STRING NEW DRILL LINE SPOOL AND GENERAL RIG UP

Time Log

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	06:00	24.00		P	5,834.5	5,834.5	CONTINUE TO WALK RIG TO NEW LOCATION, RIG DOWN AND MOVE DISTRIBUTION HOUSE, WATER TANKS, GEN PACKAGE, FUEL TANK, SOILIDS CONTROL EQUIPMENT, SET IN BACK YARD, GENERAL RIG UP (PULL ELECTRICAL, AIR, WATER), RUN WATER LINES, SET GROUNDING RODS, MOVE MAN CAMPS TO LOCATION, INSTALL OVERFLOW AND BYPASS LINES, RIG UP RESERVE PIT PUMPS, RUN WATER LINES, RIG UP FLARE LINES, INT CONTINUE GENERAL RIG (APPROX 675' FOR 24 HOURS) PERFORM RIG MAINTENANCE AND INSPECTIONS W/ UNIT MECHANICS WHILE WALKING RIG CHANGED SWABS IN BOTH MUD PUMPS, 24 HRS //100% RIGGED DOWN 95% MOVED 70% RIGGED UP 95% WALKED

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/14/2020 06:00 - 9/15/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 10

DFS 8.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 5,834.5	Progress (ft) 0
Weather Overcast	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)

Operations at Report Time
TEST CHOKE MANIFOLD AND WAIT ON BED TRUCK TO SWAP BOP OUT

Operations Summary
RIG UP VIBRATOR HOSE AT SUB AND TORQUE, CENTER RIG OVER WELL HEAD, SWING STRONG ARM AND HOOK LINES TO DOGHOUSE, UNSTRING DERRICK AND CHANGE OUT DRILLING LINE SPOOL, TORQUE DOG NUT AND ANCHOR CLAMP, UNHANG BLOCKS AND CALIBRATE (PREFORM BRAKE TEST, MECHANICS PERFORM DRAW-WORK INSPECTION AND CHANGED OIL IN DRAW-WORKS, CHANGE OUT TM-120 JAW ASSEMBLY, UNDRRESS OLD BOPS, INSTALL NEW FLOW LINE/OBRIT VALVE SECTION UNDER RIG F, SPOT CATWALK, (CHANGE OUT GEAR BOX ON #4 AGITATOR), PROP GUIDES, REPAIR SUCTION SCREEN BOX AND GUIDES, REPAIR MIXING PUMP DISCHARGE LINES, REPAIR #1 CHARGE PUMP SUCTION, HANG BOPE ON WINCHS, RIG UP FLOW LINE EXTENSIONS, ASSEMBLE BOP ADAPTOR SPOOL, BREAK BOP BETWEEN SPOOL AND DOUBLE GATE COULD NOT SEPERATE HAD WELDER CUT STUDS TO SEPERATE, BOLTS WERE RUSTED IN THE SPACER SPOOL, SET DOWN M/U DOUBLE GATE TO SPOOL AND CRADLE UP BOP TO GO BACK TO ORIGINAL BOP , WINCH TRUCK COULD NOT LIFT THE BOP WAIT ON ANOTHER WINCH TRUCK, BREAK OUT VALVES ON TOP DRIVE FOR LOAD PATH REMOVE AND INSTALL ACUATOR ON REBUILT VALVE REMOVE SWIVEL PACKING CLEAN UP FLOOR (PRESSURE TEST CHOKE MANIFOLD)

Operations Next Report Period
NIPPLE UP BOP TEST BOP, CHANGE OUT GRABBER LEG, P/U DIR TOOLS, P/U DP

