



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 1/30/2023
Report #: 4
Actual Days: 2.92

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 0.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 549,973.17
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 76,053.00
Weather Partly Cloudy	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 1.65

Ops and Depth @ Morning Report

RIGGING DOWN, HOLE DEPTH @ 1,176' MD. 50% RIG DOWN 5% MOVED

Last 24hr Summary

RESUME OPERATIONS ON 1/30/2023 @ 00:00 CST, RIGGING DOWN & SCATTER LOADS, WAIT ON HAUL TRUCKS. 1 - CRAIN, 1 TANDEM, 1 FORKLIFT, 1 HSE, 16.5 HRS FROM PLUG DOWN. 88.5 MILE MOVE, \$ 278,000 BID.

24hr Forecast

RIG MOVE & SET IN, RIG UP ON UL 20 GOLD SPOON # 2901H.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
00:00	06:00	6.00	INTRM1	MOVE	DMOB	P	1,176.0	1,176.0	RESUME OPERATION ON 1-30-2023 @ 00:00 CST., RIGGING DOWN ON THE YEAH YEAH FED COM # 504H, RIG DOWN & SCATTER RIG TO BE READY FOR HAUL TRUCKS, 1 - CRAIN, 1 - TANDEM, 1 - FORKLIFT, 1 - HSE. *** 16.50 HRS FORM PLUG DOWN *** ***20 LOADS HAULED*** ***TRANSFERRED 2,000 GALLONS OF RIG DIESEL AND 0 GALLONS OF MUD DIESEL F/ YEAH YEAH FED COM # 504H TO THE UL 20 GOLDSPOON # 2901H WELL ***

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00

Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" _7/8 _4.0_1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)



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Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	-2.4	11/1/2022	9.88	45.50		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 1/30/2023
Report #: 5
Actual Days: 3.92

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PRIMARY	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 0.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 703,662.17
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 153,689.00
Weather Sleet	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 2.65

Ops and Depth @ Morning Report

FORCE MAJEURE WEATHER, HOLE DEPTH @ 1,176' MD. 100% RIG DOWN 5% MOVED

Last 24hr Summary

RIGGING DOWN, SPREAD OUT LOADS FOR HAUL TRUCKS, CLEAN & PREP FOR RIG MOVE, 1 - CRAIN, 1 TANDEM, 1 FORKLIFT, 1 HSE, 40.5 HRS FROM PLUG DOWN. 88.5 MILE MOVE, \$ 278,000 BID.

24hr Forecast

WAIT ON WEATHER SAFETY STOP DUE TO FROZEN ROAD CONDITIONS.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	18:00	12.00	INTRM1	MOVE	DMOB	P	1,176.0	1,176.0	RIG DOWN & SCATTER RIG TO BE READY FOR HAUL TRUCKS, LOAD UP HAUL TRUCKS & STOP WORK DUE TO COLD WET WEATHER / ROAD CONDITIONS, RIG DOWN & PREP RIG FOR LOAD OUT, WORK ON LOCATION WITH, 1 - CRAIN, 1 - TANDEM, 1 - POLE TRUCK, 1 - FORKLIFT, 1 - HSE, 20 HAUL TRUCKS TURNED AROUND. RIG MOVE TRUCKS COMPLETED SCATTER FOR HAUL TRUCKS. *** 40.50 HRS FORM PLUG DOWN *** *** 20 TOTAL LOADS HAULED *** *** STOP WORK DUE TO WEATHER / ROAD CONDITIONS @ 6 AM - 24 HRS ***
18:00	06:00	12.00	INTRM1	MOVE	DMOB	P	1,176.0	1,176.0	WASHING SKIDS & DERRICK, SECURING ALL EQUIPMENT FOR LOAD OUT. PREP ALL LOADS TO BE RIG MOVE READY. *** 40.50 HRS FORM PLUG DOWN *** *** 20 TOTAL LOADS HAULED *** *** STOP WORK DUE TO WEATHER / ROAD CONDITIONS @ 6 AM - 24 HRS ***

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00

Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 1/30/2023
Report #: 5
Actual Days: 3.92

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	-2.4	11/1/2022	9.88	45.50		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 1/31/2023
Report #: 6
Actual Days: 4.42

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 796,997.17
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 93,335.00
Weather Sleet	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 3.15

Ops and Depth @ Morning Report

FORCE MAJEURE WEATHER, HOLE DEPTH @ 1,176' MD. 100% RIG DOWN 5% MOVED

Last 24hr Summary

CLEAN & PREP FOR RIG MOVE, 1 - CRAIN, 1 TANDEM, 1 FORKLIFT, 1 HSE, 64.5 HRS FROM PLUG DOWN. 88.5 MILE MOVE, \$ 278,000 BID.

24hr Forecast

WAIT ON WEATHER SAFETY STOP DUE TO FROZEN ROAD CONDITIONS.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	18:00	12.00	INTRM1	MOVE	DMOB	P	1,176.0	1,176.0	WASHING SKIDS & DERRICK, SECURING ALL EQUIPMENT FOR LOAD OUT. PREP ALL LOADS TO BE RIG MOVE READY. CHECK ROAD CONDITIONS 3 AM, 6 AM, 9 AM, EXTENDED RIG MOVE SUSPENSION. RE-ASSESSMENT OF ROAD CONDITIONS WILL TAKE PLACE THROUGHOUT THE MORNING. *** 64.50 HRS FORM PLUG DOWN *** *** 20 TOTAL LOADS HAULED *** *** STOP WORK DUE TO WEATHER / ROAD CONDITIONS @ 6 AM - 48 HRS ***

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00

Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 _4.0_1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 1/31/2023
Report #: 6
Actual Days: 4.42

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/1/2023
Report #: 7
Actual Days: 5.92

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 890,332.17
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 93,335.00
Weather Overcast	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 4.65

Ops and Depth @ Morning Report

MIRU ON UL GOLD SPOON 2901H, HOLE DEPTH @ 1,176' MD. 100% RIGGED DOWN, 70% MOVED, 40% RIGGED UP

Last 24hr Summary

TRANSPORT 26 LOADS FROM YEAH YEAH PAD TO UL GOLD SPOON LOCATION, MIRU BACKYARD AND RIG SUB BASE. 2 - CRAIN'S, 1 TANDEM, 2 FORKLIFT, 1 HSE, 86.5 HRS FROM PLUG DOWN. 88.5 MILE MOVE, \$ 278,000 BID.

24hr Forecast

COMPLETE MOBILIZATION OF RIG TO GOLD SPOON PAD, CONTINUE STAGING IN AND RIGGING UP ON GOLD SPOON LOCATION.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	06:00	24.00	INTRM1	MOVE	DMOB	P	1,176.0	1,176.0	TRANSPORT 26 LOADS FROM YEAH YEAH PAD TO GOLD SPOON PAD, MIRU PITS, PUMPS, GEN PACKAGE, VFD HOUSE, MCC HOUSE, WATER TANK, AND RIG SUB BASE STARTER BRACE. *** 86.50 HRS FORM PLUG DOWN *** *** 46 TOTAL LOADS HAULED *** *** STOP WORK DUE TO WEATHER / ROAD CONDITIONS @ 8 AM - 50 HRS, RIG MOVE OPERATIONS RESUMED @ 08:00 CST ON 02/01/23 ***

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00

Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 _4.0_1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/1/2023
Report #: 7
Actual Days: 5.92

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50		

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 976,525.17
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 129,248.00
Weather Partly Cloudy	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 5.60

Ops and Depth @ Morning Report

RIGGING UP, HOLE DEPTH @ 1,176' MD. 100% MOVED, 90% RIGGED UP

Last 24hr Summary

TRANSPORT 30 LOADS FROM YEAH YEAH PAD TO UL GOLD SPOON LOCATION, MIRU BACKYARD AND RIG SUB BASE. 2 - CRAIN'S, 1 TANDEM, 2 FORKLIFT, 1 HSE, 110.5 HRS FROM PLUG DOWN. 88.5 MILE MOVE, \$ 278,000 BID.

24hr Forecast

CONTINUE RIGGING UP RIG FLOOR, SOLIDS CONTROL EQUIPMENT AND MISC. RIG EQUIPMENT. LOAD OUT DRILLING FLUID FRAC TANKS AND WATER TANKS, BEGIN CIRCULATING PITS AND RIG WATER SYSTEM, NIPPLE UP BOPE AND TEST SAME WHILE STAGING OUT DIRECTIONAL BHA, DC'S AND HWDP.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	06:00	24.00	MIRU	MOVE	MOB	P	1,176.0	1,176.0	TRANSPORT 30 LOADS FROM YEAH YEAH PAD TO GOLD SPOON PAD, MIRU RIG SUB STRUCTURE, SKID PACKAGE, FLOW LINE SKID PACKAGE, SOLIDS CONTROL EQUIPMENT, SET PIN AND RAISE DERRICK, RIG UP ALL ELECTRICAL TO RIG FLOOR AND DERRICK, SPOT IN AND R/U RIG AND 3RD PARTY LIVING QUARTERS INCLUDING WATER AND SEWER. *** 110.50 HRS FORM PLUG DOWN *** *** 76 TOTAL LOADS HAULED, 100% MOVED ***


Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00


Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
INTEGRITY MOTOR 8" 7/8 _4.0_1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/2/2023
Report #: 8
Actual Days: 6.88

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50		

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 1,121,620.93
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 145,095.76
Weather Partly Cloudy	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 0.17

Ops and Depth @ Morning Report

TESTING BOPE, HOLE DEPTH @ 1,176' MD. 100% RIGGED UP

Last 24hr Summary

CONTINUE RIG UP ON THE UL 20 GOLD SPOON 2901H WELL. NIPPLE UP AND TEST BOPE.

NIPPLE UP 10K BOP ON THE UL 20 GOLD SPOON 2901H WELL ON 2/4/22 @ 02:00 HRS CST

24hr Forecast

INSTAL WEAR BUSHING, PICK UP 8 3/4" DIRECTIONAL BHA, P/U DRILL COLLARS AND HWDP. DRILL FLOAT EQUIPMENT AND 10' NEW FORMATION T/ 1,186'. PERFORM FIT TO EMW OF 16.5 PPG. DRILL AHEAD IN 8-3/4 VERTICAL SECTION

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	02:00	20.00	INTRM1	WHDBOP	NUND	P	1,176.0	1,176.0	HELD PJSM W/ H&P 625, ALLEGIAN BOP NIPPLE UP AND TEST CREW, & STREAM FLOW. SET B.O.P.E, INSTALL FLOWLINE, CHOKE LINE, CENTER B.O.P.E, INSTALL TURNBUCKLES, FILL UP LINE, PRESSURE UP ACCUMULATOR, & FUNCTION B.O.P.E **NIPPLE UP 10K BOP ON THE UL GOLD SPOON 2901H WELL ON 2/4/22 @ 02:00 HRS CST**
02:00	06:00	4.00	INTRM1	WHDBOP	BOPE	P	1,176.0	1,176.0	HELD JSM W/H&P RIG CREW & ALLEGIAN TESTER, TEST B.O.P.E AS FOLLOWS ACUMMULATOR DRAW DOWN, ANNULAR 250 PSI LOW 2,500 PSI HIGH, UPPER, LOWER RAMS, BLIND RAMS 250 PSI LOW 5,000 PSI HIGH, BLIND RAMS, CHOKE MANIFOLD 250 PSI LOW 5,000 PSI HIGH, STANDPIPE AND MUD LINES 250 PSI LOW 5,000 PSI HIGH, FLOOR VALVES(TIW & DART) 250 PSI LOW 5,000 PSI HIGH.


Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00


Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/3/2023
Report #: 9
Actual Days: 7.88

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/4/2023
Report #: 10
Actual Days: 8.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 1,190,065.43
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 1,176.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 68,444.50
Weather	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 1.17

Ops and Depth @ Morning Report

REPAIRING DRAW WORKS ELECTRICAL ISSUES, HOLE DEPTH @ 1,176' MD

Last 24hr Summary

CONTINUE TESTING BOPE WHILE RIGGING UP ON THE UL 20 GOLD SPOON 2901H WELL, RIG UP ADS MPD EQUIPMENT, INSTALL WEAR BUSHING, PICK UP DIRECTIONAL BHA. TROUBLE SHOOT AND REPAIR DRAW WORKS ELECTRICAL ISSUES.

TRRC NOTIFIED OF INTENT TO SPUD ON 02/04/23 @ 01:00 CST, TRRC REP- CHRISTINA #16

24hr Forecast

COMPLETE DRAW WORKS REPAIR, P/U DRILL COLLARS, HWDP, AND DP T/ 11,030'. DRILL FLOAT EQUIPMENT AND 10' NEW FORMATION T/ 1,186'. FIT TO EMW OF 16.5 PPG, BEGIN DRILLING 8 3/4" VERTICAL.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	10:00	4.00	INTRM1	WHDBOP	BOPE	P	1,176.0	1,176.0	CONTINUE TESTING BOP EQUIPMENT AS FOLLOWS: ANNULAR 250 PSI LOW 2,500 PSI HIGH, UPPER, LOWER RAMS, BLIND RAMS 250 PSI LOW 5,000 PSI HIGH, BLIND RAMS.
10:00	10:30	0.50	INTRM1	WHDBOP	WBPL	P	1,176.0	1,176.0	RIG UP ELEVATORS AND INSTALL WEAR BUSHING.
10:30	15:00	4.50	INTRM1	WHDBOP	BOPE	P	1,176.0	1,176.0	RIG UP ADS MPD EQUIPMENT INCLUDING ORBIT VALVES, DIVERTER LINES, AND EQUALIZER LINES. STAGE BHA, SET UP RACKS AND STRAP DRILL PIPE, INSTALL MOUSE HOLE. WORK ON TDS HPU PUMP.
15:00	16:30	1.50	INTRM1	WHDBOP	BHAH	P	1,176.0	1,176.0	PICK UP 8 3/4" DIRECTIONAL ASSEMBLY AS FOLLOWS: NOV REED TKC66-AT4, 7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF, 8 5/8" BLAIR TOOLS ROLLER REAMER, UBHO, (2) NON MAG DRILL COLLARS, AND FLOAT SUB. SCRIBE AND TEST MOTOR / MWD. (GOOD TEST)
16:30	06:00	13.50	INTRM1	WHDBOP	PULD	T	1,176.0	1,176.0	TROUBLE SHOOT AND REPAIR DRAW WORKS ELECTRICAL ISSUES, CLEAN ALL PLUGS AND RECEPTACLE'S, REPLACE ENCODER COM CABLES FROM DRAW WORKS TO JUMPER BOX AND JUMPER BOX TO CABLE TRAY. ISSUE STILL PRESENT AFTER CABLE REPLACEMENT. FABRICATE 200' ENCODER CABLE TO REMOVE JUMPER CABLES AND JUNCTION BOXES FROM COMMUNICATION PATH BETWEEN DRAW WORKS AND VFD HOUSE. ***TRRC NOTIFIED OF INTENT TO SPUD ON 02/04/23 @ 01:00 CST, TRRC REP- CHRISTINA #16***



Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00






Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00						

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/5/2023
Report #: 11
Actual Days: 9.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 1,490,175.43
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 5,455.0	Depth Progress (ft) 4,279.00	Daily Cost Total (Cost) 97,269.00
Weather Partly Cloudy	Hole Condition GOOD	Drilling Hours (hr) 14.75	Avg ROP (ft/hr) 290.1	Cum TL Days from Spud (...) 1.21

Ops and Depth @ Morning Report

DRILLING 8-3/4" VERTICAL @ 5,455' MD.

