



DAILY DRILLING REPORT

RPT DATE: 3/20/2022

RPT NUM.: 1

RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / ELWYN EVANS
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE:
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION:	RKB:
SPUD DATE:	DFS:	DOL:
MD/TVD: 0 FT/0 FT	24 HR FTG:	HRS DRLG:

PRESENT OPERATIONS: RIGGING DOWN ON THE PAHASKA S004H TO MOVE
ACTIVITY PLANNED: MOVE RIG AND CAMPS TO YELLOWTAIL WB 8H

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/20/2022	3/21/2022	None	RIGGING OUT / LOWER SUBS / LOWER DERRICK / WORKING WITH RIG MOVE TRUCKS

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00

00:00 - 06:00 RIG OUT MUD TANKS, RIG OUT PUMPS, PULL ELECTRICAL CABLES, RIG DOWN BACKYARD TO MOVE, RECON PRESSURE WASHERS WASHING DERRICK

** TRANSFERRED 2432G DIESEL FROM PAHASKA S004H TO YELLOWTAIL WB 8H

GAS/DIESEL USAGE: 40% CNG/60% DIESEL

LAST B.O.P TEST:

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (0 HRS TOTAL)

NON-PRODUCTIVE TIME, 0HRS (0 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$30,244	CUM DRILL COST:	\$30,244	CUM MUD COST:	CUM WELL COST:	\$30,244
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
								0						

BIT NO.	INNER:	OUTER:	DULL:	LOC:	SEAL:	GAUGE:	OTHER:	RP:
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PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH

DESCRIPTION:	BHA WT. AIR:	BHA WT. MUD:	HRS. ON JARS:
LENGTH:	P.U. WT.:	S.O. WT.:	TORQUE:
ROT. WT.:			

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel	2,432	200	2,232
CNG			
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	24
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	156
AES DRILLING FLUIDS	MUD ENGINEER	1	24	24
ALTITUDE	2DD'S, 2 MWD HANDS			
STAGE 3	2 SOLID CONTROL HANDS	2	24	24

IMPAC	2 MUD LOGGERS				
BRADY	RIG MOVERS	6	72	72	

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DAILY DRILLING REPORT

RPT DATE: 3/21/2022

RPT NUM.: 2

RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H
 FIELD: Phantom (Wolfcamp)
 AFE #: 22DC054
 CONTRACTOR: Unit
 SPUD DATE:
 MD/TVD: 0 FT/0 FT
 PRESENT OPERATIONS: RIGGING UP
 ACTIVITY PLANNED: CONTINUE TO RIG IN TO SPUD

JOB:
 LEASE: UL Yellowtail H 21-29-17 WB
 API #: 4249534698
 ELEVATION:
 DFS:
 24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / ELWYN EVANS
 RIG PHONE:
 EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
 RKB:
 DOL: 1
 HRS DRLG:

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/20/2022	3/21/2022		RIGGING OUT / WORKING WITH RIG MOVE TRUCKS / RIGGING IN

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00

00:00 - 06:00 CONTINUE TO RIG IN BACKYARD, PULL CABLES, RIG IN MUD TANKS, RUNNING LINES IN DERRICK TO BE READY FOR STRING UP,

RIG MOVE PROGRESS:

45 HRS FROM RIG RELEASE @ 00:00HRS
 6.5MI MOVE
 90% OF RIG LOADS MOVED, 60% RIGGED UP ON NEW SITE
 13 HAUL TRUCKS, 3 CRANES, 2 POLE TRUCKS , 2 LOADERS

GAS/DIESEL USAGE: 40% CNG/60% DIESEL

LAST B.O.P TEST:

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (0 HRS TOTAL)

NON-PRODUCTIVE TIME, 0HRS (0 HRS TOTAL)

COST DATA

DRILLING AFE AMT: DAILY DRILL COST: \$10,091 CUM DRILL COST: \$20,183 CUM MUD COST: CUM WELL COST: \$20,183

BOP

LAST BOP TEST: LAST BOP DRILL: NEXT BOP TEST:

CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
								0						

BIT NO. INNER: OUTER: DULL: LOC: SEAL: GAUGE: OTHER: RP:

PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH

DESCRIPTION: LENGTH: BHA WT. AIR: BHA WT. MUD: HRS. ON JARS:
 ROT. WT.: P.U. WT.: S.O. WT.: TORQUE:

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel			2,232
CNG			
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	48

UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	312	
AES DRILLING FLUIDS	MUD ENGINEER	1	24	48	
ALTITUDE	2DD'S, 2 MWD HANDS				
STAGE 3	2 SOLID CONTROL HANDS	2	24	48	
IMPAC	2 MUD LOGGERS				
BRADY	RIG MOVERS	22	264	336	
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DAILY DRILLING REPORT

RPT DATE: 3/22/2022
RPT NUM.: 3
RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / ELWYN EVANS
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE:
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION:	RKB:
SPUD DATE:	DFS:	DOL: 2
MD/TVD: 0 FT/0 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: RIGGING IN TO SPUD		
ACTIVITY PLANNED: COMPLETE RIG IN, P/U COLLARS		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/20/2022	3/21/2022	None	WORKING WITH RIG MOVE TRUCKS / RIGGING IN / DOUBLE CRANE OPERATIONS

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00

00:00 – 06:00 CONTINUE RIGGING IN FLOOR, MUD TANKS, RUN LINES ON FLOOR

RIG MOVE PROGRESS:

69 HRS FROM RIG RELEASE @ 00:00HRS
 6.5MI MOVE
 100% OF RIG LOADS MOVED, 75% RIGGED UP ON NEW SITE
 4 HAUL TRUCKS, 2 CRANES, 1 POLE TRUCK, 2 LOADERS
 TRUCKING COMPANY FINISHED UP 19:00HRS

LOADS MOVED DAY ONE: 26
 LOADS MOVED DAY TWO: 54
 LOADS MOVED DAY THREE: 14
 TOTAL RIG MOVE LOADS : 94

GAS/DIESEL USAGE: 40% CNG/60% DIESEL
 LAST B.O.P TEST:
 NO ACCIDENTS, INCIDENTS, OR SPILLS
 DOWNTIME 0 HRS (0 HRS TOTAL)
 NON-PRODUCTIVE TIME, 0HRS (0 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST: \$42,273	CUM DRILL COST: \$62,455	CUM MUD COST:	CUM WELL COST: \$62,455
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
								0						