Time Log

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	11:30	5.50	RIG UP/DOWN	P	5,834.5	5,834.5	RIG UP VIBRATOR HOSE AT SUB, TORQUE FLANGE, CENTER RIG OVER WELL HEAD, SWING STRONG ARM AND HOOK LINES TO DOGHOUSE, UNSTRING DERRICK AND PULL DRILLING LINE SPOOL FROM FLOOR WITH CRANE AND CHANGE OUT DRILLING LINE SPOOL DRILL LINE ON DRUM AND TORQUE DOG NUT AND ANCHOR CLAMP, UNHANG BLOCKS AND CALIBRATE (PREFORM BRAKE TEST, MECHANICS PERFORM DRAW-WORK INSPECTION AND CHANGED OIL IN DRAW-WORKS, CHANGE OUT TM-120 JAW ASSEMBLY
11:30	13:30	2.00	NU/ND BOP	P	5,834.5	5,834.5	UNDRRESS OLD BOPS, INSTALL NEW FLOW LINE/OBRIT VALVE SECTION UNDER RIG FLOOR, SPOT CATWALK, (CHANGE OUT GEAR BOX ON #4 AGITATOR), PROP GUIDES, REPAIR SUCTION SCREEN BOX, REPAIR SUCTION SCREEN GUIDES, REPAIR MIXING PUMP DISCHARGE LINES, REPAIR #1 CHARGE PUMP SUCTION
13:30	01:30	12.00	NU/ND BOP	P	5,834.5	5,834.5	HANG BOPE ON WINCHS, RIG UP FLOW LINE EXTENSIONS, ASSEMBLE BOP ADAPTOR SPOOL, BREAK BOP BETWEEN SPOOL AND DOUBLE GATE COULD NOT SEPERATE HAD WELDER CUT STUDS TO SEPERATE, BOLTS WERE RUSTED IN THE SPACER SPOOL, SET DOWN M/U DOUBLE GATE TO SPOOL AND CRADLE UP BOP TO GO BACK TO ORIGINAL BOP , WINCH TRUCK COULD NOT LIFT THE BOP WAIT ON ANOTHER WINCH TRUCK
01:30	06:00	4.50	MISCELLANEOUS	P	5,834.5	5,834.5	BREAK OUT VALVES ON TOP DRIVE FOR LOAD PATH REMOVE AND INSTALL ACUATOR ON REBUILT VALVE, REMOVE SWIVEL PACKING, CLEAN UP FLOOR FILL PITS WITH WATER (TEST CHOKE MANIFOLD)

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/15/2020 06:00 - 9/16/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 11

DFS 9.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 5,834.5	Progress (ft) 0
Weather Partly Cloudy	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)

Operations at Report Time
TESTING BOPS

Operations Summary
SWAP OUT BOPS WITH WINCH TRUCK AND HANG NEW BOP CONTINUE NIPPLEING UP BOP, INSTALL FLOW LINE, INSTALL CLAMPS ON TOP DRIVE SUBS, INSTALL SWIVEL PACKING, INSTALL FILL UP HOSES , HPJSM TEST BLIND RAMS ,BOP LEAKING @ BREAK BETWEEN MUD CROSS AND X/O SPOOL P/U STACK REPLACE RING GASKET SET STACK DOWN AND TORQUE AND ATTEMPT TO TEST BLIND RAMS FLANGE STILL LEAKING, SWAP CROSS OVER SPOOL OUT AND RETEST BLIND RAMS DID NOT TEST LEAKING THRU TEST PLUG TRIED SEVERAL TIMES FOUND THAT THIER IS A 11" TEST PLUG TO TEST AFTER INTEMETIATE STRING IS RAN BORROWED 11" TEST PLUG FROM RIG 413 , PIPE RAMS, ,INNER AND OUTER VALVES, TOP DRIVE VALVES TO 250 PSI LOW AND 5000 PSI HIGH AND ANNULAR TO 250 PSI LOW 3500 PSI HIGH

Operations Next Report Period
FINISH TEST BOPS, INSTALL WEAR BUSHING, P/U BHA AND DP,DRILL SHOE TRACK, DRILL

Time Log

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	20:00	14.00	NU/ND BOP	P	5,834.5	5,834.5	SWAP OUT BOPS WITH WINCH TRUCK AND HANG NEW BOP CONTINUE NIPPLEING UP BOP, INSTALL FLOW LINE, INSTALL CLAMPS ON TOP DRIVE SUBS, INSTALL SWIVEL PACKING, INSTALL FILL UP HOSES
20:00	06:00	10.00	TEST BOP	P	5,834.5	5,834.5	HPJSM TEST BLIND RAMS ,BOP LEAKING @ BREAK BETWEEN MUD CROSS AND X/O SPOOL P/U STACK REPLACE RING GASKET SET STACK DOWN AND TORQUE AND ATTEMPT TO TEST BLIND RAMS FLANGE STILL LEAKING, SWAP CROSS OVER SPOOL OUT AND RETEST BLIND RAMS DID NOT TEST LEAKING THRU TEST PLUG TRIED SEVERAL TIMES FOUND THAT THIER IS A 11" TEST PLUG TO TEST AFTER INTEMETIATE STRING IS RAN BORROWED 11" TEST PLUG FROM RIG 413 , PIPE RAMS, ,INNER AND OUTER VALVES, TOP DRIVE VALVES TO 250 PSI LOW AND 5000 PSI HIGH