Last 24hr Summary

FINISH BOP TEST, INSTALL WEAR BUSHING, PICK UP DIRECTIONAL BHA, PICK UP DRILL COLLARS, HWDP, AND DP, DRILL OUT FLOAT EQUIPMENT AND 10' NEW FORMATION, FIT TO EMW OF 16.5 PPG, DRILL 8 3/4" VERTICAL T/ 5,455'.

24hr Forecast

CONTINUE DRILLING 8 3/4" VERTICAL.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	09:30	3.50	INTRM1	WHDBOP	BOPE	P	1,176.0	1,176.0	HELD JSM W/H&P RIG CREW & ALLEGiant TESTER, TEST B.O.P.E AS FOLLOWS ACUMMULATOR DRAW DOWN, ANNULAR 250 PSI LOW 2,500 PSI HIGH, UPPER, LOWER RAMS, BLIND RAMS 250 PSI LOW 5,000 PSI HIGH, BLIND RAMS, CHOKE MANIFOLD 250 PSI LOW 5,000 PSI HIGH, STANDPIPE AND MUD LINES 250 PSI LOW 5,000 PSI HIGH, FLOOR VALVES(TIW & DART) 250 PSI LOW 5,000 PSI HIGH.
09:30	10:00	0.50	INTRM1	WHDBOP	WBPL	P	1,176.0	1,176.0	RIG UP ELEVATORS AND INSTALL WEAR BUSHING. STAGE BHA, SET UP RACKS AND STRAP DRILL PIPE, INSTALL MOUSE HOLE.
10:00	11:30	1.50	INTRM1	WHDBOP	BHAH	P	1,176.0	1,176.0	PICK UP 8 3/4" DIRECTIONAL ASSEMBLY AS FOLLOWS: NOV REED TKC66-AT4, 7" INTREPID 7/8 6.9S 1.75" FBH W/ 8.25" NBS, BFF, 8 5/8" BLAIR TOOLS ROLLER REAMER, UBHO, (2) NON MAG DRILL COLLARS, AND FLOAT SUB. SCRIBE AND TEST MOTOR / MWD. (GOOD TEST)
11:30	14:15	2.75	INTRM1	WHDBOP	PULD	P	1,176.0	1,176.0	PICK UP 7 1/2" DRILL COLLARS, 5 1/2" HWDP, AND 4 1/2" DRILL PIPE T/ 1,135'. TAG FLOAT COLLAR. (CHANGE OUT DIE BLOCKS IN TDS)
14:15	15:15	1.00	INTRM1	WHDBOP	COCF	P	1,176.0	1,176.0	DRILL FLOAT COLLAR AND SHOE TRACK T/ 1,176'. WOB 10K, DIFF 150, GPM 450, RPM 30, OFF BTM SPP 1,200 PSI, TQ 5K.
15:15	15:30	0.25	INTRM1	WHDBOP	DRLG	P	1,176.0	1,186.0	DRILL 8 3/4" VERTICAL F/ 1,176' T/ 1,186'. (10' @ 40 FPH) WOB 10K, DIFF 250, GPM 450, RPM 30, OFF BTM SPP 1,200 PSI, TQ 5K.
									START 8 3/4" VERTICAL @ 1,176' MD ON 2/5/23 @ 15:15 HRS CST
15:30	15:45	0.25	INTRM1	WHDBOP	CIRC	P	1,186.0	1,186.0	CIRCULATE HOLE CLEAN PRIOR TO FIT. 10.0 PPG MUD WT IN / OUT.
15:45	16:00	0.25	INTRM1	WHDBOP	FIT	P	1,186.0	1,186.0	FIT TO EMW OF 16.5 PPG. 400 PSI HELD WITH NO LEAK OFF.
16:00	17:30	1.50	INTRM1	DRILL	DRLG	P	1,186.0	1,778.0	DRILL 8 3/4" VERTICAL F/ 1,186' T/ 1,778'. (592' @ 394 FPH) WOB 55K, DIFF 700, GPM 700, RPM 70, OFF BTM SPP 2,150 PSI, TQ 10K.
17:30	17:45	0.25	INTRM1	DRILL	DDRL	P	1,778.0	1,818.0	SLIDE DRILL 8 3/4" VERTICAL F/ 1,778' T/ 1,818'. (40' @ 160 FPH) WOB 15K, DIFF 250, GPM 700, OFF BTM SPP 2,150 PSI, MTF 180°.
17:45	18:15	0.50	INTRM1	DRILL	DRLG	P	1,818.0	1,966.0	DRILL 8 3/4" VERTICAL F/ 1,818' T/ 1,866'. (148' @ 296 FPH) WOB 55K, DIFF 700, GPM 700, RPM 70, OFF BTM SPP 2,200 PSI, TQ 11K.
18:15	18:30	0.25	INTRM1	DRILL	DDRL	P	1,966.0	1,993.0	SLIDE DRILL 8 3/4" VERTICAL F/ 1,966' T/ 1,993'. (27' @ 108 FPH) WOB 20K, DIFF 350, GPM 700, OFF BTM SPP 2,200 PSI, MTF 180°.
18:30	19:45	1.25	INTRM1	DRILL	DRLG	P	1,993.0	2,469.0	DRILL 8 3/4" VERTICAL F/ 1,993' T/ 2,469'. (476' @ 381 FPH) WOB 60K, DIFF 850, GPM 700, RPM 70, OFF BTM SPP 2,200 PSI, TQ 11K.
19:45	20:00	0.25	INTRM1	DRILL	DDRL	P	2,469.0	2,509.0	SLIDE DRILL 8 3/4" VERTICAL F/ 2,469' T/ 2,509'. (40' @ 160 FPH) WOB 20K, DIFF 350, GPM 700, OFF BTM SPP 2,100 PSI, MTF 180°.
20:00	21:00	1.00	INTRM1	DRILL	DRLG	P	2,509.0	2,854.0	DRILL 8 3/4" VERTICAL F/ 2,509' T/ 2,854'. (345' @ 345 FPH) WOB 65K, DIFF 850, GPM 700, RPM 70, OFF BTM SPP 2,150 PSI, TQ 12K.
21:00	21:15	0.25	INTRM1	DRILL	DDRL	P	2,854.0	2,894.0	SLIDE DRILL 8 3/4" VERTICAL F/ 2,854' T/ 2,894'. (40' @ 160 FPH) WOB 20K, DIFF 350, GPM 700, OFF BTM SPP 2,100 PSI, MTF 180°.
21:15	01:00	3.75	INTRM1	DRILL	DRLG	P	2,894.0	4,224.0	DRILL 8 3/4" VERTICAL F/ 2,894' T/ 4,224'. (1330' @ 355 FPH) WOB 65K, DIFF 950, GPM 640, RPM 70, OFF BTM SPP 2,875 PSI, TQ 12-15K.
01:00	01:30	0.50	INTRM1	DRILL	DDRL	P	4,224.0	4,278.0	SLIDE DRILL 8 3/4" VERTICAL F/ 4,224' T/ 4,278'. (54' @ 108 FPH) WOB 20K, DIFF 350, GPM 640, OFF BTM SPP 2,875 PSI, MTF 240°.
01:30	02:15	0.75	INTRM1	DRILL	DRLG	P	4,278.0	4,519.0	DRILL 8 3/4" VERTICAL F/ 4,278' T/ 4,519'. (241' @ 321 FPH) WOB 65K, DIFF 950, GPM 640, RPM 70, OFF BTM SPP 2,875 PSI, TQ 12-15K.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
02:15	02:45	0.50	INTRM1	DRILL	DDRL	P	4,519.0	4,562.0	SLIDE DRILL 8 3/4" VERTICAL F/ 4,519' T/ 4,562'. (40' @ 80 FPH) WOB 20K, DIFF 350, GPM 640, OFF BTM SPP 2,875 PSI, MTF 280°.
02:45	04:00	1.25	INTRM1	DRILL	DRLG	P	4,562.0	4,990.0	DRILL 8 3/4" VERTICAL F/ 4,562' T/ 4,990'. (428' @ 342 FPH) WOB 65K, DIFF 1000, GPM 640, RPM 70, OFF BTM SPP 3,050 PSI, TQ 12-15K.
04:00	04:15	0.25	INTRM1	DRILL	DDRL	P	4,990.0	5,020.0	SLIDE DRILL 8 3/4" VERTICAL F/ 4,990' T/ 5,020'. (30' @ 120 FPH) WOB 25K, DIFF 350, GPM 640, OFF BTM SPP 3,050 PSI, MTF 330°.
04:15	06:00	1.75	INTRM1	DRILL	DRLG	P	5,020.0	5,455.0	DRILL 8 3/4" VERTICAL F/ 5,020' T/ 5,455'. (435' @ 249 FPH) WOB 65K, DIFF 1000, GPM 640, RPM 70, OFF BTM SPP 3,050 PSI, TQ 12-15K.



Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00






Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00						

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
1,176.0	1,447.0	271.00	3.00	3.00	90.3	700	25	0	3,500.0	0.0	180	350.0



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/5/2023
Report #: 11
Actual Days: 9.88

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
1,447.0	5,455.0	4,279.00	11.75	0.00	341.1	1,000	65	80	4,050.0	15.0		350.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/6/2023
Report #: 12
Actual Days: 10.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 1,553,701.43
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 8,567.0	Depth Progress (ft) 3,112.00	Daily Cost Total (Cost) 75,392.00
Weather Blowing dust	Hole Condition GOOD	Drilling Hours (hr) 13.25	Avg ROP (ft/hr) 234.9	Cum TL Days from Spud (...) 2.21

Ops and Depth @ Morning Report

CHANGE OUT DIRECTIONAL BHA. 8 3/4" VERTICAL @ 8,567'.

Last 24hr Summary

DRILL 8 3/4" VERTICAL F/ 5,455 T/ 8,567', CIRCULATE HOLE CLEAN, TOH FOR OFF BTM SPP INCREASE , CHANGE OUT BHA, WAIT ON ELECTRICIAN FOR TDS REPAIR.

24hr Forecast

COMPLETE TRIP TO BOTTOM, CONTINUE DRILLING 8 3/4" VERTICAL TO SECTION TD.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	15:00	9.00	INTRM1	DRILL	DRLG	P	5,455.0	7,430.0	DRILL 8 3/4" VERTICAL F/ 5,455' T/ 7,430'. (1,975' @ 219 FPH) WOB 65K, DIFF 1,050, GPM 440, RPM 70, OFF BTM SPP 1,550 PSI, TQ 18K. **ONLY ABLE TO DRILL ON 1 MUD PUMP DUE TO ELECTRICAL ISSUES ON ONE AND A WASHED MODULE ON THE OTHER**
15:00	15:30	0.50	INTRM1	DRILL	CIRC	P	7,430.0	7,430.0	REPROGRAM MWD TO SLOWER PULSE WIDTH. CYCLE PUMPS.
15:30	16:15	0.75	INTRM1	DRILL	DRLG	P	7,430.0	7,620.0	DRILL 8 3/4" VERTICAL F/ 7,430' T/ 7,620'. (190' @ 253 FPH) WOB 65K, DIFF 1,100, GPM 440, RPM 70, OFF BTM SPP 1,650 PSI, TQ 20K. **ONLY ABLE TO DRILL ON 1 MUD PUMP DUE TO ELECTRICAL ISSUES ON ONE AND A WASHED MODULE ON THE OTHER**
16:15	16:30	0.25	INTRM1	DRILL	CIRC	P	7,620.0	7,620.0	CYCLE PUMPS FOR MWD 2X.
16:30	17:00	0.50	INTRM1	DRILL	SVRG	P	7,620.0	7,620.0	SERVICE RIG AND TOP DRIVE. WORK ON MUD PUMPS.
17:00	20:30	3.50	INTRM1	DRILL	DRLG	P	7,620.0	8,567.0	DRILL 8 3/4" VERTICAL F/ 7,620' T/ 8,567'. (947' @ 237 FPH) WOB 90K, DIFF 1,300, GPM 700, RPM 70, OFF BTM SPP 3,300 PSI, TQ 23K.
20:30	21:30	1.00	INTRM1	DRILL	CIRC	T	8,567.0	8,567.0	WHILE DRILLING AHEAD IN OUR 8-3/4" VERTICAL SECTION @ 8,567' MD, FOLLOWING A CONNECTION AND PRIOR TO GOING TO BOTTOM A 1500 PSI INCREASE IN OFF BOTTOM PRESSURE WAS RECORDED. THE PUMPS WERE STAGED DOWN FROM 700 GPM TO 600 GPM AND PRESSURES WERE MONITORED FOR 10 MINUTES WHILE SLOWLY WORKING STRING 8' OFF BOTTOM. PUMPING 600 GPM THE STANDPIPE PRESSURE STABILIZED @ 3800 PSI WHICH WAS 500 PSI HIGHER THAN RECORDED 2 STANDS PRIOR @ 700 GPM. PRE RIG FLOOR FOR TOOH TO INSPECT BHA.
21:30	22:00	0.50	INTRM1	DRILL	OWFF	T	8,567.0	8,567.0	PLACE RETURNS ON TRIP TANK AND MONITOR FOR FLOW. WELL IS STATIC
22:00	02:45	4.75	INTRM1	DRILL	TRIP	T	8,567.0	8,567.0	TRIP OUT OF HOLE DUE TO SPP INCREASE F/8,567 T/ BHA. WELL IS MONITORED ON TRIP TANK AND TAKING PROPER CALCULATED FLUID FILL.
02:45	04:00	1.25	INTRM1	DRILL	BHAH	T	8,567.0	8,567.0	RACK BACK X-OVERS, FLOAT SUB AND STABILIZER WITH LAST STAND OF DC'S, DRAIN MOTOR AND REMOVE BIT, UNLOCK AND REMOVE MWD TOOL, L/D MUD MOTOR. MOTOR DRAINED WEAK AND HAD ROUGHLY 3/8" SQUAT AND ROTATIONAL PLAY AT THE BIT BOX. BIT WAS GRADED A 4-4-BT-A-X-0-LT-DTF.
04:00	05:30	1.50	INTRM1	DRILL	BHAH	T	8,567.0	8,567.0	PICK UP 8 3/4" DIRECTIONAL ASSEMBLY AS FOLLOWS: BAKER HUGHES D507VTWX, 7" INTREPID 7/8 6.9S 1.75" FBH W/ 8.25" NBS, BFF, 8 5/8" BLAIR TOOLS ROLLER REAMER, UBHO, (2) NON MAG DRILL COLLARS, AND FLOAT SUB. SCRIBE AND TEST MOTOR / MWD. (GOOD TEST)
05:30	06:00	0.50	INTRM1	DRILL	SVRG	T	8,567.0	8,567.0	SERVICE RIG AND TOP DRIVE. TROUBLESHOOT TOP DRIVE BLOWER MOTOR FAULT.