BIT NO.	INNER:	OUTER:	DULL:	LOC:	SEAL:	GAUGE:	OTHER:	RP:
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PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH

DESCRIPTION:	BHA WT. AIR:	BHA WT. MUD:	HRS. ON JARS:
LENGTH:	P.U. WT.:	S.O. WT.:	TORQUE:
ROT. WT.:			

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel	7,201	200	9,233
CNG			
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments

PERSONNEL					
Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours	
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	72	
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	468	
AES DRILLING FLUIDS	MUD ENGINEER	1	24	72	
ALTITUDE	2DD'S, 2 MWD HANDS				
STAGE 3	2 SOLID CONTROL HANDS	1	12	60	
IMPAC	2 MUD LOGGERS				
BRADY	RIG MOVERS	7	84	420	
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DAILY DRILLING REPORT

RPT DATE: 3/23/2022
RPT NUM.: 4
RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE:
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION:	RKB:
SPUD DATE:	DFS:	DOL: 3
MD/TVD: 0 FT/0 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: RIGGING UP TO SPUD		
ACTIVITY PLANNED: COMPLETE RIG IN, P/U COLLARS, SPUD WELL.		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/23/2022	3/24/2022	None	RIGGING UP/ PINCH POINTS

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00

00:00 – 06:00 INSTALL FLEX LINE BETWEEN SHAKER MANIFOLD AND FLOW LINE. HOOK UP DERRICK BOARD CAMERA. SET LINE BACKERS. REMOVE AND REPLACE BENT LINKS IN DRAG CHAIN.

ESTIMATED SPUD TIME 15:00 HRS 3-24-22

RIG MOVE PROGRESS:
93 HRS FROM RIG RELEASE @ 00:00HRS
6.5MI MOVE 100% OF RIG LOADS MOVED, 95% RIGGED UP ON NEW SITE
4 HAUL TRUCKS, 2 CRANES, 1 POLE TRUCK, 2 LOADERS
TRUCKING COMPANY FINISHED UP 19:00HRS

LOADS MOVED DAY ONE: 26
LOADS MOVED DAY TWO: 54
LOADS MOVED DAY THREE: 14
TOTAL RIG MOVE LOADS : 94

GAS/DIESEL USAGE: 100% CNG/0% DIESEL
LAST B.O.P TEST:
NO ACCIDENTS, INCIDENTS, OR SPILLS
DOWNTIME 0 HRS (0 HRS TOTAL)
NON-PRODUCTIVE TIME, 0HRS (0 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$41,542	CUM DRILL COST:	\$103,997	CUM MUD COST:	CUM WELL COST:	\$103,997
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
								0						

BIT NO.

INNER:	OUTER:	DULL:	LOC:	SEAL:	GAUGE:	OTHER:	RP:
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PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	WEATHERFORD	EQ-2200	5.000	12.000				0.00176	95					1609
2	WEATHERFORD	EQ-2200	5.000	12.000				0.00176	95					1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH

DESCRIPTION:	BHA WT. AIR:	BHA WT. MUD:	HRS. ON JARS:
LENGTH:	P.U. WT.:	S.O. WT.:	TORQUE:
ROT. WT.:			

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel	7,010	1,592	14,651
CNG			
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	UD, CASING AND CEME	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT

PERSONNEL						
Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours		
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	96		
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HF	13	156	624		
AES DRILLING FLUIDS	MUD ENGINEER	1	24	96		
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	12		
STAGE 3	2 SOLID CONTROL HANDS	1	12	72		
IMPAC	2 MUD LOGGERS	2	12	12		



DAILY DRILLING REPORT

RPT DATE:
RPT NUM.:
RIG:

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE:
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION:	RKB:
SPUD DATE:	DFS:	DOL: 3
MD/TVD: 0 FT/0 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: RIGGING UP TO SPUD		
ACTIVITY PLANNED: COMPLETE RIG IN, P/U COLLARS, SPUD WELL.		

COST BREAKDOWN

Code	Description	Daily Cost	Vendor	Remarks
2250-40		\$ 6,375	UNIT DRILLING	DAY RATE \$22500/MOB: \$19125 OBM + 375
2250-65	RIG FUEL.ELEC.WATER&FRAC WATR	\$ 29,225	BLUE STREAK	RIG FUEL 7010 G @ 4.1683/G
2250-70	CORVA	\$ 86	CORVA	258 CORVA DAILY COST
2250-70	HOUSING	\$ 172	CIVEO	515.31 CAMP HOUSING X5, TRANSFORMER
2250-70	INTERNET, PHONES, COMS	\$ 47	INFRASTRUCTURE NETWORKS	140 INTERNET, PHONES, COMS
2250-70	PASON	\$ 30	PASON	60 OFFICE PASON
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 4	SKYPORT INC.	13.33 SKYPORT SUPERINTENDENT RENTAL
2250-70	SUPERINTENDENT CAMP	\$ 6	WOLFPACK RENTALS	19.33 SUPERINTENDENT CAMP
2250-70	WATER FLEET DAILY RENTAL	\$ 187	WATERFLEET	560 WATER FLEET DAILY RENTAL
2250-70	WELLDRIVE	\$ 36	WELLDRIVE	107 WELLDRIVE
2250-75	DELIVER BEARING TOOL	\$ 375	TO A TEE	DELIVER BEARING TOOL
2250-75	DELIVERED 22 JNTS OF DRILL PIPE	\$ 675	TO A TEE	DELIVERED 22 JNTS OF DRILL PIPE
2250-75	DELIVERED SURFACE DIR TOOLS	\$ 1,175	TO A TEE	DELIVERED SURFACE DIR TOOLS
2250-80	DRILLING AVISOR	\$ 17	FOCUSED DRILLING & COMPLETIONS LLC	50 DRILLING AVISOR
2250-80	DRILLING SUPERINTENDANT	\$ 244	CRESCENT CONSULTING	733 DRILLING SUPERINTENDANT
2250-80	WELLSITE SUPERVISOR BLODGETT/ EVANS	\$ 1,333	OIL CITY DRILLING SERVICES, LLC	4000 WELLSITE SUPERVISOR
2250-95	BOS 3 TANK AND HOG TROUGH	\$ 487	STAGE 3 SEPARATION	1460 BOS 3 TANK AND HOG TROUGH
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 252	SKEWL ENERGY SERVICES	755 FORKLIFTS, MANLIFT, LIGHT TOWERS
2250-95	TANK FARM AND PUMPS	\$ 816	SKEWL ENERGY SERVICES	2448 TANK FARM AND PUMPS
Total:		\$ 41,542		

TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	06:00	6.0	RIG MOVE IN	RIG UP & TEAR DOWN				CONTINUE RIGGING IN FLOOR, MUD TANKS, MUD LINES, CHANGE LINERS, RUN LINES ON FLOOR.
06:00	10:00	4.0	RIG MOVE IN	RIG UP & TEAR DOWN				INSTALL DRAWWORKS GUARDS, HOOK UP HYDRAULIC HOSES FROM ODS TO TRANSITION, HOOK UP HOIST CONTROL PANEL & SPOOL UP HYDRAULIC HOIST. UNPIN AND BOLT UP TRACK EXTENSION. CUT 65' OF DRILL LINE, PERFORM BRAKE TEST, SPOOL UP DRAWWORKS. UNPIN TDS FROM PARK POSITION, REMOVE ACTUATOR FROM I-BOP, INSTALL ON NEW I-BOP. TROUBLESHOOT LUBE PUMP FAULT ON TDS. RIG UP ELEVATORS, I-BOP, LOWER KELLY VALVE, SAVER SUB ON TDS. PERFORM 120-DAY INSPECTION ON TDS W/CANRIG TECH. C/O PRESSURE TRANSDUCER, CHANGE OIL AND FILTERS ON TDS.
10:00	18:00	8.0	RIG MOVE IN	RIG UP & TEAR DOWN				SET PDS IN POSITION AND RAISE TO FLOOR. C/O HUB ON TRACTION MOTOR ON # 1 PUMP, C/O 4" VALVE ON #2 PUMP. DRESS OUT RIG FLOOR, HOOK UP INLINE SCREEN AND MUD HOSE, HOOK UP STANDPIPE. REPLACE ROLLER ON LEFT VERTICAL ARM ON PDS WITH MECHANIC, FUNCTION TEST PDS.
18:00	00:00	6.0	RIG MOVE IN	RIG UP & TEAR DOWN				HOOK UP MUD LINES TO MUD HOUSE. GROUND RIG EQUIPMENT. PULL LOOSE CABLES IN DRAG CHAIN, REMOVE AND REPLACE BENT LINKS IN DRAG CHAIN.

TOTAL HRS **24.0**



DAILY DRILLING REPORT

RPT DATE: 3/24/2022
RPT NUM.: 5
RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE: 432=355=3112
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 21.5
SPUD DATE: 3/25/2022	DFS:	DOL: 4
MD/TVD: 0 FT/0 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: MAKING UP SURFACE BHA		
ACTIVITY PLANNED: MAKE UP BHA, DRILL 12.25" SURFACE		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/24/2022	3/25/2022	None	RIGGING UP/ PICKING UP BHA

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00

00:00 – 03:00: MAKE UP DIRECTIONAL BHA AS FOLLOWS: (NOV TKC5612.25") 8X13's JETS (TFA 1.04) 9.625" MOTOR 7/8, 5.9 STG, SET AT 1.50" 0.16 REV/GAL, MAX DIFF 1330 PSI, 12" BLADE STAB, FLOW RANGE 400-900, 1- 12" NORTRAC STAB., 1- 8" UBHO, 1-8" NMDC, 1- 12" NORTRAC STAB. 1- NMDC, XO, 3 - 8" DC, XO, 9 - 6.5" DC, XO, 12 - 5" HWDP. BIT TO SURVEY =66", BIT TO GAMMA = 60'

03:00 – 06:00: ROTATE DRILL 12.25" SURFACE F/ 110' – 400' (290' @ 96 FPH) 500-650 GPM, 35 RPM, 200 DIFF, 8-15 WOB, 10-12K TQ, 100% RETURNS

RIG MOVE PROGRESS:

117 HRS FROM RIG RELEASE @ 00:00HRS
6.5MI MOVE 100% OF RIG LOADS MOVED, 100% RIGGED UP ON NEW SITE
4 HAUL TRUCKS, 2 CRANES, 1 POLE TRUCK, 2 LOADERS
TRUCKING COMPANY FINISHED UP 19:00HRS

LOADS MOVED DAY ONE: 26
LOADS MOVED DAY TWO: 54
LOADS MOVED DAY THREE: 14
TOTAL RIG MOVE LOADS : 94

GAS/DIESEL USAGE: 100% CNG/0% DIESEL

LAST B.O.P TEST:

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (0 HRS TOTAL)

NON-PRODUCTIVE TIME, 0HRS (0 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$34,646	CUM DRILL COST:	\$138,642	CUM MUD COST:	\$4,555	CUM WELL COST:	\$138,642
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)				PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP	
7:00	8.4	27.0			99/1	1	1	1	1	1	1	1,800							0.30	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A282230	8x13	1.040	N	0						

BIT NO.	INNER:	OUTER:	DULL:	LOC:	SEAL:	GAUGE:	OTHER:	RP:
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PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	WEATHERFORD	EQ-2200	5.000	12.000				0.00176	95					1609
2	WEATHERFORD	EQ-2200	5.000	12.000				0.00176	95					1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH

DESCRIPTION:	BHA WT. AIR:	BHA WT. MUD:	HRS. ON JARS:
LENGTH:	P.U. WT.:	S.O. WT.:	TORQUE:
ROT. WT.:			

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		592	14,059
CNG			
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments

3/23/2022	18:00	UD, CASING AND CEMENT	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	120
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	780
AES DRILLING FLUIDS	MUD ENGINEER	1	24	120
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	24
STAGE 3	2 SOLID CONTROL HANDS	1	12	84
IMPAC	2 MUD LOGGERS	2	12	24



DAILY DRILLING REPORT

RPT DATE:

RPT NUM.:

RIG:

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H

FIELD: Phantom (Wolfcamp)

AFE #: 22DC054

CONTRACTOR: Unit

SPUD DATE: 3/25/2022

MD/TVD: 0 FT/0 FT

PRESENT OPERATIONS: MAKING UP SURFACE BHA

ACTIVITY PLANNED: MAKE UP BHA, DRILL 12.25" SURFACE

JOB:

LEASE: UL Yellowtail H 21-29-17 WB

API #: 4249534698

ELEVATION: 2763

DFS:

24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM

RIG PHONE: 432=355=3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB: 21.5

DOL: 4

HRS DRLG:

COST BREAKDOWN

Code	Description	Daily Cost	Vendor	Remarks
2250-40		\$ 6,375	UNIT DRILLING	DAY RATE \$22500/MOB: \$19125 OBM + 375
2250-70	CORVA	\$ 86	CORVA	258 CORVA DAILY COST
2250-70	HOUSING	\$ 172	CIVEO	515.31 CAMP HOUSING X5, TRANSFORMER
2250-70	INTERNET, PHONES, COMS	\$ 47	INFRASTRUCTURE NETWORKS	140 INTERNET, PHONES, COMS
2250-70	PASON	\$ 30	PASON	60 OFFICE PASON
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 4	SKYPORT INC.	13.33 SKYPORT SUPERINTENDENT RENTAL
2250-70	SUPERINTENDENT CAMP	\$ 6	WOLFPACK RENTALS	19.33 SUPERINTENDENT CAMP
2250-70	WATER FLEET DAILY RENTAL	\$ 187	WATERFLEET	560 WATER FLEET DAILY RENTAL
2250-70	WELLDRIIVE	\$ 36	WELLDRIIVE	107 WELLDRIIVE
2250-80	DRILLING AVISOR	\$ 17	FOCUSED DRILLING & COMPLETIONS LLC	50 DRILLING AVISOR
2250-80	DRILLING SUPERINTENDANT	\$ 244	CRESCENT CONSULTING	733 DRILLING SUPERINTENDANT
2250-80	WELLSITE SUPERVISOR BLODGET/ EVANS	\$ 1,333	OIL CITY DRILLING SERVICES, LLC	4000 WELLSITE SUPERVISOR
2250-95	BOS 3 TANK AND HOG TROUGH	\$ 487	STAGE 3 SEPARATION	1460 BOS 3 TANK AND HOG TROUGH
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 252	SKEWL ENERGY SERVICES	755 FORKLIFTS, MANLIFT, LIGHT TOWERS
2250-95	TANK FARM AND PUMPS	\$ 816	SKEWL ENERGY SERVICES	2448 TANK FARM AND PUMPS
2250-105	CASING CREW & EQUIPMENT	\$ 2,200	4 STAR USA	CDT 9 5/8"
2250-115	DIRECTIONAL DRILLING & SURVEYS	\$ 17,800	ALTITUDE ENERGY PARTNERS	DAILY DIRECTIONAL COST
2250-125	DRILLING & COMPLETION FLUIDS	\$ 4,555	AES DRILLING FLUIDS INC	DAILY MUD COST
Total:		\$ 34,646		

TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	06:00	6.0	RIG MOVE IN	RIG UP & TEAR DOWN				INSTALL FLEX LINE BETWEEN SHAKER MANIFOLD AND FLOW LINE. HOOK UP DERRICK BOARD CAMERA. SET LINE BACKERS. REMOVE AND REPLACE BENT LINKS IN DRAG CHAIN.
06:00	19:00	13.0	RIG MOVE IN	RIG UP & TEAR DOWN				RIG UP GAS BUSTER. RIG UP CHOKE LINES, VENT LINES TO MUD MANIFOLD. RIG UP WALKING FEET HYDRAULICS. FILL PITS WITH FRESH WATER. FUNCTION TEST TROUGH PUMPS. PRESSURE TEST RIG SYSTEM TO 2500 PSI. RUN CAMP POWER TO RIG. RIG UP FLOWLINE. LOAD PDS WITH HANDLING TOOLS.
19:00	22:00	3.0	RIG MOVE IN	RIG UP & TEAR DOWN				RIG UP DIVERTER, TURN BUCKLES AND FILL UP LINE AND INSTALL TRIP NIPPLE. RIG UP 2" JETS ON FLOWLINE. STRAP DRILL COLLARS WHILE NIPPLING UP.
22:00	00:00	2.0	RIG MOVE IN	PU BHA				PICK UP AND RACK BACK 1 STAND 8" DRILL COLLARS, 3 STANDS 6/5" COLLARS WITH DRILL DOWN SUBS, AND 1 STAND OF HWDP. MOVE OVER DIRECTIONAL BHA. CATWALK REMOTE STOPPING INTERMITTENTLY, SLOWING DOWN PICKING UP TOOLS.



DAILY DRILLING REPORT

RPT DATE: 3/25/2022
RPT NUM.: 6
RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE: 432-355-3112
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 21.5
SPUD DATE: 3/25/2022	DFS: 0.9	DOL: 5
MD/TVD: 3829 FT/3747 FT	24 HR FTG: 3829	HRS DRLG: 20.5
PRESENT OPERATIONS: DRILLING 12.25" SURFACE AT 3,829'		
ACTIVITY PLANNED: DRILL SURFACE TO TD, TOOH AND RUN SURFACE CASING		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/25/2022	3/26/2022	None	MAKING CONNECTIONS/HOUSEKEEPING

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00
 SPUD UL YELLOWTAIL H 21-29-17 WB 8H ON 3/25/2022 @ 03:00 HRS (TOTAL RIG MOVE 5 DAYS 0 HRS)

00:00 - 05:00: ROTATE DRILL 12.25" SURFACE F/ 3,829' - 4,391' (562' @ 112 FPH) 850 GPM, 50-60 RPM, 800 DIFF, 45-50 WOB, 12-19K TQ, 100% RETURNS
 SLIDE: 4040'-4060' TF: 150R
 SLIDE: 4221'-4235', TF 160L
 SLIDE: 4298'-4323', TF 160L

05:00 - 05:30: RIG SERVICE

05:30 - 06:00: ROTATE DRILL 12.25" SURFACE F/ 4,391' - 4,500' (109' @ 109 FPH) 850 GPM, 50-60 RPM, 800 DIFF, 45-50 WOB, 12-19K TQ, 100% RETURNS

GAS/DIESEL USAGE: 55% CNG/45% DIESEL
 LAST B.O.P TEST:
 NO ACCIDENTS, INCIDENTS, OR SPILLS
 DOWNTIME 0 HRS (0 HRS TOTAL)
 NON-PRODUCTIVE TIME, 0HRS (0 HRS TOTAL)

COST DATA

DRILLING AFE AMT: DAILY DRILL COST: \$118,299 CUM DRILL COST: \$256,941 CUM MUD COST: \$6,139 CUM WELL COST: \$256,941

BOP

LAST BOP TEST: LAST BOP DRILL: NEXT BOP TEST:

CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	9.9	28.0				1 1 1	1	1	15,600						1.40	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A282230	8x13	1.040	N	110	3,829	3,719	19.5	50	136	190.7

BIT NO. INNER: OUTER: DULL: LOC: SEAL: GAUGE: OTHER: RP:

PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	WEATHERFORD	EQ-2200	5.000	12.000	85	3350	410	0.00176	95	10.0	161	234		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	85	3350	410	0.00176	95	10.0	161	234		1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-TKC56	12.25		1.5	7	Monel Collar-NMDC	8	3.5	30.62
2	Motor-9.625 Combo 7/8 5.9 (0.16 RPG) w	9.63		37.68	8	X-Over-X-OVER	7.69	2.81	2.31
3	Stabilizer-STABILIZER	8.25	2.81	7.48	9	Drill Collar-3 X 8" Drill Collars	8	3	90.96
4	MWD Tool-SHOCKMISER	8		2.97	10	X-Over-X-OVER 4 1/2 XH x NC56	7.75	2.88	2.89
5	Monel Collar-NMDC	8.13	3.5	30.06	11	Drill Collar-9 X 6 1/2" Drill Collar	6.5	2.63	274.57
6	Stabilizer-NM STABILIZER	8.31	3.5	7.3	12	X-Over-X-OVER 4 1/2 IF x 4 1/2 XH	6.25	2350	3.25

DESCRIPTION: 12 25 SURFACE BHA #1
 LENGTH: 863.59 BHA WT. AIR: 148 BHA WT. MUD: 140 HRS. ON JARS:
 ROT. WT.: 140 P.U. WT.: 165 S.O. WT.: 135 TORQUE: 18

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
3,296	10.10	72.03	3,225		217.5	549.4	54.8	1.0
3,388	10.01	72.27	3,316		222.4	564.7	55.2	0.1
3,481	10.24	71.79	3,407		227.5	580.2	55.7	0.3
3,573	11.17	70.91	3,498		232.9	596.4	56.4	1.0
3,666	12.76	68.92	3,589		239.6	614.5	57.7	1.8
3,736	12.76	68.92	3,657		245.1	629.0	59.0	
3,759	14.59	68.24	3,679		247.1	634.0	59.5	8.0
3,829	14.59	68.24	3,747		253.7	650.4	61.2	

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		2,329	11,730
CNG		478	-478
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	UD, CASING AND CEME	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	144
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HF	13	156	936
AES DRILLING FLUIDS	MUD ENGINEER	1	24	144
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	36
STAGE 3	2 SOLID CONTROL HANDS	1	12	96
IMPAC	2 MUD LOGGERS	2	12	36



DAILY DRILLING REPORT

RPT DATE:
RPT NUM.:
RIG:

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H FIELD: Phantom (Wolfcamp) AFE #: 22DC054 CONTRACTOR: Unit SPUD DATE: 3/25/2022 MD/TVD: 3829 FT/3747 FT PRESENT OPERATIONS: DRILLING 12.25" SURFACE AT 3,829' ACTIVITY PLANNED: DRILL SURFACE TO TD, TOOH AND RUN SURFACE CASING	JOB: LEASE: UL Yellowtail H 21-29-17 WB API #: 4249534698 ELEVATION: 2763 DFS: 0.9 24 HR FTG: 3829	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM RIG PHONE: 432-355-3112 EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO RKB: 21.5 DOL: 5 HRS DRLG: 20.5
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COST BREAKDOWN

Code	Description	Daily Cost	Vendor	Remarks
2250-35	DRILL RIG MOB/DEMOB	\$ 53,333		RIG MOVE COST
2250-40		\$ 19,687	UNIT DRILLING	DAY RATE \$22500/MOB: \$19125 OBM + 375
2250-65	CNG DAILY USAGE	\$ 837	CERTARUS USA LTD	478 DGE @ \$1.75
2250-65	CNG TRAILER DAILY RENTAL	\$ 500	CERTARUS USA LTD	500 CNG TRAILER DAILY RENTAL
2250-67	WATER HANDLING	\$ 275	THUNDERBOLT	DAILY RENTAL ON PUMP AND POLY
2250-70	CORVA	\$ 258	CORVA	258 CORVA DAILY COST
2250-70	HOUSING	\$ 515	CIVEO	515.31 CAMP HOUSING X5, TRANSFORMER
2250-70	INTERNET, PHONES, COMS	\$ 140	INFRASTRUCTURE NETWORKS	140 INTERNET, PHONES, COMS
2250-70	PASON	\$ 60	PASON	60 OFFICE PASON
2250-70	PICK UP GENS	\$ 163	CIVEO	PICK UP GENS
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 13	SKYPORT INC.	13.33 SKYPORT SUPERINTENDENT RENTAL
2250-70	SUPERINTENDENT CAMP	\$ 19	WOLFPACK RENTALS	19.33 SUPERINTENDENT CAMP
2250-70	WATER FLEET DAILY RENTAL	\$ 560	WATERFLEET	560 WATER FLEET DAILY RENTAL
2250-70	WELLDRIVE	\$ 107	WELLDRIVE	107 WELLDRIVE
2250-75	TRANSPO / TRUCKING / HOTSHOT	\$ 675	TO A TEE	DELIVER PIPE DOPE AND HAUL OFF QD HUB
2250-75	TRANSPO / TRUCKING / HOTSHOT - # 1	\$ 200	TO A TEE	WELL HEADS
2250-75	TRANSPO / TRUCKING / HOTSHOT - # 2	\$ 450	TO A TEE	MUD MOTORS
2250-80	DRILLING AVISOR	\$ 50	FOCUSED DRILLING & COMPLETIONS LLC	50 DRILLING AVISOR
2250-80	DRILLING SUPERINTENDANT	\$ 733	CRESCENT CONSULTING	733 DRILLING SUPERINTENDANT
2250-80	WELLSITE SUPERVISOR BLODGETT/ EVANS	\$ 2,000	OIL CITY DRILLING SERVICES, LLC	WELLSITE SUPERVISOR
2250-80	WELLSITE SUPERVISOR GRESHAM /	\$ 2,000	WORKRISE	WELLSITE SUPERVISOR
2250-85	WELD 2-4" UNIONS	\$ 488	WHITES WELDING	WELD 2-4" UNIONS
2250-95	BOP POLLUTION CONTAINMENT	\$ 35	JOHNSON SPECIALTY TOOLS (JST)	35 HALF ROUND
2250-95	BOS 3 TANK AND HOG TROUGH	\$ 1,460	STAGE 3 SEPARATION	1460 BOS 3 TANK AND HOG TROUGH
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 755	SKEWL ENERGY SERVICES	755 FORKLIFTS, MANLIFT, LIGHT TOWERS
2250-95	H2S MONITORS	\$ 244	CANON SAFETY SERVICES	81 H2S MONITORS
2250-95	INLINE MUD SCREEN	\$ 100	BLACK DIAMOND	100 INLINE MUD SCREEN
2250-95	TANK FARM AND PUMPS	\$ 2,448	SKEWL ENERGY SERVICES	2448 TANK FARM AND PUMPS
2250-105	STRIPPING BOARDS	\$ 633	STANDARD TUBULAR SERVICES	STRIPPING BOARDS
2250-115	DIRECTIONAL DRILLING & SURVEYS	\$ 27,050		
2250-125	DRILLING & COMPLETION FLUIDS	\$ 1,585	AES DRILLING FLUIDS INC	DAILY MUD COST
2250-130	MUDLOGGERS	\$ 925	IMPAC EXPLORATION SERVICES, INC.	
Total:		\$ 118,299		

TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	03:00	3.0	RIG MOVE IN	PU BHA				MAKE UP DIRECTIONAL BHA AS FOLLOWS: (NOV TKCS612.25") 8X13's JETS (TFA 1.04) 9.625" MOTOR 7/8, 5.9 STG, SET AT 1.50" 0.16 REV/GAL, MAX DIFF 1330 PSI, 12" BLADE STAB, FLOW RANGE 400-900, 1- 12" NORTRAC STAB, 1- 8"UBHO, 1-8" NMDC, 1- 12" NORTRAC STAB. 1- NMDC, XO, 3 - 8" DC, XO, 9 - 6.5" DC, XO, 12 - 5" HWDP. BIT TO SURVEY =66', BIT TO GAMMA = 60'
03:00	06:00	3.0	SURFACE DRILLING	DRILLING		110	400	ROTATE DRILL 12.25" SURFACE F/ 110' - 400' (290' @ 96 FPH) 500-650 GPM, 35 RPM, 200 DIFF, 8-15 WOB, 10-12K TQ, 100% RETURNS
06:00	17:00	11.0	SURFACE DRILLING	DRILLING		400	2902	ROTATE DRILL 12.25" SURFACE F/ 400' - 2,902' (2502' @ 227 FPH) 650-850 GPM, 50-60 RPM, 800 DIFF, 45-50 WOB, 12-19K TQ, 100% RETURNS SLIDE: 582'-602' TF: 60M SLIDE: 671'-691', TF 60M SLIDE: 762'-782', TF H/S SLIDE: 852'-872', TF H/S SLIDE: 946'-966', TF H/S SLIDE: 1039'-1070', TF H/S SLIDE: 1132'-1165', TF H/S SLIDE: 1225'-1295', TF H/S SLIDE: 1975'-1995', TF H/S SLIDE: 2083'-2103', TF H/S SLIDE: 2160'-2190', TF H/S SLIDE: 2253'-2278', TF H/S SLIDE: 2531'-2569', TF H/S SLIDE: 2717'-2763', TF H/S **SWAPPED OVER TO BRINE @ 1150'
17:00	17:30	0.5	SURFACE DRILLING	LUBRICATE RIG		2902	2902	SERVICE RIG



DAILY DRILLING REPORT

RPT DATE: 3/26/2022
RPT NUM.: 7
RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE: 432-355-3112
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 21.5
SPUD DATE: 3/25/2022	DFS: 1.9	DOL: 6
MD/TVD: 5225 FT/5104 FT	24 HR FTG: 1396	HRS DRLG: 10.5
PRESENT OPERATIONS: TIH WITH 12 1/4" CLEAN OUT ASSEMBLY AT 389'		
ACTIVITY PLANNED: TIH T/1,000', CIRCULATE HOLE CLEAN, SPOT WATER LOSS PILL, POOH T/SURFACE, RIG UP AND RUN 9 5/8" CASING		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/26/2022	3/27/2022	None	MAKING CONNECTIONS/HOUSEKEEPING

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00
SPUD UL YELLOWTAIL H 21-29-17 WB 8H ON 3/25/2022 @ 03:00 HRS (TOTAL RIG MOVE 5 DAYS 0 HRS)

00:00 – 00:30: TIH F/389' T/1,000'

00:30 – 01:30: CIRCULATE @ 850 GPM, PUMP 50 BBL HIGH VIS SWEEP MIXED WITH 30 PPB OF LCM, SPOT 100 BBL WATER LOSS PILL FROM 650' T/SURFACE
***FULL RETURNS

01:30 – 02:30: POOH WITH 12 1/4" CLEAN OUT ASSEMBLY F/1,000' T/SURFACE

02:30 – 03:30: SET TRIP NIPPLE, CLEAN FLOOR, HOLD PJSM WITH UNIT CREW, 4 STAR CASING, AND OSP ON RIGGING UP AND CASING RUNNING OPERATIONS

03:30 – 06:00: MAKE UP SHOE TRACK, TEST FLOATS, RUN 9 5/8" 40# J-55 BTC CASING TO 1,900' FILLING ON FLY, MONITORING DISP

GAS/DIESEL USAGE: 55% CNG/45% DIESEL
LAST B.O.P TEST:
NO ACCIDENTS, INCIDENTS, OR SPILLS
DOWNTIME 0 HRS (0 HRS TOTAL)
NON-PRODUCTIVE TIME, 2.5HRS (2.5 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$47,350	CUM DRILL COST:	\$304,292	CUM MUD COST:	\$7,724	CUM WELL COST:	\$304,292
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
6:00	10.1	28.0				1	1	1	152,000						3.30	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A282230	8x13	1.040	N	110	5,225	5,115	30.0	50	136	170.5

PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	WEATHERFORD	EQ-2200	5.000	12.000	85	3350	410	0.00176	95	10.0	161	234		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	85	3350	410	0.00176	95	10.0	161	234		1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-TKC56	12.25		1.5	7	Monel Collar-NMDC	8	3.5	30.62
2	Motor-9.625 Combo 7/8 5.9 (0.16 RPG) w	9.63		37.68	8	X-Over-X-OVER	7.69	2.81	2.31
3	Stabilizer-STABILIZER	8.25	2.81	7.48	9	Drill Collar-3 X 8" Drill Collars	8	3	90.96
4	MWD Tool-SHOCKMISER	8		2.97	10	X-Over-X-OVER 4 1/2 XH x NC56	7.75	2.88	2.89
5	Monel Collar-NMDC	8.13	3.5	30.06	11	Drill Collar-9 X 6 1/2" Drill Collar	6.5	2.63	274.57
6	Stabilizer-NM STABILIZER	8.31	3.5	7.3	12	X-Over-X-OVER 4 1/2 IF x 4 1/2 XH	6.25	2.350	3.25