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/16/2020 06:00 - 9/17/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 12

DFS 10.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 8,430.0	Progress (ft) 2596
Weather Partly Cloudy	Hole Condition Good	Drilling Hours (hr) 10.50	Avg ROP (ft/hr) 247.2

Operations at Report Time
DRILLING VERTICAL SECTION

Operations Summary
FINISH TESTING BOP, WASH AND CLEAN FLOOR, INSTALL WEAR BUSHING, CALIBRATE DRAWWORKS AND TM-120, PICK UP DIRECTIONAL TOOLS, PICK UP DRILL PIPE AND HEAVY WEIGHT, DRILL CEMENT AND FLOAT EQUIPMENT, ROTARY AND SLIDE DRILL VERTICAL SECTION

Operations Next Report Period
CONTINUE DRILLING TO KOP, KICK OFF AND BUILD CURVE, LAND CURVE AND ROTATE OUT APPROX 500' INTO LATERAL, CIRCULATE AND TOOH 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	07:00	1.00	TEST BOP	P	5,834.5	5,834.5	CONTINUE TESTING BOP TEST BLIND RAMS AND TIW VALVE 250psi LOW 5000psi HI, TEST ANNULAT TO 250psi LOW AND 3500psi HIGH, RIG DOWN TESTERS
07:00	07:30	0.50	MISCELLANEOUS	P	5,834.5	5,834.5	WASH AND CLEAR FLOOR FOR SAFETY
07:30	08:00	0.50	MISCELLANEOUS	P	5,834.5	5,834.5	INSTALL WEAR BUSHING
08:00	09:00	1.00	MISCELLANEOUS	P	5,834.5	5,834.5	CALIBRATE BLOCK POSITION & RESET TM-120 SETPOINTS
09:00	10:30	1.50	PU/LD BHA	P	5,834.5	5,834.5	PICK UP MOTOR, MWD AND NMDC, SCRIBE AND SURFACE TEST TOOLS, MAKE UP BIT
10:30	16:00	5.50	TRIP	P	5,834.5	5,834.5	PICK UP DRILL PIPE AND HEAVY WEIGHT DRILL PIPE TO 5,715', 1ST 20 JTS OF DRILL PIPE IN STRING ARE THERMAL SPRAY JOINTS WITH 3' BANDS, 30 MILL THICK
16:00	17:00	1.00	DRILL CEMENT/EQUIPMENT	P	5,834.5	5,834.5	DRILL CEMENT AND FLOAT EQUIPMENT FROM 5,715' TO 5,834.5'
17:00	03:30	10.50	DIRECTIONAL DRILL	P	5,834.5	8,430.0	DIRECTIONAL DRILL FROM 5,834.5' TO 8,430' WITH 550-620 GPM, 50 TD RPM 450-750 DIFF, 40-48K WOB 9 SLIDES=95' FOR 2.5 HRS
03:30	05:30	2.00	SURVEY	P	8,430.0	8,430.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
05:30	06:00	0.50	RIG SERVICE	P	8,430.0	8,430.0	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	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/17/2020 06:00 - 9/18/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 13

DFS 11.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 9,038.0	Progress (ft) 608
Weather Clear	Hole Condition Good	Drilling Hours (hr) 3.50	Avg ROP (ft/hr) 173.7

Operations at Report Time
TRIPPING IN THE HOLE WITH CURVE ASSEMBLY

Operations Summary
CONTINUE DRILLING TO KICK OFF POINT, START DRILLING CURVE, TROUBLE SHOOT PSI LOSS, TRIP OUT OF HOLE TWISTED OFF AT GAO SUB, STRAP AND READY FISHING TOOLS, MAKE UP BHA AND TRIP IN HOLE TO TOP OF FISH, FISH FOR LOST BHA, TOOH W/ FISH, FISH RETRIEVED, L/D FISH AND TOOLS, P/U CURVE ASSEMBLY, TIH W/ CURVE ASSEMBLY