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00




Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00









Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	RECONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	8,567.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHES	D507VTWX	Reconditioned	M	2	3	3	5331601	8,567.00			0.0	REG	0.60	

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/6/2023
Report #: 12
Actual Days: 10.88

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
5,455.0	8,567.0	7,391.00	13.25	0.00	234.9	700	65	70	4,600.0	23.0		1,200.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/8/2023
Report #: 14
Actual Days: 12.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 1,755,785.37
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 10,710.0	Depth Progress (ft) 1,359.00	Daily Cost Total (Cost) 106,717.41
Weather Clear	Hole Condition GOOD	Drilling Hours (hr) 12.75	Avg ROP (ft/hr) 106.6	Cum TL Days from Spud (...) 4.21

Ops and Depth @ Morning Report

TOH @ 743'. 8 3/4" VERTICAL @ 10,710'

Last 24hr Summary

CONTINUE TOH T/ BHA DO TO LOW ROP. CHANGE OUT BHA, TIH T/ 9,351', DRILL 8 3/4" VERTICAL F/ 9,351' T/ 10,710'. CIRCULATE BOTTOMS UP, FLOW CHECK, TOH F/10,710' T/743'DUE TO LOW ROP.

24hr Forecast

CONTINUE TOH, CHANGE OUT BHA, T.I.H WITH 8 3/4" BHA & DRILL 8 3/4" VETRICAL.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	07:30	1.50	INTRM1	DRILL	TRIP	P	9,351.0	9,351.0	TOH F/ 700' T/ BHA. (MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL).
07:30	08:15	0.75	INTRM1	DRILL	BHAH	P	9,351.0	9,351.0	DRAIN MOTOR AND BREAK BIT. BIT GRADED 3/8 RUNG OUT. VISUAL INSPECTION OF MOTOR WAS GOOD SO DECISION WAS MADE TO MAKE UP NEW ULTERRA U716S.
08:15	12:30	4.25	INTRM1	DRILL	TRIP	P	9,351.0	9,351.0	TIH F/ BHA T/ 9,351'. MONITOR WELL ON TRIP TANK. WELL DISPLACING PROPERLY. (PULL TRIP NIPPLE AND INSTALL ROTATING HEAD (2) STANDS OFF BOTTOM.)
12:30	16:00	3.50	INTRM1	DRILL	DRLG	P	9,351.0	9,720.0	DRILL 8 3/4" VERTICAL F/ 9,351' T/9,720'. (369' @ 105 FPH) WOB 45K, DIFF 600, GPM 700, RPM 70, OFF BTM SPP 3,600 PSI, TQ 13K.
16:00	17:45	1.75	INTRM1	DRILL	DDRL	P	9,720.0	9,750.0	SLIDE DRILL 8 3/4" VERTICAL F/ 9,720' T/ 9,750'. (30' @ 17 FPH) WOB 35K, DIFF 200, GPM 700, OFF BTM SPP 3,600 PSI, MTF 90°.
17:45	18:30	0.75	INTRM1	DRILL	DRLG	P	9,750.0	9,900.0	DRILL 8 3/4" VERTICAL F/ 9,750' T/9,900'. (150' @ 200 FPH) WOB 55K, DIFF 1200, GPM 700, RPM 70, OFF BTM SPP 3,600 PSI, TQ 12K.
18:30	19:15	0.75	INTRM1	DRILL	DDRL	P	9,900.0	9,925.0	SLIDE DRILL 8 3/4" VERTICAL F/ 9,900' T/ 9,925'. (25' @ 33 FPH) WOB 35K, DIFF 200, GPM 700, OFF BTM SPP 3,600 PSI, MTF 90°.
19:15	22:00	2.75	INTRM1	DRILL	DRLG	P	9,925.0	10,369.0	DRILL 8 3/4" VERTICAL F/ 9,925' T/10,369'. (444' @ 161 FPH) WOB 55K, DIFF 1100, GPM 700, RPM 70, OFF BTM SPP 3,600 PSI, TQ 12K.
22:00	23:00	1.00	INTRM1	DRILL	DDRL	P	10,369.0	10,395.0	SLIDE DRILL 8 3/4" VERTICAL F/ 10,369' T/ 10,395'. (25' @ 25 FPH) WOB 30K, DIFF 275, GPM 700, OFF BTM SPP 3,600 PSI, MTF 0°.
23:00	01:15	2.25	INTRM1	DRILL	DRLG	P	10,395.0	10,710.0	DRILL 8 3/4" VERTICAL F/ 10,395' T/10,710'. (315' @ 140 FPH) WOB 55K, DIFF 1200, GPM 700, RPM 70, OFF BTM SPP 3,600 PSI, TQ 12K.
01:15	01:45	0.50	INTRM1	DRILL	CIRC	P	10,710.0	10,710.0	CIRCULATE BOTTOMS UP & PREP RIG FLOOR TO TOH.
01:45	02:00	0.25	INTRM1	DRILL	OWFF	P	10,710.0	10,710.0	FLOW CHECK
02:00	06:00	4.00	INTRM1	DRILL	TRIP	P	10,710.0	10,710.0	PUMP SLUG & T.O.H F/10,710' T/743' (MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL)





Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00












Survey Data

Date	Des	Survey Company



Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 37		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
9,351.0	10,710.0	1,359.00	12.75	3.50	106.6	700	55	70	4,800.0	14.0		505.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/9/2023
Report #: 15
Actual Days: 13.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Surface, 1,176.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 1,846,416.14
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 11,250.0	Depth Progress (ft) 540.00	Daily Cost Total (Cost) 90,630.77
Weather Overcast	Hole Condition GOOD	Drilling Hours (hr) 3.75	Avg ROP (ft/hr) 144.0	Cum TL Days from Spud (...) 5.21

Ops and Depth @ Morning Report

RIGGING UP CASING EQUIPMENT. 8 3/4" VERTICAL @ 11,250'

Last 24hr Summary

CONTINUE TOH T/ BHA DO TO LOW ROP. CHANGE OUT BHA, TIH T/ 10,710', DRILL 8 3/4" VERTICAL F/ 10,710' T/ 11,250'. CIRCULATE BOTTOMS UP, RIG UP AND RUN WIRELINE GYRO, CIRCULATE HOLE CLEAN, FLOW CHECK, TOH F/11,250' T/ BHA. L/D DIRECTIONAL BHA. RIG UP CASING CREW, TORQUE TURN, AND THREAD REPS.

24hr Forecast

RIG UP AND RUN 7 5/8" CASING, CEMENT WITH HALLIBURTON CEMENTERS, INSTALL PACKOFF AND TEST, PICK UP DIRECTIONAL BHA.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	06:45	0.75	INTRM1	DRILL	TRIP	P	10,710.0	10,710.0	TOH F/ 700' T/ BHA. (MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL).
06:45	07:30	0.75	INTRM1	DRILL	BHAH	P	10,710.0	10,710.0	DRAIN MOTOR AND BREAK BIT. BIT GRADED 3/8 RUNG OUT. VISUAL INSPECTION OF MOTOR WAS GOOD SO DECISION WAS MADE TO MAKE UP NEW NOV TKC76 N-4.
07:30	08:00	0.50	INTRM1	DRILL	SVRG	P	10,710.0	10,710.0	SERVICE RIG AND TOP DRIVE. CHANGE OUT DIES ON TOP DRIVE.
08:00	12:45	4.75	INTRM1	DRILL	TRIP	P	10,710.0	10,710.0	TIH F/ BHA T/ 10,710'. MONITOR WELL ON TRIP TANK. WELL DISPLACING PROPERLY. (PULL TRIP NIPPLE AND INSTALL ROTATING HEAD FOLLOWING DRILL COLLARS)
12:45	16:30	3.75	INTRM1	DRILL	DRLG	P	10,710.0	11,250.0	DRILL 8 3/4" VERTICAL F/ 10,710' T/ 11,250'. (540' @ 144 FPH) WOB 60K, DIFF 1,100, GPM 600, RPM 70, OFF BTM SPP 3,300 PSI, TQ 18K. **8 3/4" VERTICAL TD ON 2/9/23 @ 16:30 HRS CST**
16:30	18:00	1.50	INTRM1	CASING	CIRC	P	11,250.0	11,250.0	CIRCULATE HOLE CLEAN PRIOR TO RIG UP AND RUNNING WIRELINE GYRO.
18:00	21:45	3.75	INTRM1	CASING	ELOG	P	11,250.0	11,250.0	PJSM W/ COP, SCIENTIFIC WIRELINE, AND H&P CREW. RIG UP AND RUN WIRELINE GYRO ACQUIRING SURVEYS IN 25' COARSE LENGTHS.
21:45	22:30	0.75	INTRM1	CASING	CIRC	P	11,250.0	11,250.0	CIRCULATE HOLE CLEAN PRIOR TO TOH FOR 7 5/8" CASING RUN.
22:30	22:45	0.25	INTRM1	CASING	OWFF	P	11,250.0	11,250.0	FLOW CHECK / WELL STATIC. PUMP SLUG.
22:45	03:30	4.75	INTRM1	CASING	TRIP	P	11,250.0	11,250.0	T.O.H F/ 11,250' T/ BHA (MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL)
03:30	04:45	1.25	INTRM1	CASING	BHAH	P	11,250.0	11,250.0	L/D 8 3/4" DIRECTIONAL BHA. MOTOR DRAINED ON SURFACE WITH MINIMAL SLACK IN BEARING PACK. BIT GRADED 1/1.
04:45	05:00	0.25	INTRM1	CASING	WBPL	P	11,250.0	11,250.0	CLEAN FLOOR. PULL WEAR BUSHING.
05:00	06:00	1.00	INTRM1	CASING	RURD	P	11,250.0	11,250.0	HELD PJSM WITH H&P RIG CREW, BYRD CASING, T&T TORQUE TURN & TENARIS THREAD REP. RIG UP CASING EQUIPMENT.






Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00











Survey Data

Date	Des	Survey Company








Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHES	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 37		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 37		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
10,710.0	11,250.0	540.00	3.75	0.00	144.0	600	60	70	3,300.0	18.0		1,100.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/10/2023
Report #: 16
Actual Days: 14.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,230.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 2,576,805.37
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 11,250.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 730,389.23
Weather Clear	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 6.21

Ops and Depth @ Morning Report

WAIT ON CEMENT. 8 3/4" HOLE @ 11,250'.

Last 24hr Summary

CONTINUE RIG UP AND RUN 7 5/8" INTERMEDIATE CASING T/ 11,230'. CIRCULATE CASING CAPACITY, CEMENT W/ HALLIBURTON CEMENTERS AND R/D. (81 BBLs CIRCULATED TO SURFACE), INSTALL AND TEST PACKOFF ASSEMBLY, INSTALL WEAR BUSHING, PICK UP 6 3/4" DIRECTIONAL BHA, TIH.

24hr Forecast

WAIT ON CEMENT, INSTALL AND TEST PACKOFF ASSEMBLY, INSTALL WEAR BUSHING, PICK UP 6 3/4" DIRECTIONAL BHA, TIH., DRILL OUT DVT, TEST CASING, DRILL FLOAT EQUIPMENT AND 10' NEW FORMATION, FIT TO EMW XX PPG, DISPLACE TO OBM, DRILL 6 3/4" CURVE.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	07:00	1.00	INTRM1	CASING	RURD	P	11,250.0	11,250.0	CONTINUE RIGGING UP CASING EQUIPMENT AND T&T TORQUE TURN.
07:00	21:00	14.00	INTRM1	CASING	RNCS	P	11,250.0	11,250.0	RUN 7.625" 29.7# P-110-ICY WEDGE 513 CASING AS FOLLOWS: INNOVEX FLOAT SHOE @ 11,230.00', (2) JTS 7.625" 29.7# P-110-ICY WEDGE 513, FLOAT COLLAR 11,140.90' @, (143) JTS 7.625" 29.7# P-110-ICY WEDGE 513, WEDGE 513 X BTC CROSSOVER, DV TOOL @ 5,100.00', BTC X WEDGE 513 CROSSOVER, (119) JTS 7.625" 29.7# P-110-ICY WEDGE 513 TO SURFACE. PICK UP STREAM FLOW LANDING JOINT, LAND CASING IN IN WELL HEAD AND VERIFY WITH STREAM FLO TECH. TOTAL PIPE RUN IS 11,234.6'. (50) CENTRALIZERS WERE RUN.
21:00	23:30	2.50	INTRM1	CEMENT	CIRC	P	11,250.0	11,250.0	CIRCULATE 1 1/2 TIMES CASING CAPACITY & RIG DOWN BYRD CASING CREW.
23:30	03:15	3.75	INTRM1	CEMENT	CMNT	P	11,250.0	11,250.0	HOLD PJSM W/ H&P, HALLIBURTON, AND COP PERSONNEL. PERFORM 7-5/8" INTERMEDIATE CASING 1st STAGE CEMENT JOB AS FOLLOWS: PRESSURE TEST CEMENT IRON T/ 3,000 PSI (GOOD TEST). PUMP 40 BBLs SPACER, FOLLOWED BY 415 BBLs (745 SKS) OF 10.5 PPG W/ 3.13 FT3/SK YIELD LEAD CEMENT, 29 BBLs (150 SKS) OF 16.4 PPG W/ 1.08 FT3/SK YIELD TAIL CEMENT. DROP PLUG AND DISPLACE CEMENT W/ 511 BBLs 10.3 PPG BRINE. FINAL LIFT PRESSURE 1,300 PSI, PLUG BUMPED @ 1,800 PSI, FLOATS HELD, BLED BACK 2.5 BBLs. CIRCULATED 40 BBLs OF SPACER & 81 (145 SKS) BBLs OF CEMENT TO SURFACE. FULL RETURNS MAINTAINED THROUGHOUT ENTIRE CEMENT JOB. ***PLUG DOWN AT 03:10 HRS CST ON 02/11/23***
03:15	03:45	0.50	INTRM1	CEMENT	OTHR	P	11,250.0	11,250.0	TEST CASING (1500PSI)
03:45	04:15	0.50	INTRM1	CEMENT	CMNT	P	11,250.0	11,250.0	DROP CANCELLATION CONE(WAIT 30 MINUTES), STAGE UP AND CANCELLED DV-TOOL. BLED BACK 2 BBLs TO ENSURE DV-TOOL CLOSED
04:15	04:30	0.25	INTRM1	CEMENT	OTHR	P	11,250.0	11,250.0	WASH UP B.O.P.E & RIG DOWN HALLIBURTON CEMENT EQUIPMENT.
04:30	06:00	1.50	INTRM1	CEMENT	WOC	P	11,250.0	11,250.0	WAIT ON CEMENT.






Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00










Survey Data

Date	Des	Survey Company









Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
INTEGRI TY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDO R		INT 775 -006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDO R		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDO R		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDO R		161-23		
7" INTREPI D 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDO R		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDO R		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDO R		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDO R		161-23		
7" INTREPI D 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDO R		XSS701 37		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70		







Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00









Survey Data

Date	Des	Survey Company













Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHES	D507VTWX	Reconditioned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reconditioned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reconditioned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5334371	11,250.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/12/2023
Report #: 18
Actual Days: 16.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,230.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 2,916,044.83
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 11,250.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 117,666.46
Weather Clear	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 8.21

Ops and Depth @ Morning Report

WAITING ON CEMENT. VERTICAL HOLE DEPTH 11,250'

Last 24hr Summary

PICKED UP BRIDGE PUG ASSEMBLY, T.I.H T/5,155', SET BRIDGE PLUG, PICKED UP T/5,130', RIGGED UP HALLIBURTON CEMENT EQUIPMENT, PUMPED CEMENT FOR SQUEEZE, TOH T/3,998', SQUEEZED CEMENT PER SQUEEZE PROCEDURE (6.5BBLs HOLDING 3,200PSI). TOH F/3,998', LAYED DOWN BRIDGE PLUG SETTING TOOL, PICKED UP 6 3/4" DRILL OUT BHA, TIH T/4,500' AND WAIT ON CEMENT.

24hr Forecast

WAIT ON CEMENT, DRILL OUT CEMENT, TEST CASING(2,450PSI), DRILL OUT BRIDGE PLUG, TOH F/5,155', L/D 6 3/4" DRILL OUT BHA, PICK UP 6 3/4" CURVE/LATERAL BHA, TIH T/11,140' DRILL OUT FLOAT EQUIPMENT AND 10' NEW FORMATION, PERFORM F.I.T, DRILL 6 3/4" VERTICAL TO KOP, & DRILL 6 3/4" CURVE.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	06:30	0.50	INTRM1	CEMENT	SVRG	T	11,250.0	11,250.0	SERVICE TOP DRIVE & BLOCKS
06:30	12:30	6.00	INTRM1	CEMENT	WAIT	T	11,250.0	11,250.0	WAIT ON OPS BRIDGE PLUG EQUIPMENT
12:30	12:45	0.25	INTRM1	CEMENT	BHAH	T	11,250.0	11,250.0	M/U OPS COMPOSITE CEMENT RETAINER
12:45	15:00	2.25	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	T.I.H T/5,162' (TO SET OPS CEMENT RETAINER).
15:00	15:15	0.25	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	SET OPS CEMENT RETAINER @ 5,155' AND T.O.H F/5,155' T/5,130'.
15:15	16:00	0.75	INTRM1	CEMENT	RURD	T	11,250.0	11,250.0	HELD PJSM WITH H&P RIG CREW, HALLIBURTON, & COP ON-SITE SUPERVISOR. RIG UP HALLIBURTON CEMENT EQUIPMENT.
16:00	16:45	0.75	INTRM1	CEMENT	CMNT	T	11,250.0	11,250.0	TEST LINES 4,000 PSI, PUMP 13BBLs OF TUNED PRIME SPACER 10.0 PPG, 11.08 YIELD, 20.7 (85 SKS) HALCEM-C 14.8 PPG 1.37 YIELD, 7 BBLs OF TUNED PRIME SPACER 10 PPG 11.08 YIELD, DISPLACED W/54 BBLs OF 10.0 PPG BRINE, & BALANCE PLUG
16:45	17:30	0.75	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	T.O.H F/5,130' T/3,998' @ 3 MIN. PER STAND (TO START CEMENT SQUEEZE)
17:30	18:00	0.50	INTRM1	CEMENT	CIRC	T	11,250.0	11,250.0	CIRCULATE 1.5 BOTTOMS UP.
18:00	20:15	2.25	INTRM1	CEMENT	SQEZ	T	11,250.0	11,250.0	RIG UP HALLIBURTON CEMENT IRON, SHUT IN WELL, SQUEEZE 3 BBLs @ .5 BBLs/MIN., MONITOR PRESSURE 20 MIN. (689 PSI), SQUEEZE 1 BBL @ .5 BBL/MIN. MONITOR PRESSURE (980 PSI), SQUEEZE 1 BBL @ .5 BBL/MIN., MONITOR PRESSURE (910 PSI). WAIT 30 MIN. SQUEEZE 1 BBL @ .25 BBL/MIN., MONITOR PRESSURE (2,560 PSI). WAIT 15 MIN. SQUEEZE .5 BBL @ .25 BBL/MIN. MONITOR PRESSURE (3,200 PSI). WAIT 30 MINUTE. PRESSURE HELD.
20:15	20:45	0.50	INTRM1	CEMENT	RURD	T	11,250.0	11,250.0	RIG DOWN HALLIBURTON CEMENT EQUIPMENT
20:45	22:45	2.00	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	T.O.H F/3,998' & LAY DOWN OPS MECHANICAL CEMENT RETAINER SETTING TOOL.
22:45	00:45	2.00	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	M/U BIT SUB & DD306VTWS, T.I.H T/4,528'
00:45	06:00	5.25	INTRM1	CEMENT	WOC	T	11,250.0	11,250.0	WAIT ON CEMENT







Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00










Survey Data

Date	Des	Survey Company












Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5334371	11,250.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70		

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category	Last Casing String	AFE Dur Total (days)	Total AFE (Cost)	Cumulative Cost (Cost)
DRILLING	Intermediate1, 11,230.0ftKB	16.00	3,842,178.53	2,990,925.86

Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625		Wellbore Original Hole	End Depth (ftKB) 11,268.0	Depth Progress (ft) 18.00	Daily Cost Total (Cost) 74,881.03
Weather Blowing dust	Hole Condition GOOD		Drilling Hours (hr) 1.00	Avg ROP (ft/hr) 18.0	Cum TL Days from Spud (..) 9.21

Ops and Depth @ Morning Report

TOH DUE TO LOW ROP BIT DEPTH 9,300'. 6 3/4" VERTICAL 11,268'.

Last 24hr Summary

WOC, DRILL CEMENT T/ 5,125', CASING TEST ABOVE DVT T/ 2,500 PSI (GOOD TEST), DRILL BRIDGE PLUG, TEST CASING T/ 2,500 PSI (GOOD TEST), TOH, PICK UP 6 3/4" BHA, TIH, DRILL FLOAT EQUIPMENT, RAT HOLE AND 10' NEW FORMATION T/ 11,260', FIT TO EMW OF 15.0 PPG, DISPLACE WELL TO OBM. DRILL 6 3/4" VERTICAL T/11,268'. TOH F/11,268'(DUE TO LOW ROP)

24hr Forecast

TOH (DUE TO LOW ROP), CHANGE OUT BHA, TIH, & DRILL 6 3/4" CURVE.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	09:30	3.50	INTRM1	CEMENT	WOC	T	11,250.0	11,250.0	WAIT ON CEMENT.
09:30	11:00	1.50	INTRM1	CEMENT	COCF	T	11,250.0	11,250.0	DRILL CEMENT F/ 4,869' T/ 5,130'. WOB 30K, RPM 60, GPM 350, TQ 4K.
11:00	11:15	0.25	INTRM1	CEMENT	DHEQ	T	11,250.0	11,250.0	CIRCULATE BOTTOMS UP PRIOR TO TESTING CASING.
11:15	11:45	0.50	INTRM1	CEMENT	DHEQ	T	11,250.0	11,250.0	CASING TEST T/ 2,500 PSI ABOVE DVT. (GOOD TEST)
11:45	13:30	1.75	INTRM1	CEMENT	COCF	T	11,250.0	11,250.0	DRILL CEMENT AND BRIDGE PLUG F/ 5,130' T/ 5,164'. WOB 20K, RPM 100, GPM 350, TQ 4K.
13:30	14:00	0.50	INTRM1	CEMENT	DHEQ	T	11,250.0	11,250.0	CASING TEST T/ 2,500 PSI BELOW DVT. (GOOD TEST)
14:00	16:00	2.00	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	TOH F/ 5,164' T/ SURFACE. L/D BIT SUB AND BAKER PDC BIT.
16:00	16:30	0.50	INTRM1	CEMENT	SVRG	T	11,250.0	11,250.0	SERVICE RIG AND TOP DRIVE.
16:30	17:00	0.50	INTRM1	CEMENT	BHAH	T	11,250.0	11,250.0	PICK UP 6 3/4" DIRECTIONAL BHA. BAKER HUGHES DD306VTHWS, 5" INTREPID 6/7 8.0 1.83°/4.1 BTB, UBHO, NON MAG DRILL COLLAR, NON MAG FLEX COLLAR, FLOAT SUB, X/O (DELTA 425 BOX X XT-39 PIN), Drill Pipe, DRILL-N-REAM.
17:00	21:15	4.25	INTRM1	CEMENT	TRIP	T	11,250.0	11,250.0	TIH F/ 103' T/ 11,100'.
21:15	01:00	3.75	INTRM1	CEMENT	COCF	P	11,250.0	11,250.0	DRILL FLOAT EQUIPMENT AND CEMENT WOB-10K-20K RPM-30 GPM -300 TQ-8K DIFF-150 PSI/200 PSI OFF-BOTTOM PSI-2615 (FLOAT COLLAR @ 11,140' AND SHOE @ 11,230')
01:00	01:15	0.25	INTRM1	DRILL	DRLG	P	11,250.0	11,260.0	DRILL 10' OF NEW FORMATION F/11,250' T/11,260' WOB-25K GPM-300 DIFF-350 RPM-30 TQ-9K OFF BTM PSI-2615. **START 6 3/4" VERTICAL @ 11,250' MD ON 2/14/23 @ 01:00 HRS CST**
01:15	01:45	0.50	INTRM1	DRILL	CIRC	P	11,260.0	11,260.0	CIRCULATE HOLE CLEAN PRIOR TO F.I.T.(MWT-10.1 PPG IN/OUT).
01:45	02:00	0.25	INTRM1	DRILL	FIT	P	11,260.0	11,260.0	PERFORM F.I.T. (CURRENT MWT-10.1 PPG EMW-15.0 PPG)
02:00	03:30	1.50	INTRM1	DRILL	CIRC	P	11,260.0	11,260.0	TRANSFER OBM TO MUD TANKS & DISPLACE HOLE WITH OBM
03:30	04:15	0.75	INTRM1	DRILL	DRLG	P	11,260.0	11,268.0	DRILL 6 3/4" VERTICAL F/ 11,260' T/11,268'. (10' @ 8 FPH) WOB 30K, DIFF 300, GPM 300, RPM 50, OFF BTM SPP 4,379 PSI, TQ 9K.
04:15	05:00	0.75	INTRM1	DRILL	CIRC	P	11,268.0	11,268.0	CIRCULATE BOTTOMS UP AND PUMP SLUG
05:00	05:15	0.25	INTRM1	DRILL	OWFF	P	11,268.0	11,268.0	FLOW CHECK
05:15	06:00	0.75	INTRM1	DRILL	TRIP	P	11,268.0	11,268.0	TOH F/11,268' T/9,300' (DUE TO LOW ROP).







Activity	Start Date	End Date	Head Count / Manhours
1.00	10/1/2018	10/1/2018	1
2.00	10/1/2018	10/1/2018	1
3.00	10/1/2018	10/1/2018	1
4.00	10/1/2018	10/1/2018	1
5.00	10/1/2018	10/1/2018	1
6.00	10/1/2018	10/1/2018	1
7.00	10/1/2018	10/1/2018	1
8.00	10/1/2018	10/1/2018	1
9.00	10/1/2018	10/1/2018	1
10.00	10/1/2018	10/1/2018	1
11.00	10/1/2018	10/1/2018	1
12.00	10/1/2018	10/1/2018	1
13.00	10/1/2018	10/1/2018	1
14.00	10/1/2018	10/1/2018	1
15.00	10/1/2018	10/1/2018	1
16.00	10/1/2018	10/1/2018	1
17.00	10/1/2018	10/1/2018	1
18.00	10/1/2018	10/1/2018	1
19.00	10/1/2018	10/1/2018	1
20.00	10/1/2018	10/1/2018	1
21.00	10/1/2018	10/1/2018	1
22.00	10/1/2018	10/1/2018	1
23.00	10/1/2018	10/1/2018	1
24.00	10/1/2018	10/1/2018	1
25.00	10/1/2018	10/1/2018	1
26.00	10/1/2018	10/1/2018	1
27.00	10/1/2018	10/1/2018	1
28.00	10/1/2018	10/1/2018	1
29.00	10/1/2018	10/1/2018	1
30.00	10/1/2018	10/1/2018	1
31.00	10/1/2018	10/1/2018	1
32.00	10/1/2018	10/1/2018	1
33.00	10/1/2018	10/1/2018	1
34.00	10/1/2018	10/1/2018	1
35.00	10/1/2018	10/1/2018	1
36.00	10/1/2018	10/1/2018	1
37.00	10/1/2018	10/1/2018	1
38.00	10/1/2018	10/1/2018	1
39.00	10/1/2018	10/1/2018	1
40.00	10/1/2018	10/1/2018	1
41.00	10/1/2018	10/1/2018	1
42.00	10/1/2018	10/1/2018	1
43.00	10/1/2018	10/1/2018	1
44.00	10/1/2018	10/1/2018	1
45.00	10/1/2018	10/1/2018	1
46.00	10/1/2018	10/1/2018	1
47.00	10/1/2018	10/1/2018	1
48.00	10/1/2018	10/1/2018	1
49.00	10/1/2018	10/1/2018	1
50.00	10/1/2018	10/1/2018	1
51.00	10/1/2018	10/1/2018	1
52.00	10/1/2018	10/1/2018	1
53.00	10/1/2018	10/1/2018	1
54.00	10/1/2018	10/1/2018	1
55.00	10/1/2018	10/1/2018	1
56.00	10/1/2018	10/1/2018	1
57.00	10/1/2018	10/1/2018	1
58.00	10/1/2018	10/1/2018	1
59.00	10/1/2018	10/1/2018	1
60.00	10/1/2018	10/1/2018	1
61.00	10/1/2018	10/1/2018	1
62.00	10/1/2018	10/1/2018	1
63.00	10/1/2018	10/1/2018	1
64.00	10/1/2018	10/1/2018	1
65.00	10/1/2018	10/1/2018	1
66.00	10/1/2018	10/1/2018	1
67.00	10/1/2018	10/1/2018	1
68.00	10/1/2018	10/1/2018	1
69.00	10/1/2018	10/1/2018	1
70.00	10/1/2018	10/1/2018	1
71.00	10/1/2018	10/1/2018	1
72.00	10/1/2018	10/1/2018	1
73.00	10/1/2018	10/1/2018	1
74.00	10/1/2018	10	

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00









Survey Data

Date	Des	Survey Company















Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5334371	11,250.00	0.00					

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/13/2023
Report #: 19
Actual Days: 17.88

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
11,250.0	11,268.0	18.00	1.00	0.00	18.0	300	25	30	2,915.0	9.0		300.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.3	14.99



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/14/2023
Report #: 20
Actual Days: 18.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,230.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 3,150,589.67
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 11,450.0	Depth Progress (ft) 182.00	Daily Cost Total (Cost) 140,148.81
Weather Blowing dust	Hole Condition GOOD	Drilling Hours (hr) 8.25	Avg ROP (ft/hr) 22.1	Cum TL Days from Spud (...) 10.21

Ops and Depth @ Morning Report
DRILLING 6 3/4" CURVE @ 11,450'.