DESCRIPTION: 12 25 SURFACE BHA #1
LENGTH: 863.59
ROT. WT.:
BHA WT. AIR:
P.U. WT.:
BHA WT. MUD:
S.O. WT.:
HRS. ON JARS:
TORQUE:

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
4,592	12.59	71.79	4,487		309.0	829.2	64.2	1.6
4,684	13.15	70.92	4,576		315.6	848.6	65.0	0.6
4,777	13.32	71.36	4,667		322.5	868.7	66.0	0.2
4,869	12.71	70.81	4,756		329.2	888.3	67.0	0.7
4,962	12.38	69.24	4,847		336.1	907.3	68.3	0.5
5,055	12.16	69.50	4,938		343.0	925.8	69.8	0.2
5,147	11.87	69.38	5,028		349.8	943.7	71.2	0.3
5,217	11.87	69.38	5,097		354.8	957.2	72.3	

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		1,817	9,913
CNG		960	-1,438
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	UD, CASING AND CEMENT	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT

PERSONNEL					
Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours	
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	168	
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HF	13	156	1,092	
AES DRILLING FLUIDS	MUD ENGINEER	1	24	168	
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	48	
STAGE 3	2 SOLID CONTROL HANDS	1	12	108	
IMPAC	2 MUD LOGGERS	2	12	48	
4 STAR	CASING CREW	4	24	24	
OSP	TOOL HAND	1	6	6	

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DAILY DRILLING REPORT

RPT DATE:
RPT NUM.:
RIG:

WELL/JOB INFORMATION		
WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE: 432-355-3112
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 21.5
SPUD DATE: 3/25/2022	DFS: 1.9	DOL: 6
MD/TVD: 5225 FT/5104 FT	24 HR FTG: 1396	HRS DRLG: 10.5
PRESENT OPERATIONS: TIH WITH 12 1/4" CLEAN OUT ASSEMBLY AT 389'		
ACTIVITY PLANNED: TIH T/1,000', CIRCULATE HOLE CLEAN, SPOT WATER LOSS PILL, POOH T/SURFACE, RIG UP AND RUN 9 5/8" CASING		

COST BREAKDOWN					
Code	Description	Daily Cost	Vendor	Remarks	
2250-40		\$ 22,500	UNIT DRILLING	DAY RATE \$22500/MOB: \$19125 OBM + 375	
2250-65	CNG DAILY USAGE	\$ 1,680	CERTARUS USA LTD	960.27DGE @ \$1.75	
2250-65	CNG TRAILER DAILY RENTAL	\$ 500	CERTARUS USA LTD	500 CNG TRAILER DAILY RENTAL	
2250-67	WATER HANDLING	\$ 275		DAILY RENTAL ON PUMP AND POLY	
2250-70	CORVA	\$ 258	CORVA	258 CORVA DAILY COST	
2250-70	HOUSING	\$ 515	CIVEO	515.31 CAMP HOUSING X5, TRANSFORMER	
2250-70	INTERNET, PHONES, COMS	\$ 140	INFRASTRUCTURE NETWORKS	140 INTERNET, PHONES, COMS	
2250-70	PASON	\$ 60	PASON	60 OFFICE PASON	
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 13	SKYPORT INC.	13.33 SKYPORT SUPERINTENDENT RENTAL	
2250-70	SUPERINTENDENT CAMP	\$ 19	WOLFPACK RENTALS	19.33 SUPERINTENDENT CAMP	
2250-70	WATER FLEET DAILY RENTAL	\$ 560	WATERFLEET	560 WATER FLEET DAILY RENTAL	
2250-70	WELLDRIIVE	\$ 107	WELLDRIIVE	107 WELLDRIIVE	
2250-80	DRILLING AVISOR	\$ 50	FOCUSED DRILLING & COMPLETIONS LLC	50 DRILLING AVISOR	
2250-80	DRILLING SUPERINTENDANT	\$ 733	CRESCENT CONSULTING	733 DRILLING SUPERINTENDANT	
2250-80	WELLSITE SUPERVISOR BLODGET/ EVANS	\$ 2,000	OIL CITY DRILLING SERVICES, LLC	WELLSITE SUPERVISOR	
2250-95	BOP POLLUTION CONTAINMENT	\$ 35	JOHNSON SPECIALTY TOOLS (JST)	35 HALF ROUND	
2250-95	BOS 3 TANK AND HOG TROUGH	\$ 1,460	STAGE 3 SEPARATION	1460 BOS 3 TANK AND HOG TROUGH	
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 755	SKEWL ENERGY SERVICES	755 FORKLIFTS, MANLIFT, LIGHT TOWERS	
2250-95	H2S MONITORS	\$ 81	CANON SAFETY SERVICES	81 H2S MONITORS	
2250-95	INLINE MUD SCREEN	\$ 100	BLACK DIAMOND	100 INLINE MUD SCREEN	
2250-95	TANK FARM AND PUMPS	\$ 2,448	SKEWL ENERGY SERVICES	2448 TANK FARM AND PUMPS	
2250-115	DIRECTIONAL DRILLING & SURVEYS	\$ 8,700			
2250-125	DRILLING & COMPLETION FLUIDS	\$ 1,585	AES DRILLING FLUIDS INC	DAILY MUD COST	
2250-130	MUDLOGGERS	\$ 2,775	IMPAC EXPLORATION SERVICES, INC.	925 2 X MUDLOGGERS, RIG UP	
Total:		\$ 47,350			