Operations Next Report Period
TIH TO CASING SHOE, INSPECT DRILL LINE, POST JAR INSPECTION ON TOP DRIVE, ADJUST TM 120 JAW ALIGNMENT BOLTS, RIG SERVICE, CONTINUE TRIP IN THE HOLE, FILL AS NEEDED, BUILD CURVE, LAND SAME, CIRCULATE AND 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	08:00	2.00	DIRECTIONAL DRILL	P	8,430.0	8,920.0	DIRECTIONAL DRILL FROM 8,430' TO 8,920' WITH 550-620 GPM, 50 TD RPM 450-750 DIFF, 40-48K WOB 2 SLIDES=24' FOR .5 HRS
08:00	09:00	1.00	SURVEY	P	8,920.0	8,920.0	SURVEY AND CONNECTIONS
09:00	10:30	1.50	DIRECTIONAL DRILL	P	8,920.0	9,038.0	SLIDE DRILL BUILDING CURVE ROTATEING AS NEEDED FROM 8,920' TO 9,038' WITH 600 GPM, 174 MOTOR RPM DIFF- 400
10:30	11:00	0.50	MISCELLANEOUS	T	9,038.0	9,038.0	TROUBLE SHOOT PRESSURE LOSS. 840psi LOST. AFTER SLIDE DRILLER PICKED UP STRING AND BROKE OVER THEN ENGAGED ROTARY AT 50 RPM AND QUICKLY LOWERED TO 20 RPM MAX TORQ SEEN WAS 21K. WHILE DRILL STRING WAS LOWERED PSI LOSS OCCURED. MWD TOOL FLAT LINED
11:00	15:30	4.50	TRIP DUE TO FAILURE	T	9,038.0	9,038.0	TRIP OUT OF HOLE DUE TO PRESSURE LOSS. PULL NMDC GAP SUB PARTED 1.99' OF SUB LEFT ON NMDC. 63.99' FISH LEFT IN HOLE
15:30	16:30	1.00	FISHING	T	9,038.0	9,038.0	L/D REMAINING BHA, OD/ID AND STRAP FISHING TOOLS AND CROSS OVERS,
16:30	17:00	0.50	FISHING	T	9,038.0	9,038.0	MAKE UP FISHING TOOLS
17:00	20:00	3.00	FISHING	T	9,038.0	9,038.0	TRIP IN HOLE OPEN ENDED TO 8928'
20:00	20:30	0.50	FISHING	T	9,038.0	9,038.0	ESTABLISH CIRCULATION AT 450 GPM, NOT OFF BOTTOM PRESSURE OF 842 PSI, OBTAIN PICK UP AND SLACK OFF WEIGHTS, AS WELL AS OFF BOTTOM ROTARY TQ, WASH DOWN TO TOP OF FISH AT 8972', OBSERVE SLIGHT INCREASE IN DRAG UNTIL 8974 AND WEIGHT ON BIT INCREASED, PRESSURE INCREASED TO 1620 PSI BEFORE SHUTTING DOWN PUMPS, SLACKED OFF ONTO FISH AT TOTAL OF 172K STRING WEIGHT, P/U TO P/U WEIGHT AND SLACK OFF A SECOND TIME WITH 172K STRING WEIGHT ON FISH, P/U WITH A 10-20K INCREASE IN DRAG, ATTEMPT TO PUMP, STRING PRESSURING UP AND NOT CIRCULATING,
20:30	01:30	5.00	FISHING	T	9,038.0	9,038.0	TOOH, WORK AND JAR THROUGH TIGHT SPOT AT 8580', CONTINUE TOOH TO SURFACE AT REDUCED SPEED
01:30	03:00	1.50	LD FISH	T	9,038.0	9,038.0	FISH ON AND FULLY RECOVERED, ROTATE OFF GRAPPLE, L/D FISHING TOOLS,, L/D REMAINING GAP SUB AND MWD TOOL, DRAIN MOTOR, BREAK BIT, L/D BIT, MOTOR, UBHO AND NMDC
03:00	04:00	1.00	PU/LD BHA	P	9,038.0	9,038.0	CLEAR RIG FLOOR, P/U NEW CURVE ASSEMBLY, SCRIBE, MEASURE OFFSET AND TEST SAME, MAKE UP BIT
04:00	06:00	2.00	TRIP	P	9,038.0	9,038.0	TRIP IN THE HOLE WITH CURVE ASSEMBLY, INSTALL ROTATING HEAD ASSY, FILL AS NEEDED