Last 24hr Summary

CONTINUE TOH FOR LOW ROP (HIGH WINDS), CHANGE OUT BHA, TIH (HIGH WINDS), DRILL 6 3/4" VERTICAL T/ 11,315'. DRILL 6 3/4" CURVE T/ 11,450'.

24hr Forecast

CONTINUE DRILLING 6 3/4" CURVE AND BEGIN DRILLING 6 3/4" LATERAL.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	10:30	4.50	INTRM1	DRILL	TRIP	P	11,268.0	11,268.0	TOH F/ 9,300' T/BHA' (DUE TO LOW ROP). **TRIP SPEED LIMITED DUE TO HIGH WINDS**
10:30	11:30	1.00	INTRM1	DRILL	SFTY	P	11,268.0	11,268.0	CLEAN RIG FLOOR OF OBM FROM WET TRIP.
11:30	13:00	1.50	INTRM1	DRILL	BHAH	P	11,268.0	11,268.0	L/D DIRECTIONAL BHA. MOTOR DRAINED ON SURFACE WITH NO SLACK IN BEARING ASSEMBLY. BIT WAS GRADED 8/8 W/ JUNK DAMAGE. WAIT ON ORDERS FOR POSSIBLE ROLLER CONE RUN, MILL AND JUNK BASKET, OR NEW CURVE BHA.
13:00	13:30	0.50	INTRM1	DRILL	BHAH	P	11,268.0	11,268.0	PICK UP DIRECTIONAL BHA. M/U BAKER HUGHES DD306VTHWS BIT. TEST MOTOR MWD. (GOOD TEST)
13:30	15:15	1.75	INTRM1	DRILL	TRIP	P	11,268.0	11,268.0	TIH F/ BHA' T/ 2,967'. WELL DISPLACING FLUID PROPERLY.
15:15	17:00	1.75	INTRM1	DRILL	TRIP	P	11,268.0	11,268.0	ADJUST PRESSURE DROP IN AGITATOR. DECISION MADE BY SCOUT TO L/D AGITATOR DUE TO NO AGITATION. P/U NEW AGITATOR AND TEST. (GOOD TEST)
17:00	18:45	1.75	INTRM1	DRILL	TRIP	P	11,268.0	11,268.0	TIH F/ BHA' T/ 2,967'. WELL DISPLACING FLUID PROPERLY.
18:45	21:00	2.25	INTRM1	DRILL	TRIP	P	11,268.0	11,268.0	TIH F/ 2,967' T/11,250'. WELL DISPLACING FLUID PROPERLY.
21:00	21:45	0.75	INTRM1	DRILL	CIRC	P	11,268.0	11,268.0	WASH AND FAN BOTTOM T/11,268'
21:45	22:30	0.75	INTRM1	DRILL	DRLG	P	11,268.0	11,315.0	DRILL 6 3/4" VERTICAL F/ 11,268' T/ 11,315'. (47' @ 62 FPH) WOB 25K, DIFF 500, GPM 350, RPM 40, OFF BTM SPP 4,250 PSI, TQ 7K.
22:30	06:00	7.50	INTRM1	DRILL	DDRL	P	11,315.0	11,450.0	SLIDE 6 3/4" CURVE F/ 11,315' T/ 11,450'. (135' @ 18 FPH) WOB 25K, DIFF 500, GPM 250, MMRPM 202, OFF BTM SPP 2,600 PSI, MTF 330°. **START 6 3/4" CURVE @ 11,315' MD ON 2/14/23 @ 22:30 HRS CST**

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSH/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00








Survey Data

Date	Des	Survey Company









Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					















Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHES	D507VTWX	Reconditioned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reconditioned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reconditioned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5335420	11,268.00	0.00		0.0	REG		





Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
11,268.0	11,315.0	47.00	0.75	0.00	62.7	350	25	40	4,900.0	9.0		300.0
11,315.0	11,450.0	182.00	7.50	7.50	18.0	250	10	0	3,185.0	0.0		520.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,797.0	-3.2		4.55	23.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/15/2023
Report #: 21
Actual Days: 19.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,230.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 3,332,940.25
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 12,220.0	Depth Progress (ft) 770.00	Daily Cost Total (Cost) 153,682.48
Weather Blowing dust	Hole Condition GOOD	Drilling Hours (hr) 23.50	Avg ROP (ft/hr) 32.8	Cum TL Days from Spud (...) 11.21

Ops and Depth @ Morning Report

DRILL 6-3/4" CURVE, HOLE DEPTH @ 12,220' MD.

Last 24hr Summary

DRILL 6-3/4" CURVE F/ 11,450' T/ 12,220', MADE 770' AT 33 FPH. W/ RIG SERVICE.

24hr Forecast

DRILLING 6 3/4" CURVE AND BEGIN DRILLING 6 3/4" LATERAL.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	15:30	9.50	INTRM1	DRILL	DDRL	P	11,450.0	11,734.0	SLIDE 6-3/4" CURVE F/ 11,450' T/ 11,734'. (284' @ 29 FPH) WOB 15-25K, DIFF 300/500, GPM 300-330, MMRPM 202-234, OFF BTM SPP 2,600/3,800 PSI, GTF HS/30R°.
15:30	16:00	0.50	INTRM1	DRILL	SVRG	P	11,734.0	11,734.0	RIG SERVICE, W/ TOP DRIVE INSPECTION.
16:00	18:00	2.00	INTRM1	DRILL	DDRL	P	11,734.0	11,815.0	SLIDE 6-3/4" CURVE F/ 11,734' T/ 11,815'. (81' @ 40.5 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF HS.
18:00	18:45	0.75	INTRM1	DRILL	DRLG	P	11,815.0	11,857.0	DRILL 6-3/4" CURVE F/ 11,815' T/ 11,857'. (42' @ 56 FPH) WOB 30K, DIFF 850, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, RPM 30, TQ 10K.
18:45	19:30	0.75	INTRM1	DRILL	DDRL	P	11,857.0	11,877.0	SLIDE 6-3/4" CURVE F/ 11,857' T/ 11,877'. (20' @ 26 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF HS.
19:30	19:45	0.25	INTRM1	DRILL	DRLG	P	11,877.0	11,904.0	DRILL 6-3/4" CURVE F/ 11,877' T/ 11,904'. (27' @ 108 FPH) WOB 30K, DIFF 850, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, RPM 30, TQ 10K.
19:45	20:30	0.75	INTRM1	DRILL	DDRL	P	11,904.0	11,924.0	SLIDE 6-3/4" CURVE F/ 11,904' T/ 11,924'. (20' @ 26 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF HS.
20:30	20:45	0.25	INTRM1	DRILL	DRLG	P	11,924.0	11,940.0	DRILL 6-3/4" CURVE F/ 11,924' T/ 11,940'. (16' @ 64 FPH) WOB 30K, DIFF 850, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, RPM 30, TQ 10K.
20:45	22:00	1.25	INTRM1	DRILL	DDRL	P	11,940.0	11,970.0	SLIDE 6-3/4" CURVE F/ 11,940' T/ 11,970'. (30' @ 24 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF HS.
22:00	22:15	0.25	INTRM1	DRILL	DRLG	P	11,970.0	11,988.0	DRILL 6-3/4" CURVE F/ 11,970' T/ 11,988'. (18' @ 72 FPH) WOB 30K, DIFF 850, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, RPM 30, TQ 10K.
22:15	23:30	1.25	INTRM1	DRILL	DDRL	P	11,988.0	12,018.0	SLIDE 6-3/4" CURVE F/ 11,988' T/ 12,018'. (30' @ 24 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF HS.
23:30	23:45	0.25	INTRM1	DRILL	DRLG	P	12,018.0	12,026.0	DRILL 6-3/4" CURVE F/ 12,018' T/ 12,026'. (8' @ 32 FPH) WOB 30K, DIFF 850, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, RPM 30, TQ 10K.
23:45	01:00	1.25	INTRM1	DRILL	DDRL	P	12,026.0	12,056.0	SLIDE 6-3/4" CURVE F/ 12,026' T/ 12,056'. (30' @ 24 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF HS.
01:00	01:15	0.25	INTRM1	DRILL	DRLG	P	12,056.0	12,085.0	DRILL 6-3/4" CURVE F/ 12,056' T/ 12,085'. (29' @ 116 FPH) WOB 30K, DIFF 850, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, RPM 30, TQ 10K.
01:15	02:00	0.75	INTRM1	DRILL	DDRL	P	12,085.0	12,099.0	SLIDE 6-3/4" CURVE F/ 12,085' T/ 12,099'. (14' @ 18 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,150 PSI, GTF 20R.
02:00	02:15	0.25	INTRM1	DRILL	DRLG	P	12,099.0	12,134.0	DRILL 6-3/4" CURVE F/ 12,099' T/ 12,134'. (35' @ 140 FPH) WOB 30K, DIFF 800, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, RPM 30, TQ 10K.
02:15	04:00	1.75	INTRM1	DRILL	DDRL	P	12,134.0	12,159.0	SLIDE 6-3/4" CURVE F/ 12,134' T/ 12,159'. (25' @ 14 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, GTF 20R.
04:00	04:15	0.25	INTRM1	DRILL	DRLG	P	12,159.0	12,165.0	DRILL 6-3/4" CURVE F/ 12,159' T/ 12,165'. (6' @ 24 FPH) WOB 30K, DIFF 800, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, RPM 30, TQ 10K.
04:15	05:00	0.75	INTRM1	DRILL	DDRL	P	12,165.0	12,191.0	SLIDE 6-3/4" CURVE F/ 12,165' T/ 12,191'. (26' @ 34 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, GTF 20R.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
05:00	05:15	0.25	INTRM1	DRILL	DRLG	P	12,191.0	12,205.0	DRILL 6-3/4" CURVE F/ 12,191' T/ 12,205'. (14' @ 56 FPH) WOB 30K, DIFF 800, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, RPM 30, TQ 10K.
05:15	06:00	0.75	INTRM1	DRILL	DDRL	P	12,205.0	12,220.0	SLIDE 6-3/4" CURVE F/ 12,205' T/ 12,220'. (15' @ 20 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, GTF 20R.









Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00




Survey Data

Date	Des	Survey Company














Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5335420	11,268.00	0.00		0.0	REG		











Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
INTEGRITY MOTOR 8" 7/8 _4.0_1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
7" INTREPI D 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
11,450.0	11,631.0	363.00	2.75	0.00	65.8	350	25	30	5,085.0	10.0		800.0
11,631.0	12,220.0	952.00	20.75	20.75	28.4	350	25	0	4,485.0	10.0		200.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,801.0	-4.1		4.55	23.00		