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/18/2020 06:00 - 9/19/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 14

DFS 12.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 10,331.0	Progress (ft) 1293
Weather Clear	Hole Condition Good	Drilling Hours (hr) 11.00	Avg ROP (ft/hr) 117.5

Operations at Report Time
TRIPPING IN W/ LATERAL ASSEMBLY

Operations Summary
RIG SERVICE, SLIP AND CUT DRILL LINE, TRIP IN HOLE, WASH AND REAM TO BOTTOM, SLIDE DRILL CURVE ROTATEING AS NEEDED, CIRCULATE AND TRIP OUT OF HOLE, CHANGE OUT DIRECTIONAL TOOLS

Operations Next Report Period
TRIP IN HOLE W/ LATERAL ASSEMBLY, ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE ADN 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	06:30	0.50	RIG SERVICE	P	9,038.0	9,038.0	RIG SERVICE AND TOP DRIVE INSPECTION
06:30	07:30	1.00	CUT DRILL LINE	P	9,038.0	9,038.0	SLIP AND CUT DRILL LINE
07:30	09:30	2.00	TRIP	P	9,038.0	9,038.0	TRIP IN HOLE TO 9,000'
09:30	10:00	0.50	WASHING/REAMING	P	9,038.0	9,038.0	WASH AND REAM 38' TO BOTTOM
10:00	18:30	8.50	DIRECTIONAL DRILL	P	9,038.0	9,908.0	SLIDE DRILL BUILDING CURVE ROTATING AS NEEDED FROM 9,038' TO 9908' WITH 600 GPM, 174 MOTOR RPM, DIFF-300-450 20 SURFACE RPM
18:30	21:00	2.50	SURVEY	P	9,908.0	9,908.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
21:00	00:00	3.00	DIRECTIONAL DRILL	P	9,908.0	10,331.0	DIRECTIONAL DRILL LATERAL FROM 9908' TO 10331', 600 GPM, 20 TD RPM, 35-40K WOB, 450-650 DIFF 2 SLIDES=10' FOR 0.5 HR
00:00	00:30	0.50	SURVEY	P	10,331.0	10,331.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
00:30	01:00	0.50	CIRCULATE/CONDITION	P	10,331.0	10,331.0	CIRCULATE B/U AND SHAKERS CLEAN FOR TRIP
01:00	05:00	4.00	TRIP	P	10,331.0	10,331.0	TOOH ABOVE 8500', PUMP SLUG, CONTINUE TOOH TO SURFACE
05:00	06:00	1.00	PU/LD BHA	P	10,331.0	10,331.0	CHANGE OUT DIRECTIONAL TOOLS, SCRIBE, MEASURE OFFSET AND TEST SAME, MAKE UP BIT

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/19/2020 06:00 - 9/20/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 15

DFS 13.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 12,640.0	Progress (ft) 2309
Weather Clear	Hole Condition Good	Drilling Hours (hr) 10.50	Avg ROP (ft/hr) 219.9

Operations at Report Time
ROTARY DRILLING LATERAL

Operations Summary
FINISH P/U DIRECTIONAL TOOLS, TIH WASH AND REAM LAST JT TO BOTTOM, ROTARY AND SLIDE DRILL IN LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION, TOO H 2 STANDS, CHANGE HYDRAULIC IBOP, TIH 2 STANDS AND RESUME DRILLING