Well Info													
API / UWI 4230136071		Region / Division DELAWARE BASIN			District DELAWARE BASIN SOUTH			Field Name PHANTOM WOLFCAMP		Original Spud Date 10/29/2022			
County LOVING			State/Province TEXAS			Original KB/RT Elevation (ft) 2,820.00			Ground Elevation (ft) 2,794.00				
Job Summary													
Job Category DRILLING				Last Casing String Intermediate1, 11,230.0ftKB				AFE Dur Total (days) 16.00		Total AFE (Cost) 3,842,178.53		Cumulative Cost (Cost) 3,420,329.66	
Daily Ops Summary													
Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625				Wellbore Original Hole		End Depth (ftKB) 12,679.0		Depth Progress (ft) 459.00		Daily Cost Total (Cost) 115,184.38			
Weather Clear		Hole Condition GOOD			Drilling Hours (hr) 4.50		Avg ROP (ft/hr) 102.0		Cum TL Days from Spud (.. 12.21				
Ops and Depth @ Morning Report													
CHANGING OUT BHA. 6-3/4" LATERAL @ 12,679' MD.													
Last 24hr Summary													
DRILL 6-3/4" CURVE F/ 12,220' T/ 12,245'.													
DRILL 6-3/4" LATERAL F/12,245' T/12,679'.													
MADE 459' AT 102 FPH.													
TROUBLE SHOT PRESSURE LOSS, PRESSURED UP ON BACK SIDE(COMMUNICATION WITH PIPE IN STUMP). T.O.H FOR PRESSURE LOSS T/3,601', CHANGED OUT SOLENOIDS & SELECTOR SWITCH ON HYDRAULIC BANK ON TOP DRIVE. CONTINUED T.O.H T/BHA. LAY DOWN BHA. FOUND WASH AT CONNECTION BETWEEN UBHO & NMDC.													
24hr Forecast													
MAKE UP 6-3/4" LATERAL ASSEMBLY, T.I.H. WITH 6-3/4" LATERAL ASSEMBLY & DRILL 6-3/4" LATERAL													
Time Log													
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation				
06:00	06:30	0.50	PROD1	DRILL	DDRL	P	12,220.0	12,245.0	SLIDE 6-3/4" CURVE F/ 12,220' T/ 12,245'. (25' @ 50 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, GTF HS. **END 6 3/4" CURVE @ 12,245' MD ON 2/16/23 @ 06:30 HRS CST**				
06:30	07:15	0.75	PROD1	DRILL	DRLG	P	12,245.0	12,315.0	DRILL 6-3/4" LATERAL F/ 12,245' T/ 12,315'. (95' @ 126 FPH) WOB 30K, DIFF 800, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, RPM 30, TQ 10K. **START 6 3/4" LATERAL @ 12,245' MD ON 2/16/23 @ 06:30 HRS CST**				
07:15	08:15	1.00	PROD1	DRILL	DDRL	P	12,315.0	12,335.0	SLIDE 6-3/4" LATERAL F/ 12,315' T/ 12,335'. (20' @ 20 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, GTF 180.				
08:15	09:30	1.25	PROD1	DRILL	DRLG	P	12,335.0	12,595.0	DRILL 6-3/4" LATERAL F/ 12,335' T/ 12,595'. (260' @ 208 FPH) WOB 30K, DIFF 800, GPM 350, MMRPM 284, OFF BTM SPP 4,285 PSI, RPM 30, TQ 10K.				
09:30	10:00	0.50	PROD1	DRILL	DDRL	P	12,595.0	12,625.0	SLIDE 6-3/4" LATERAL F/ 12,595' T/ 12,625'. (30' @ 60 FPH) WOB 25K, DIFF 300, GPM 350, MMRPM 284, OFF BTM SPP 4,090 PSI, GTF 180.				
10:00	10:30	0.50	PROD1	DRILL	DRLG	P	12,625.0	12,679.0	DRILL 6-3/4" LATERAL F/ 12,625' T/ 12,679'. (54' @ 108 FPH) WOB 30K, DIFF 800, GPM 350, MMRPM 284, OFF BTM SPP 4,090 PSI, RPM 30, TQ 10K.				
10:30	12:30	2.00	PROD1	DRILL	OTHR	T	12,679.0	12,679.0	TROUBLESHOOT 250 PSI LOSS, CHECKED MUD PUMPS(FOUND 2 SWABS LEAKING), C/O SWABS, LINE UP ON KILL LINE PRESSURE UP ON BACKSIDE, STUMP BEGAN TO U-TUBE.				
12:30	14:00	1.50	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TOH F/12,679' T/10,800' (DUE TO 270 PSI LOSS) MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL.				
14:00	14:15	0.25	PROD1	DRILL	OWFF	T	12,679.0	12,679.0	FLOW CHECK(WELL STATIC)				
14:15	19:15	5.00	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TOH F/10,800' T/3,601' (DUE TO 270 PSI LOSS) MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL.				
19:15	19:45	0.50	PROD1	DRILL	SVRG	T	12,679.0	12,679.0	TROUBLE SHOOT HYDRAULICS ON TOP DRIVE.				
19:45	01:45	6.00	PROD1	DRILL	RGRP	X	12,679.0	12,679.0	TOP DRIVE LEAK WAS FOUND COMING FROM BROKEN SELECTOR SWITCH ON HYDRAULIC BANK. CHANGED OUT SOLENOIDS FOR LINK TILTS, BRAKE, & RLA. WAIT ON SELECTOR SWITCH FROM H&P YARD TO ARRIVE ON LOCATION. REPLACE SELECTOR SWITCH, PRESSURE UP HYDRAULIC SYSTEM ON TOP DRIVE AND FUNCTION TEST TOP DRIVE.				
01:45	04:00	2.25	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TOH F/3,601' T/2,967', LAY DOWN AGITATOR, TOH F/2,937' T/1,053', LAY DOWN DRILL-N-REAM, TOH F/1,045' T/103' (DUE TO 270 PSI LOSS) MONITOR WELL ON TRIP TANK ENSURING PROPER HOLE FILL.				
Page 1/4													
Report Printed: 2/17/2023													

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
04:00	05:15	1.25	PROD1	DRILL	BHAH	T	12,679.0	12,679.0	HELD PJSM WITH H&P RIG CREW, INTREPID DIRECTIONAL & COP ON-SITE SUPERVISOR. LAY DOWN NM FLEX COLLAR, PULL MWD, DRAIN MOTOR, BREAK BIT(DD306VTHWS) & LAY DOWN MOTOR. MOTOR DRAINED PROPERLY W/ NO SQUAT. BIT GRADED 1-1-WT-A-X-0-NO-PP. LOCATED WASH AT CONNECTION OF UBHO & NMDC.
05:15	06:00	0.75	PROD1	DRILL	OTHR	T	12,679.0	12,679.0	CLEAN & CLEAR RIG FLOOR









Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00




Survey Data

Date	Des	Survey Company














Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reconditioned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reconditioned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reconditioned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reconditioned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reconditioned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reconditioned					5335420	11,268.00	0.00		0.0	REG		











Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775 -006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
7" INTREPI D 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
12,220.0	12,679.0	1,411.00	4.50	2.00	102.0	350	30	60	5,225.0	15.0		1,200.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,801.0	-4.1		4.55	23.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/17/2023
Report #: 23
Actual Days: 21.88

Well Info													
API / UWI 4230136071		Region / Division DELAWARE BASIN			District DELAWARE BASIN SOUTH			Field Name PHANTOM WOLFCAMP		Original Spud Date 10/29/2022			
County LOVING				State/Province TEXAS			Original KB/RT Elevation (ft) 2,820.00			Ground Elevation (ft) 2,794.00			
Job Summary													
Job Category DRILLING				Last Casing String Intermediate1, 11,230.0ftKB				AFE Dur Total (days) 16.00		Total AFE (Cost) 3,842,178.53		Cumulative Cost (Cost) 3,504,324.41	
Daily Ops Summary													
Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625				Wellbore Original Hole			End Depth (ftKB) 13,560.0		Depth Progress (ft) 881.00		Daily Cost Total (Cost) 81,809.00		
Weather Clear				Hole Condition GOOD			Drilling Hours (hr) 9.00		Avg ROP (ft/hr) 97.9		Cum TL Days from Spud (..) 13.21		
Ops and Depth @ Morning Report DRILL 6-3/4" LATERAL, HOLE DEPTH @ 13,560' MD.													
Last 24hr Summary MAKE UP 6-3/4" LATERAL ASSEMBLY, RIG REPAIRS, T.I.H. WITH 6-3/4" LATERAL ASSEMBLY & DRILL 6-3/4" LATERAL. MADE 881' AT 97 FPH.													
24hr Forecast DRILL 6-3/4" LATERAL AS PER PLAN # 3.													
Time Log													
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation				
06:00	07:00	1.00	PROD1	DRILL	BHAH	T	12,679.0	12,679.0	PJSM, PICK UP DIRECTIONAL 6-3/4" LATERAL BHA, M/U BAKER HUGHES DD405VTHWS BIT. TEST MOTOR MWD. (GOOD TEST)				
07:00	07:30	0.50	PROD1	DRILL	BHAH	T	12,679.0	12,679.0	RIG SERVICE, TDS TOP DRIVE.				
07:30	09:30	2.00	PROD1	DRILL	BHAH	X	12,679.0	12,679.0	RIG REPAIRS TO TDS TOP DRIVE W/ ELETRICIANS & HYDROLIC MECHANICS.				
09:30	10:00	0.50	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TIH F/ BHA' T/ 615', MONITOR WELL ON TRIP TANKS.				
10:00	11:15	1.25	PROD1	DRILL	BHAH	X	12,679.0	12,679.0	RIG REPAIRS ON ST-80, CHANGE OUT TRANSMISSION & ROLLERS.				
11:15	12:30	1.25	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TIH F/ 615' T/ 2,969', MONITOR WELL ON TRIP TANKS, FILL PIPE EVERY 30 STANDS.				
12:30	14:00	1.50	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TEST PRESSURE DROP IN SCOUT AGITATOR, L/D AGITATOR TO COMPAIR AGITATION. P/U NOV AGITATOR AND TEST.				
14:00	20:00	6.00	PROD1	DRILL	TRIP	T	12,679.0	12,679.0	TIH F/ 2,969' T/ 12,300', MONITOR WELL ON TRIP TANKS, FILL PIPE EVERY 30 STANDS, ORIENT TOP OF CURVE.				
20:00	20:30	0.50	PROD1	DRILL	SRVY	T	12,679.0	12,679.0	RECORD 4-6 AXIS QUALIFYING SURVEYS				
20:30	21:00	0.50	PROD1	DRILL	REAM	T	12,679.0	12,679.0	WASH & REAM F/ 12,300' T/ 12,679', W/ 300 GPM'S, 50 RPM.				
21:00	21:15	0.25	PROD1	DRILL	DRLG	P	12,679.0	12,685.0	DRILL 6-3/4" LATERAL F/ 12,679' T/ 12,685'. (6' @ 24 FPH) WOB 32K, DIFF 595, GPM 345, MMRPM 173, OFF BTM SPP 4,650 PSI, RPM 75, TQ 12K.				
21:15	22:00	0.75	PROD1	DRILL	DDRL	P	12,685.0	12,730.0	SLIDE 6-3/4" LATERAL F/ 12,685' T/ 12,730'. (45' @ 60 FPH) WOB 31K, DIFF 570, GPM 345, MMRPM 173, OFF BTM SPP 4,650 PSI, GTF 90R.				
22:00	22:30	0.50	PROD1	DRILL	DRLG	P	12,730.0	12,785.0	DRILL 6-3/4" LATERAL F/ 12,730' T/ 12,790'. (60' @ 120 FPH) WOB 30K, DIFF 780, GPM 365, MMRPM 183, OFF BTM SPP 5,085 PSI, RPM 70, TQ 13K.				
22:30	23:15	0.75	PROD1	DRILL	DDRL	P	12,785.0	12,810.0	SLIDE 6-3/4" LATERAL F/ 12,790' T/ 12,810'. (20' @ 40 FPH) WOB 25K, DIFF 265, GPM 365, MMRPM 183, OFF BTM SPP 5,085 PSI, GTF 90R.				
23:15	23:30	0.25	PROD1	DRILL	DRLG	P	12,810.0	12,881.0	DRILL 6-3/4" LATERAL F/ 12,810' T/ 12,881'. (71' @ 142 FPH) WOB 32K, DIFF 935, GPM 365, MMRPM 183, OFF BTM SPP 5,085 PSI, RPM 75, TQ 15K.				
23:30	00:15	0.75	PROD1	DRILL	DDRL	P	12,881.0	12,901.0	SLIDE 6-3/4" LATERAL F/ 12,881' T/ 12,901'. (20' @ 40 FPH) WOB 35K, DIFF 265, GPM 365, MMRPM 186, OFF BTM SPP 5,85 PSI, GTF 70R.				
00:15	01:15	1.00	PROD1	DRILL	DRLG	P	12,901.0	13,065.0	DRILL 6-3/4" LATERAL F/ 12,901' T/ 13,065'. (164' @ 164 FPH) WOB 32K, DIFF 5,250, GPM 375, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 16K.				
01:15	02:00	0.75	PROD1	DRILL	DDRL	P	13,065.0	13,095.0	SLIDE 6-3/4" LATERAL F/ 13,065' T/ 13,095'. (30' @ 40 FPH) WOB 43K, DIFF 400, GPM 375, MMRPM 188, OFF BTM SPP 5250, PSI, GTF 45R.				
02:00	03:00	1.00	PROD1	DRILL	DRLG	P	13,095.0	13,269.0	DRILL 6-3/4" LATERAL F/ 13,095' T/ 13,269'. (174' @ 174 FPH) WOB 35K, DIFF 955, GPM 375, MMRPM 188, OFF BTM SPP 5,450 PSI, RPM 75, TQ 16K.				
03:00	03:30	0.50	PROD1	DRILL	DDRL	P	13,269.0	13,289.0	SLIDE 6-3/4" LATERAL F/ 13,269' T/ 13,289'. (20' @ 40 FPH) WOB 49K, DIFF 380, GPM 375, MMRPM 188, OFF BTM SPP 5,450 PSI, GTF 10L.				
03:30	04:45	1.25	PROD1	DRILL	DRLG	P	13,289.0	13,440.0	DRILL 6-3/4" LATERAL F/ 13,289' T/ 13,440'. (151' @ 120 FPH) WOB 35K, DIFF 1,000, GPM 375, MMRPM 188, OFF BTM SPP 5,350 PSI, RPM 75, TQ 17K.				
04:45	05:00	0.25	PROD1	DRILL	DDRL	P	13,440.0	13,464.0	SLIDE 6-3/4" LATERAL F/ 13,440' T/ 13,464'. (24' @ 96 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF 50L.				

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
05:00	05:30	0.50	PROD1	DRILL	DRLG	P	13,464.0	13,535.0	DRILL 6-3/4" LATERAL F/ 13,464' T/ 13,535'. (71' @ 142 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 17K.
05:30	06:00	0.50	PROD1	DRILL	DDRL	P	13,535.0	13,560.0	SLIDE 6-3/4" LATERAL F/ 13,535' T/ 13,560'. (25' @ 50 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF 50L.










Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00




Survey Data

Date	Des	Survey Company














Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5335420	11,268.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	D405VTS	Reco nditio ned					5331693	12,679.00	0.00		0.0	REG	6.00	













Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
7" INTREPI D 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		
5" UBHO		5 1/4	2.25	67.20		4.30	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	* ADD A VENDOR	IDSBT500634		
INTREPI D 5.75" 9/10 11.0 FBH @1.50 TS		5 1/2	2.00	80.00		39.40	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR	* ADD A VENDOR	XSH57100		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
12,679.0	13,560.0	881.00	9.00	4.25	97.9	375	35	75	6,200.0	16,000.0		1,500.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,801.0	-4.1		4.55	23.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/18/2023
Report #: 24
Actual Days: 22.88

Well Info										
API / UWI 4230136071		Region / Division DELAWARE BASIN			District DELAWARE BASIN SOUTH			Field Name PHANTOM WOLFCAMP		Original Spud Date 10/29/2022
County LOVING			State/Province TEXAS			Original KB/RT Elevation (ft) 2,820.00			Ground Elevation (ft) 2,794.00	
Job Summary										
Job Category DRILLING			Last Casing String Intermediate1, 11,230.0ftKB			AFE Dur Total (days) 16.00		Total AFE (Cost) 3,842,178.53		Cumulative Cost (Cost) 3,606,151.18
Daily Ops Summary										
Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625			Wellbore Original Hole			End Depth (ftKB) 15,861.0		Depth Progress (ft) 2,301.00		Daily Cost Total (Cost) 91,240.92
Weather Overcast			Hole Condition GOOD			Drilling Hours (hr) 23.50		Avg ROP (ft/hr) 97.9		Cum TL Days from Spud (.. 14.21
Ops and Depth @ Morning Report										
CHANGING OUT SWIVEL PACKING, HOLE DEPTH @ 15,861' MD.										
Last 24hr Summary										
DRILL 6-3/4" LATERAL, F/ 13,560' T/ 15,861'. CHANGED OUT SWIVEL PACKING. MADE 2,301' AT 98 FPH.										
24hr Forecast										
DRILL 6-3/4" LATERAL AS PER PLAN # 3 T/ TD @ 16,774' MD, CIRC. CUC, TOH, L/D DIR. BHA, PULL WEAR BUSHING, R/U & RUN 5-1/2" PROD. CSG.										
Time Log										
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation	
06:00	06:30	0.50	PROD1	DRILL	DRLG	P	13,560.0	13,630.0	DRILL 6-3/4" LATERAL F/ 13,560' T/ 13,630'. (70' @ 140 FPH) WOB 32K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 16K.	
06:30	06:45	0.25	PROD1	DRILL	DDRL	P	13,630.0	13,655.0	SLIDE 6-3/4" LATERAL F/ 13,630' T/ 13,655'. (25' @ 100 FPH) WOB 43K, DIFF 400, GPM 365, MMRPM 188, OFF BTM SPP 5,250, PSI, GTF HS.	
06:45	07:15	0.50	PROD1	DRILL	DRLG	P	13,655.0	13,730.0	DRILL 6-3/4" LATERAL F/ 13,655' T/ 13,730'. (75' @ 150 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 16K.	
07:15	07:30	0.25	PROD1	DRILL	DDRL	P	13,730.0	13,765.0	SLIDE 6-3/4" LATERAL F/ 13,730' T/ 13,765'. (35' @ 140 FPH) WOB 40K, DIFF 300, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, GTF HS.	
07:30	08:30	1.00	PROD1	DRILL	DRLG	P	13,765.0	13,915.0	DRILL 6-3/4" LATERAL F/ 13,765' T/ 13,915'. (150' @ 150 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,300 PSI, RPM 70, TQ 17K.	
08:30	09:15	0.75	PROD1	DRILL	DDRL	P	13,915.0	13,960.0	SLIDE 6-3/4" LATERAL F/ 13,915' T/ 13,960'. (45' @ 60 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF 45R.	
09:15	09:30	0.25	PROD1	DRILL	DRLG	P	13,960.0	13,970.0	DRILL 6-3/4" LATERAL F/ 13,960' T/ 13,970'. (10' @ 40 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 17K.	
09:30	09:45	0.25	PROD1	DRILL	DDRL	P	13,970.0	13,990.0	SLIDE 6-3/4" LATERAL F/ 13,970' T/ 13,990'. (30' @ 80 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF HS.	
09:45	13:00	3.25	PROD1	DRILL	DRLG	P	13,990.0	14,385.0	DRILL 6-3/4" LATERAL F/ 13,990' T/ 14,385'. (395' @ 122 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 17K.	
13:00	14:00	1.00	PROD1	DRILL	DDRL	P	14,385.0	14,430.0	SLIDE 6-3/4" LATERAL F/ 14,385' T/ 14,430'. (45' @ 45 FPH) WOB 40K, DIFF 300, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, GTF 160L.	
14:00	14:15	0.25	PROD1	DRILL	DRLG	P	14,430.0	14,440.0	DRILL 6-3/4" LATERAL F/ 14,430' T/ 14,440'. (10' @ 40 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,300 PSI, RPM 70, TQ 17K.	
14:15	14:30	0.25	PROD1	DRILL	DDRL	P	14,440.0	14,455.0	SLIDE 6-3/4" LATERAL F/ 14,440' T/ 14,455'. (15' @ 60 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF 160L.	
14:30	15:30	1.00	PROD1	DRILL	DRLG	P	14,455.0	14,590.0	DRILL 6-3/4" LATERAL F/ 14,455' T/ 14,590'. (135' @ 135 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 17K.	
15:30	16:15	0.75	PROD1	DRILL	DDRL	P	14,590.0	14,620.0	SLIDE 6-3/4" LATERAL F/ 14,590' T/ 14,620'. (30' @ 40 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF 60L.	
16:15	17:00	0.75	PROD1	DRILL	DRLG	P	14,620.0	14,685.0	DRILL 6-3/4" LATERAL F/ 14,620' T/ 14,685'. (65' @ 86 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,250 PSI, RPM 75, TQ 17K.	
17:00	17:30	0.50	PROD1	DRILL	DDRL	P	14,685.0	14,700.0	SLIDE 6-3/4" LATERAL F/ 14,685' T/ 14,700'. (15' @ 30 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,250 PSI, GTF 45L.	
17:30	18:15	0.75	PROD1	DRILL	DRLG	P	14,700.0	14,786.0	DRILL 6-3/4" LATERAL F/ 14,700' T/ 14,786'. (86' @ 114 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,340 PSI, RPM 75, TQ 17K.	
18:15	19:45	1.50	PROD1	DRILL	DDRL	P	14,786.0	14,842.0	SLIDE 6-3/4" LATERAL F/ 14,786' T/ 14,842'. (56' @ 37 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,340 PSI, GTF 0 HS.	

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
19:45	00:30	4.75	PROD1	DRILL	DRLG	P	14,842.0	15,510.0	DRILL 6-3/4" LATERAL F/ 14,842' T/ 15,510'. (668' @ 140 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,340 PSI, RPM 60, TQ 17K.
00:30	01:30	1.00	PROD1	DRILL	DDRL	P	15,510.0	15,550.0	SLIDE 6-3/4" LATERAL F/ 15,510' T/ 15,550'. (40' @ 40 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,450 PSI, GTF 70R.
01:30	02:30	1.00	PROD1	DRILL	DRLG	P	15,550.0	15,700.0	DRILL 6-3/4" LATERAL F/ 15,550' T/ 15,700'. (150' @ 150 FPH) WOB 35K, DIFF 820, GPM 365, MMRPM 188, OFF BTM SPP 5,450 PSI, RPM 70, TQ 17K.
02:30	03:45	1.25	PROD1	DRILL	DDRL	P	15,700.0	15,755.0	SLIDE 6-3/4" LATERAL F/ 15,700' T/ 15,755'. (55' @ 44 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,490 PSI, GTF 90R.
03:45	04:15	0.50	PROD1	DRILL	DRLG	P	15,755.0	15,813.0	DRILL 6-3/4" LATERAL F/ 15,755' T/ 15,813'. (58' @ 116 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,440 PSI, RPM 75, TQ 17K.
04:15	05:30	1.25	PROD1	DRILL	DDRL	P	15,813.0	15,861.0	SLIDE 6-3/4" LATERAL F/ 15,813' T/ 15,861'. (48' @ 38 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,490 PSI, GTF 90R.
05:30	06:00	0.50	PROD1	DRILL	RGRP	T	15,861.0	15,861.0	RACK ONE STAND BACK, RIG UP CIRCULATING SWEDGE & CHANGE OUT SWIVEL PACKING










Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00















Survey Data

Date	Des	Survey Company

Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHES	D507VTWX	Reconditioned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reconditioned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reconditioned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5335420	11,268.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	D405VTS	Reconditioned					5331693	12,679.00	0.00		0.0	REG	6.00	

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 37		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 37		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/18/2023
Report #: 24
Actual Days: 22.88

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		
5" UBHO		5 1/4	2.25	67.20		4.30	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	* ADD A VENDOR	IDSBT500634		
INTREPID 5.75" 9/10 11.0 FBH @1.50 TS		5 1/2	2.00	80.00		39.40	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR	* ADD A VENDOR	XSH57100		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
13,560.0	15,861.0	3,182.00	23.50	9.00	97.9	365	35	75	6,200.0	16,000.0		900.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/18/2023
Report #: 24
Actual Days: 22.88

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Production1	5 1/2	16,750.0	-3.8		4.55	23.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/19/2023
Report #: 25
Actual Days: 23.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Intermediate1, 11,230.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 3,689,567.98
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 16,770.0	Depth Progress (ft) 909.00	Daily Cost Total (Cost) 83,416.81
Weather Clear	Hole Condition GOOD	Drilling Hours (hr) 7.25	Avg ROP (ft/hr) 125.4	Cum TL Days from Spud (...) 15.21

Ops and Depth @ Morning Report

L/D DIR. BHA, HOLE DEPTH @ 16,770' MD. TD.

Last 24hr Summary

DRILL 6-3/4" LATERAL, F/ 15,861' T/ 16,770'. MADE 909' AT 125 FPH, CIRC. CUC, FLOW CHECK TOH F/16,770' T/BHA TO RUN 5-1/2" PRODUCTION CSG.

NOTE TD 6-3/4" LATERAL @ 13:45 CST ON 2-19-2023

NOTIFIED OPT # 16 CRISTINA WITH TRRC OF INTENT TO RUN CSG AND CEMENT AT 20:00 CST ON 2-19-2023TRRC JOB# 322702***

24hr Forecast

L/D DIR. BHA, PULL WEAR BUSHING, R/U & RUN 5-1/2" PRODUCTION CSG.

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	06:30	0.50	PROD1	DRILL	SVRG	T	15,861.0	15,861.0	RACK ONE STAND BACK, RIG UP CIRCULATING SWEDGE & CHANGE OUT SWIVEL PACKING
06:30	07:00	0.50	PROD1	DRILL	DRLG	P	15,861.0	15,900.0	DRILL 6-3/4" LATERAL F/ 15,861' T/ 15,900'. (39' @ 78 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,440 PSI, RPM 75, TQ 17K.
07:00	08:00	1.00	PROD1	DRILL	DDRL	P	15,900.0	15,945.0	SLIDE 6-3/4" LATERAL F/ 15,900' T/ 15,945'. (45' @ 45 FPH) WOB 47K, DIFF 375, GPM 365, MMRPM 183, OFF BTM SPP 5,490 PSI, GTF 90R.
08:00	13:45	5.75	PROD1	DRILL	DRLG	P	15,945.0	16,770.0	DRILL 6-3/4" LATERAL F/ 15,945' T/ 16,770'. (825' @ 143 FPH) WOB 35K, DIFF 900, GPM 365, MMRPM 188, OFF BTM SPP 5,440 PSI, RPM 75, TQ 17K. *** NOTE TD 6-3/4" LATERAL @ 13:45 CST ON 2-19-2023***
13:45	14:00	0.25	PROD1	CASING	OTHR	P	16,770.0	16,770.0	TAKE FINAL SURVEY.
14:00	14:30	0.50	PROD1	CASING	SVRG	P	16,770.0	16,770.0	RIG SERVICE, TOP DRIVE INSPECTION.
14:30	17:00	2.50	PROD1	CASING	CIRC	P	16,770.0	16,770.0	CIRC. CUC, WORK STRING 95', @ 365 GPM, 80 RPM'S.
17:00	19:30	2.50	PROD1	CASING	CIRC	T	16,770.0	16,770.0	CIRC. DUE TO HAND NOT BEING ABLE TO BE ON LOCATION TELL 5:00 AM CST.
19:30	20:00	0.50	PROD1	CASING	OWFF	P	16,770.0	16,770.0	FLOW CHECK WELL WELL STATIC.
20:00	21:15	1.25	PROD1	CASING	TRIP	P	16,770.0	16,770.0	TOH F/ 16,629' T/ 16,160', PUMP SLUG, TOH F/ 16,160' T/ 13,800', MONITOR WELL ON TRIP TANKS.
21:15	23:00	1.75	PROD1	CASING	REAM	P	16,770.0	16,770.0	WASH & REAM F/13,800' T/13,287' (GPM-300 RPM-65)
23:00	06:00	7.00	PROD1	CASING	TRIP	P	16,770.0	16,770.0	TOH F/13,287' T/BHA MONITOR WELL ON TRIP TANK. FLOW CHECK @ SHOE 11,230' MD (WELL STATIC).

Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00









Survey Data

Date	Des	Survey Company









Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					















Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHES	D507VTWX	Reconditioned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reconditioned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reconditioned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	DD306VTHWS	Reconditioned					5335420	11,268.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHES	D405VTS	Reconditioned					5331693	12,679.00	0.00		0.0	REG	6.00	

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70129		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft-lb)	Tq Max (ft-lb)
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/19/2023
Report #: 25
Actual Days: 23.88

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		
5" UBHO		5 1/4	2.25	67.20		4.30	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	* ADD A VENDOR	IDSBT500634		
INTREPI D 5.75" 9/10 11.0 FBH @1.50 TS		5 1/2	2.00	80.00		39.40	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR	* ADD A VENDOR	XSH57100		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)
15,861.0	16,770.0	4,091.00	7.25	1.00	125.4	365	35	75	6,200.0	16,000.0		900.0

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,750.0	-3.8	2/21/2023	4.55	23.00		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/20/2023
Report #: 26
Actual Days: 24.88

Well Info

API / UWI 4230136071	Region / Division DELAWARE BASIN	District DELAWARE BASIN SOUTH	Field Name PHANTOM WOLFCAMP	Original Spud Date 10/29/2022
County LOVING	State/Province TEXAS	Original KB/RT Elevation (ft) 2,820.00	Ground Elevation (ft) 2,794.00	

Job Summary

Job Category DRILLING	Last Casing String Production1, 16,750.0ftKB	AFE Dur Total (days) 16.00	Total AFE (Cost) 3,842,178.53	Cumulative Cost (Cost) 3,792,536.76
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Daily Ops Summary

Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625	Wellbore Original Hole	End Depth (ftKB) 16,770.0	Depth Progress (ft) 0.00	Daily Cost Total (Cost) 102,968.78
Weather Clear	Hole Condition GOOD	Drilling Hours (hr)	Avg ROP (ft/hr)	Cum TL Days from Spud (...) 16.21

Ops and Depth @ Morning Report

CIRC. CASING ON BTM, HOLE DEPTH @ 16,770' MD. TD.

Last 24hr Summary

L/D 6-3/4" DIRECTIONAL BHA, PULL WEAR BUSHING, R/U CSG TOOLS & EQUIPMENT, RUN 5-1/2" PRODUCTION CASING, RUPTURE AIR LOCK, FILL PIPE, & CIRCULATE 1-1/2 X'S CASING CAPACITY.

24hr Forecast

CEMENT 5-1/2" PRODUCTION CASING, SET PACK OFF, NIPPLE DOWN B.O.P.E & SKID RIG F/ UL 20 GOLDSPOON 2901H T/ UL 20 GOLDSPOON B 2902H

Time Log

Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation
06:00	08:00	2.00	PROD1	CASING	BHAI	P	16,770.0	16,770.0	PJSM, L/D DIR. BHA, LAY DOWN TOP MONEL AND PULL MWD, DRAIN MUD MOTOR W/ NO VISABLE DAMAGES, BREAK BIT & GRADED 1-1.
08:00	08:30	0.50	PROD1	CASING	WBPL	P	16,770.0	16,770.0	PULL WEAR BUSHING.
08:30	09:00	0.50	PROD1	CASING	OTHR	P	16,770.0	16,770.0	CLEAN RIG FLOOR OF OBM FOR CASING RUN.
09:00	10:30	1.50	PROD1	CASING	RURD	P	16,770.0	16,770.0	PJSM, W/ BYRD, TENARIS, AND H&P RIG CREW, RIG UP CASING TOOLS & EQUIPMENT.
10:30	11:00	0.50	PROD1	CASING	SVRG	P	16,770.0	16,770.0	RIG SERVICE, TOP DRIVE INSPECTION.
11:00	03:00	16.00	PROD1	CASING	RNCS	P	16,770.0	16,770.0	RUN 5-1/2" PRODUCTION F/SURFACE T/16,750' AS FOLLOWS: 5-1/2" INNOVEX FLOAT SHOE @ 16,750', (1) MJ 5-1/2" WEDGE-441 23# P-110CY CASING JOINT, INNOVEX FLOAT COLLAR,(1) MJ 5-1/2" WEDGE-441 23# P-110CY CASING JOINT, LANDING COLLAR, (138) 5-1/2" WEDGE-441 23# P-110CY CASING JOINTS, (1) WEDGE 441 23# P-110CY XO TXP, NCS FLOATATION COLLAR @ 10,814.80', (2) 5-1/2" TXP 23# P-110CY CASING JOINTS, (1) 5-1/2" TXP 23# P-110CY MARKER JOINT, FOLLOWED BY (244) 5-1/2" TXP 23# P-110CY CASING JOINTS, P/U STEAM FLO LANDING JOINT W/ CASING HANGER, LAND CASING IN WELL HEAD. TOTAL CASING RUN INCLUDING 3.8' STICKUP IS 16,753.76'.
03:00	03:45	0.75	PROD1	CEMENT	RURD	P	16,770.0	16,770.0	R/D BYRD CASING CREW EQUIPMENT WHILE FILLING UP CASING. RIG UP HALLIBURTON CEMENT HEAD.
03:45	06:00	2.25	PROD1	CEMENT	CIRC	P	16,770.0	16,770.0	PRESSURE UP TO 2,285 PSI TO RUPTURE INNOVEX AIR LOCK FLOAT SUB. FILL AIR CHAMBER AND PUMP BOTTOMS UP (401 BBSL / 6,324 STKS) @ 5 BPM @ 2700 PSI W/ FULL RETURNS










Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	EMPLOYEE	1		0.00
CONOCOPHILLIPS CO	ONSITE SUPERVISOR	CONTRACTOR	1		0.00
H & P	TOOL PUSHER/RIG MGR	CONTRACTOR	2		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
H & P	RIG CREW	CONTRACTOR	6		0.00
KAT ENERGY SERVICES	SOLIDS CONTROL EQUIP/PERSONNEL	CONTRACTOR	2		0.00
INTREPID DIRECTIONAL SERVICES LTD	DD/MWD	CONTRACTOR	4		0.00
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00









Survey Data

Date	Des	Survey Company















Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITIONED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reconditioned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reconditioned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERRA	U716S	Reconditioned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reconditioned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reconditioned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reconditioned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reconditioned					5335420	11,268.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	D405VTS	Reconditioned					5331693	12,679.00	0.00		0.0	REG	6.00	

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 5302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/20/2023
Report #: 26
Actual Days: 24.88

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPI D 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		
5" UBHO		5 1/4	2.25	67.20		4.30	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	* ADD A VENDOR	IDSBT500634		
INTREPI D 5.75" 9/10 11.0 FBH @1.50 TS		5 1/2	2.00	80.00		39.40	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR	* ADD A VENDOR	XSH57100		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,750.0	-3.8	2/20/2023	4.55	23.00		

Well Info												
API / UWI 4230136071		Region / Division DELAWARE BASIN			District DELAWARE BASIN SOUTH			Field Name PHANTOM WOLFCAMP		Original Spud Date 10/29/2022		
County LOVING			State/Province TEXAS			Original KB/RT Elevation (ft) 2,820.00			Ground Elevation (ft) 2,794.00			
Job Summary												
Job Category DRILLING			Last Casing String Production1, 16,750.0ftKB				AFE Dur Total (days) 16.00		Total AFE (Cost) 3,842,178.53		Cumulative Cost (Cost) 4,634,052.71	
Daily Ops Summary												
Rig (Names) HELMRICH AND PAYNE DRILLING COMPANY H & P 625				Wellbore Original Hole		End Depth (ftKB) 16,770.0		Depth Progress (ft) 0.00		Daily Cost Total (Cost) 191,549.17		
Weather Clear			Hole Condition GOOD			Drilling Hours (hr)		Avg ROP (ft/hr)		Cum TL Days from Spud (..) 16.71		
Ops and Depth @ Morning Report RELEASE H&P 625 FROM UL 20 GOLDSPOON 2901H @ 18:00 HRS 2/21/23.												
Last 24hr Summary CEMENT 5-1/2" PRODUCTION CASING, SET PACK OFF, NIPPLE DOWN B.O.P.E, SKID RIG F/ UL 20 GOLDSPOON 2901H T/ UL 20 GOLDSPOON B 2902H												
***RIG RELEASE H&P 625 @ 18:00 HRS CST ON 02/21/23 F/ UL 20 GOLDSPOON 2901H TO UL 20 GOLDSPOON B 2902H ***												
TRANSFERED 15,300 GALLONS OF RIG DIESEL AND 6,894 GALLONS OF MUD DIESEL TO THE UL 20 GOLDSPOON B 2902H												
24hr Forecast FINAL REPORT FOR UL 20 GOLDSPOON 2901H												
Time Log												
Start Time	End Time	Dur (hr)	Phase	Op Code	Activity Code	Time P-T-X	Start Depth (ftKB)	End Depth (ftKB)	Operation			
06:00	07:15	1.25	PROD1	CEMENT	CIRC	P	16,770.0	16,770.0	FINISH CIRCULATING 1-1/2" TIMES CASING VOLUME.			
07:15	10:45	3.50	PROD1	CEMENT	CMNT	P	16,770.0	16,770.0	HOLD PJSM RIG UP HALLIBURTON CEMENT EQUIPMENT, TEST CEMENT IRON LINES TO 9,500 PSI, CEMENT AS FOLLOWS : PUMP 80 BBL SPACER, LEAD W / 730 SX (215 BBLS), 1.65 YLD, 12.5 PPG TAIL 460 SX (115 BBLS) 1.4 YLD 13.2 PPG, DROP BOTTOM (1,500 PSI) PLUG, PUMP 10 BBLS MMCR WATER, DROP TOP (3,000 PSI) PLUG DISPLACE WITH 343 BBLS BRINE WATER WITH MMCR, FINAL RATE 3 BPM, BUMP BOTTOM PLUG @ 3,600 PSI, PRESSURE UP TO 4,300 PSI AND RUPTURE, LAND TOP PLUG @ 3,700 PSI, PRESSURE UP TO 4,400 PSI, BLED BACK 4 BBLS, PLUG DOWN @ 10:40 HRS ON 2/21/23, CIRCULATED 30 BBLS (102 SX) CEMENT TO SURFACE.			
10:45	11:15	0.50	PROD1	CEMENT	RURD	P	16,770.0	16,770.0	HOLD PJSM RIG DOWN HALLIBURTON CEMENTING EQUIPMENT.			
11:15	12:15	1.00	PROD1	CEMENT	CIRC	P	16,770.0	16,770.0	FLUSH OUT BOP AND FLOW LINE.			
12:15	14:15	2.00	PROD1	WHDBOP	RURD	P	16,770.0	16,770.0	BACK OUT LANDING JOINT AND LAY OUT. DRESS LANDING JOINT WITH PACKOFF SEAL ASSEMBLY AND INSTALL AND PULL TEST 20K OVER. TEST PACKOFF T/ 10,000 PSI FOR 15 MINUTES (GOOD TEST), RIG DOWN CASING ELEVATORS.			
14:15	17:00	2.75	PROD1	WHDBOP	NUND	P	16,770.0	16,770.0	HOLD PJSM WITH H&P RIG CREW, ALLEGIAN NIPPLE DOWN CREW, STREAMFLO, & COP ON -SITE SUPERVISOR. BACK OUT SPEED HEAD, LIFT B.O.P.E, INSTALL TA CAP & TEST.			
17:00	18:00	1.00	PROD1	WHDBOP	RURD	P	16,770.0	16,770.0	REMOVE/RAISE FLOWLINE, RIG DOWN MUD LINES, AIR LINES WATER LINES, AND PREP RIG TO SKID F/UL 20 GOLDSPOON 2901H T/UL 20 B GOLDSPOON 2902H. ***RIG RELEASE H&P 625 @ 18:00 HRS CST ON 02/21/23 F/ UL 20 GOLDSPOON 2901H TO UL 20 GOLDSPOON B 2902H *** ***TRANSFERED 15,300 GALLONS OF RIG DIESEL AND 6,894 GALLONS OF MUD DIESEL TO THE UL 20 GOLDSPOON B 2902H*** ***FINAL DRILLING REPORT FOR THE UL 20 GOLDSPOON 2901H***			
Head Count / Manhours												
Company		Function			Personnel Type		Count	Time (hr)	Tot Work Time (hr)			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR			EMPLOYEE		1		0.00			
CONOCOPHILLIPS CO		ONSITE SUPERVISOR			CONTRACTOR		1		0.00			
H & P		TOOL PUSHER/RIG MGR			CONTRACTOR		2		0.00			
H & P		RIG CREW			CONTRACTOR		6		0.00			
H & P		RIG CREW			CONTRACTOR		6		0.00			
KAT ENERGY SERVICES		SOLIDS CONTROL EQUIP/PERSONNEL			CONTRACTOR		2		0.00			
INTREPID DIRECTIONAL SERVICES LTD		DD/MWD			CONTRACTOR		4		0.00			
Page 1/4												
Report Printed: 2/22/2023												










Head Count / Manhours

Company	Function	Personnel Type	Count	Time (hr)	Tot Work Time (hr)
AES DRILLING FLUIDS	MUD/CHEMICAL PERSONNEL	CONTRACTOR	1		0.00







Survey Data

Date	Des	Survey Company















Drill Bits

Type	Icon	Size (in)	Len (ft)	Make	Model	Used Class	1	2	3	4	SN	Depth Drilled Start (ft)	Start Hrs (hr)	Pass Dia (in)	Conn Sz (in)	Thread	Gauge Length (ft)	Note
PDC		14 3/4	1.50	REV	616	REC ONDITION ED	D	1	1	1	10035	120.00	0.00					
PDC		8 3/4	1.00	NOV REED	TKC66-AT4	Reco nditio ned					A293779	1,176.00	0.00		0.0	REG		
PDC		8 3/4	1.30	BAKER HUGHE S	D507VTW X	Reco nditio ned	M	2	3	3	5331601	8,567.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	ULTERR A	U716S	Reco nditio ned					61571	9,351.00	0.00		0.0	REG	0.60	
PDC		8 3/4	1.00	NOV REED	TKC76 N-4	Reco nditio ned					A290722	10,710.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5334371	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5327118	11,250.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	DD306VTH WS	Reco nditio ned					5335420	11,268.00	0.00		0.0	REG		
PDC		6 3/4	1.00	BAKER HUGHE S	D405VTS	Reco nditio ned					5331693	12,679.00	0.00		0.0	REG	6.00	

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
INTEGRITY MOTOR 8" 7/8 4.0 1.83 ° ABH		7 3/4	3.00	149.90		29.16	1	Mud Motor	Reg	6 5/8	Reg	6 5/8	* ADD A VENDOR		INT 775-006		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752 152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS701 29		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS67 530204 9		

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft•lb)	Tq Max (ft•lb)
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	31.66	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		7 7/8	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		6 1/2	3.25	149.80	S135	28.38	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		6 5/8	2.88	149.80	S135	3.53	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
8 5/8" BLAIR TOOLS ROLLER REAMER		6 3/4	3.06	149.80	S135	7.18	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		161-23		
7" INTREPID 7/8 6.9S 1.75° FBH W/ 8.25" NBS, BFF		6 3/4	0.00	149.80	S135	32.16	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		



178.Daily Partner Report
UL 20 GOLD SPOON 2901H

Report Date: 2/21/2023
Report #: 27
Actual Days: 25.38

Drill String Components

Item Des	Icon	OD (in)	ID (in)	Mass/Len (lb/ft)	Grade	Len (ft)	Jts	Type	Top Thread	Top Conn Sz (in)	Btm Thread	Btm Conn Sz (in)	Make	Model	SN	Mk-up Tq (ft*lb)	Tq Max (ft*lb)
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		AWS675302049		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	NC 50	4 1/2	NC 50	4 1/2	* ADD A VENDOR		BT6752152		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	NC 50	4 1/2	Reg	4 1/2	* ADD A VENDOR		XSS70137		
NON MAG DRILL COLLAR		5	2.69	149.80	S135	29.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		GT4730785		
UBHO		5	2.25	149.80	S135	4.30	1	MWD	XT-39	4 1/2	XT-39	4 1/2	* ADD A VENDOR		IDSBT500639		
5" INTREPID 6/7 8.0 1.83°/4.1 BTB		5	0.00	149.80	S135	33.75	1	Mud Motor	XT-39	4 1/2	REG	3 1/2	* ADD A VENDOR		XSS50080		
5" UBHO		5 1/4	2.25	67.20		4.30	1	MWD	XT39	4	XT39	4	* ADD A VENDOR	* ADD A VENDOR	IDSBT500634		
INTREPID 5.75" 9/10 11.0 FBH @1.50 TS		5 1/2	2.00	80.00		39.40	1	Mud Motor	XT39	4	NC40	4	* ADD A VENDOR	* ADD A VENDOR	XSH57100		

Drilling Parameters

Start Depth (ftKB)	End Depth (ftKB)	Cum Depth (ft)	Drilling Time (hr)	Sliding Time (hr)	Int ROP (ft/hr)	Flow Rate (gpm) (gpm)	WOB (1000lbf)	RPM (rpm)	SPP (psi)	Drill Tq	TFO (°)	dP (SPP) (psi)

Casing Strings

Csg Des	OD (in)	Set Depth (ftKB)	Top (ftKB)	Run Date	Drift Min (in)	Wt/Len (lb/ft)	P LeakOff (psi)	Dens Fluid (lb/gal)
Conductor	20	120.0	0.0	10/15/2022	18.94	94.00		
Surface	10 3/4	1,176.0	0.0	11/1/2022	9.88	45.50	1,016.1	16.49
Intermediate1	7 5/8	11,230.0	-4.6	2/9/2023	6.75	29.70	8,759.4	14.99
Production1	5 1/2	16,750.0	-3.8	2/20/2023	4.55	23.00		