Operations Next Report Period
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	06:30	0.50	PU/LD BHA	P	10,331.0	10,331.0	FINISH PICKING UP BHA
06:30	11:30	5.00	TRIP	P	10,331.0	10,331.0	PICK UP 42 JOINTS OF DRILL PIPE AND TRIP IN HOLE TO 10,305' PICK UP 1.9 PLATE AGITATOR, BEFORE TEST 700psi TEST AFTER PICKING UP 850psi 150psi DROP AT 350 GPM
11:30	12:00	0.50	WASHING/REAMING	P	10,331.0	10,331.0	WASH AND REAM TO BOTTOM FROM 10,305' TO 10,331'
12:00	14:30	2.50	DIRECTIONAL DRILL	P	10,331.0	11,062.0	DIRECTIONAL DRILL FROM 10,331' TO 11,062' WITH 610 GPM, 176 MOTOR RPM, 60-70 SURFACE RPM, 800-900 DIFF 2 SLIDES= 23' FOR .5 HRS
14:30	15:30	1.00	SURVEY	P	11,062.0	11,062.0	SURVEY AND CONNECTIONS
15:30	20:00	4.50	MISCELLANEOUS	T	11,062.0	11,062.0	PULL 2 STANDS INSTALL PUMP IN SWEDGE REMOVE CLAMPS ON IBOP BREAK OUT PULL IBOP AND REBUILD WITH NEW VALVE AND REINSTALL IBOP,PRESSURE TEST TO 1500 PSI AND INSPECT, BACK REAM STAND TO ENSURE HOLE CLEAN, TIH W/ 2 STANDS FROM DERRICK
20:00	04:00	8.00	DIRECTIONAL DRILL	P	11,062.0	12,640.0	DIRECTIONAL DRILL FROM 11,062' TO 12,640' WITH 603 GPM, 174 MOTOR RPM, 60-70 TD RPM, 800-900 DIFF, 35-45K WOB 6 SLIDES= 78' FOR 2.5 HRS
04:00	05:30	1.50	SURVEY	P	12,640.0	12,640.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
05:30	06:00	0.50	RIG SERVICE	P	12,640.0	12,640.0	RIG SERVICE AND TOP DRIVE INPSECTION

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/20/2020 06:00 - 9/21/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 16

DFS 14.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 15,635.0	Progress (ft) 2995
Weather Clear	Hole Condition Good	Drilling Hours (hr) 18.50	Avg ROP (ft/hr) 161.9

Operations at Report Time
DIRECTIONAL DRILLING LATERAL

Operations Summary
ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION

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

Time Log

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	15:30	9.50	DIRECTIONAL DRILL	P	12,640.0	14,313.0	ROTATE DRILL SLIDING AS NEEDED DRILLING LATERAL FROM 12,640' TO 14,313' WITH 603 GPM, 174 MOTOR RPM, 60-70 TD RPM, 800-900 DIFF, 35-45K WOB SLIDES=5 42' FOR 1.5 HRS
15:30	17:30	2.00	SURVEY	P	14,313.0	14,313.0	SURVEY AND CONNECTIONS
17:30	18:00	0.50	RIG SERVICE	P	14,313.0	14,313.0	RIG SERVICE AND TOP DRIVE INSPECTION
18:00	03:00	9.00	DIRECTIONAL DRILL	P	14,313.0	15,635.0	DIRECTIONAL DRILL FROM 14,313' TO 15,635', 603 GPM, 55-75 TD RPM, 35-45K WOB, 450-950 DIFF 8 SLIDES=156' FOR 6.0 HRS
03:00	05:30	2.50	SURVEY	P	15,635.0	15,635.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
05:30	06:00	0.50	RIG SERVICE	P	15,635.0	15,635.0	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	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/21/2020 06:00 - 9/22/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 17

DFS 15.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 18,135.0	Progress (ft) 2500
Weather Clear	Hole Condition Good	Drilling Hours (hr) 17.50	Avg ROP (ft/hr) 142.9

Operations at Report Time
DIRECTIONAL DRILLING LATERAL

Operations Summary
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 INPSECTION

Time Log

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	15:30	9.50	DIRECTIONAL DRILL	P	15,635.0	17,121.0	DIRECTIONAL DRILL FROM 15,635' TO 17,121' GPM, 55-75 TD RPM, 35-45K WOB, 450-950 DIFF-600-700 8 SLIDES=93' FOR 1.5 HRS ACTIVATED ON DEMAND AGITATOR AT 15,791' PSI BEFORE ACTIVATING 1260 psi PSI AFTER ACTIVATING 1450psi 190psi DROP AT 350 GPM
15:30	17:30	2.00	SURVEY	P	17,121.0	17,121.0	SURVEY AND CONNECTIONS
17:30	18:00	0.50	RIG SERVICE	P	17,121.0	17,121.0	RIG SERVICE AND TOP DRIVE INSPECTION
18:00	22:30	4.50	DIRECTIONAL DRILL	P	17,121.0	17,787.0	DIRECTIONAL DRILL FROM 17,121' TO 17,787', 600 GPM, 55-75 TD RPM, 35-45K WOB, 450-1050 DIFF 4 SLIDES=46' FOR 2.5 HRS
22:30	00:30	2.00	SURVEY	P	17,787.0	17,787.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
00:30	02:30	2.00	DIRECTIONAL DRILL	P	17,787.0	17,921.0	DIRECTIONAL DRILL FROM 17,787' TO 17,921', 470 GPM, 65 TD RPM, 35-45K WOB, 450-1050 DIFF, DRILLING ON ONE MUD PUMP DUE TO WASHED SUCTION MODULE #3 ON #2 MUD PUMP, SWAPPED TO EM TOOL AT 17,881' AT 02:15 DUE TO MUD PULSE TOOL CONTINUOUSLY LOSING SYNC 2 SLIDES=46' FOR 1.5 HRS
02:30	03:30	1.00	SURVEY	P	17,921.0	17,921.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE, DOWNLINK EM TOOL ON DUE TO LOSS OF SYNC IN MUD PULSE WHILE DRILLING WITH ONE PUMP
03:30	04:00	0.50	SURVEY	P	18,135.0	18,135.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
04:00	05:30	1.50	DIRECTIONAL DRILL	P	17,921.0	18,135.0	DIRECTIONAL DRILL FROM 17,921' TO 18,135 600 GPM, 55-75 TD RPM, 35-45K WOB, 450-1050 DIFF 1 SLIDE=14' FOR 0.5 HR
05:30	06:00	0.50	RIG SERVICE	P	18,135.0	18,135.0	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	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00



Daily Drilling Partner Report 2

9/22/2020 06:00 - 9/23/2020 06:00

Well Name: **UL 2539 E16 08SC**

Report# 18

DFS 16.0

Well Info

API 42-003-48223	Surface Legal Location S25-7 , UL SVY ,	Division PERMIAN BASIN DIVISION	Field Name SPRABERRY	Spud Date 3/2/2020
County MARTIN	State TEXAS	Ground Elevation (ft) 2,938	Current KB to GL (ft) 21.00	

Daily Ops Summary

RIG UNIT 408	Wellbore Name Original Hole	End Depth (ft, KB) 20,922.0	Progress (ft) 2787
Weather Clear	Hole Condition Good	Drilling Hours (hr) 19.00	Avg ROP (ft/hr) 146.7

Operations at Report Time
DIRECTIONAL DRILLING LATERAL

Operations Summary
ROTARY AND SLIDE DRILL LATERAL, SURVEY AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INSPECTION

Operations Next Report Period
ROTARY AND SLIDE DRILL LATERAL, SURVEYS AND CONNECTIONS, RIG SERVICE AND TOP DRIVE INPSECTION. TD, CIRCULATE FOR TOOH

Time Log

Start Time	End Time	Dur (hr)	Activity	Ops Category	Start Depth (ft, KB)	End Depth (ft, KB)	Com
06:00	15:30	9.50	DIRECTIONAL DRILL	P	18,135.0	19,528.0	DIRECTIONAL DRILL FROM 18,135' TO 19,528' 600 GPM, 55-75 TD RPM, 35-45K WOB, 450-750 DIFF 7 SLIDES=76' FOR 3 HRS
15:30	17:30	2.00	SURVEY	P	19,528.0	19,528.0	SURVEY AND CONNECTIONS
17:30	18:00	0.50	RIG SERVICE	P	19,528.0	19,528.0	RIG SERVICE AND TOP DRIVE INSPECTION
18:00	03:30	9.50	DIRECTIONAL DRILL	P	19,528.0	20,922.0	DIRECTIONAL DRILL FROM 19,528' TO 20,922' 600 GPM, 55-75 TD RPM, 35-45K WOB, 450-750 DIFF 5 SLIDES=73' FOR 4 HRS
03:30	05:30	2.00	SURVEY	P	20,922.0	20,922.0	SURVEYS, CONNECTIONS AND ORIENT TOOL FACE
05:30	06:00	0.50	RIG SERVICE	P	20,922.0	20,922.0	RIG SERVICE AND TOP DRIVE INSPECTIONS

Casing Strings

Csg Des	OD (in)	Set Depth (ft, KB)	Top (ft, KB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)
CONDUCTOR	20	101.0	21.0	2/25/2020	18.54	133.00
SURFACE CASING	11 3/4	1,838.5	22.5	3/3/2020	10.72	42.00
INTERMEDIATE CASING	8 5/8	5,814.5	21.0	3/6/2020	7.79	32.00