TIME BREAKDOWN								
FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	05:00	5.0	SURFACE DRILLING	DRILLING		3829	4391	ROTATE DRILL 12.25" SURFACE F/ 3,829' – 4,391' (562' @ 112 FPH) 850 GPM, 50-60 RPM, 800 DIFF, 45-50 WOB, 12-19K TQ, 100% RETURNS SLIDE: 4040'-4060' TF: 150R SLIDE: 4221'-4235', TF 160L SLIDE: 4298'-4323', TF 160L
05:00	05:30	0.5	SURFACE DRILLING	RIG SERVICE		4391	4391	SERVICE RIG
05:30	11:00	5.5	SURFACE DRILLING	DRILLING		4391	5225	ROTATE DRILL 12.25" SURFACE F/ 4,391' – 5,225' (834' @ 151.6 FPH) 850 GPM, 50-60 RPM, 800 DIFF, 45-50 WOB, 12-19K TQ, 100% RETURNS SLIDE: 4569' - 4603', TF 90L
11:00	12:30	1.5	SURFACE DRILLING	COND MUD & CIRC		5225	5225	ROTATE & RECIPROCAT @ 125 FPM, GPM: 850, PPSI: 3914, RPM'S: 60, INITIAL TORQUE: 7700 FT/LBS, INITIAL P/U: 180K , INITIAL S/O: 175K, PUMP 40 BBL HI VIS MARKER SWEEP (50 VIS 10 PPB NUT PLUG), PUMP SECOND HI VIS MARKER SWEEP, CONTINUE ROTATING AND RECIPROCATING SWEEPS FROM HOLE, FIRST SWEEP BACK TO SURFACE WITH 40% EXCESS FINE SAND & SILT CUTTING'S, 2ND SWEEP BACK TO SURFACE WITH 30% EXCESS FINE SAND & SILT CUTTING'S, CONTINUE CIRCULATING RECIPROCATING PIPE AT 5 MIN'S UP, 5 MIN'S DOWN, ROTATING AT 60 RPM'S, PUMP & SPOT 120 BBL'S OF 12 PPB WATER LOSS PILL ON BOTTOM DISP WITH 99 BBL'S OF 10.1 PPG SYSTEM BRINE **1ST SWEEP CALC. WASHOUT: 15% **2ND SWEEP CALC. WASHOUT: 15% **FINAL TORQUE: 6900 FT/LBS DIFFERENCE: 800 FT/LBS, FINAL P/U: 180K, FINAL S/O:175k
12:30	16:00	3.5	SURFACE DRILLING	TRIPS		5225	5225	TOOH FOR 9 5/8" SURFACE CASING F/ 5,225' - T/ 115' DIRECTIONAL BHA. MONITORED WELL AT ACTIVE SYSTEM, AND CELLAR PUMPING CALCULATED DISPLACEMENT ** NO OVER PULLS OR TIGHT SPOTS ENCOUNTERED ** HOLE WOULD NOT FILL ONCE AT BHA **JSA & SAFETY MEETING WITH UNIT DRILLING PERSONAL OVER TRIPPING OUT OF HOLE AND ELIMINATING THE POTENTIAL FOR EXPOSURES



DAILY DRILLING REPORT

RPT DATE: 3/27/2022
RPT NUM.: 8
RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE: 432-355-3112
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 21.5
SPUD DATE: 3/25/2022	DFS: 2.6	DOL: 7
MD/TVD: 5225 FT/5104 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: RELEASE RIG FROM UL YELLOWTAIL H 21-29-17 WB 8H		
ACTIVITY PLANNED: WALK RIG TO TO UL YELLOWTAIL G 21-29-17 WA 7H/SPUD WELL		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/27/2022	3/27/2022	None	BUFFER ZONES, HIGH PRESSURE LINES

RIG RELEASED OFF PAHASKA 21-6 S004H 3/20/2022 03:00
 SPUD UL YELLOWTAIL H 21-29-17 WB 8H ON 3/25/2022 @ 03:00 HRS (TOTAL RIG MOVE 5 DAYS 0 HRS)

RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H @ 18:30 HRS, 03/27/2022

GAS/DIESEL USAGE: 100% CNG/0% DIESEL
 LAST B.O.P TEST:
 NO ACCIDENTS, INCIDENTS, OR SPILLS
 DOWNTIME 0 HRS (0 HRS TOTAL)
 NON-PRODUCTIVE TIME, 2.5HRS (5 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$413,216	CUM DRILL COST:	\$717,508	CUM MUD COST:	\$13,580	CUM WELL COST:	\$717,508
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	10.75	40-45.5	J-55	5,210	

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	9.4	28.0			1	1	1	1	119,000							

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A282230	8x13	1.040	N	110	5,225	5,115	30.0	50	136	170.5

BIT NO. 1 INNER: 1 OUTER: 2 DULL: PN LOC: N SEAL: X GAUGE: I OTHER: WT RP: TD

PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	WEATHERFORD	EQ-2200	5.000	12.000	85	3350	410	0.00176	95	10.0	161	234		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	85	3350	410	0.00176	95	10.0	161	234		1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-TKC56	12.25		1.5	7	Monel Collar-NMDC	8	3.5	30.62
2	Motor-9.625 Combo 7/8 5.9 (0.16 RPG) w	9.63		37.68	8	X-Over-X-OVER	7.69	2.81	2.31
3	Stabilizer-STABILIZER	8.25	2.81	7.48	9	Drill Collar-3 X 8" Drill Collars	8	3	90.96
4	MWD Tool-SHOCKMISER	8		2.97	10	X-Over-X-OVER 4 1/2 XH x NC56	7.75	2.88	2.89
5	Monel Collar-NMDC	8.13	3.5	30.06	11	Drill Collar-9 X 6 1/2" Drill Collar	6.5	2.63	274.57
6	Stabilizer-NM STABILIZER	8.31	3.5	7.3	12	X-Over-X-OVER 4 1/2 IF x 4 1/2 XH	6.25	2.350	3.25

DESCRIPTION: 12 25 SURFACE BHA #1
 LENGTH: 863.59
 ROT. WT.:

BHA WT. AIR:
 P.U. WT.:

BHA WT. MUD:
 S.O. WT.:

HRS. ON JARS:
 TORQUE:

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
4,592	12.59	71.79	4,487	309.0	829.2	64.2	1.6	
4,684	13.15	70.92	4,576	315.6	848.6	65.0	0.6	
4,777	13.32	71.36	4,667	322.5	868.7	66.0	0.2	
4,869	12.71	70.81	4,756	329.2	888.3	67.0	0.7	
4,962	12.38	69.24	4,847	336.1	907.3	68.3	0.5	
5,055	12.16	69.50	4,938	343.0	925.8	69.8	0.2	
5,147	11.87	69.38	5,028	349.8	943.7	71.2	0.3	
5,217	11.87	69.38	5,097	354.8	957.2	72.3		

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		745	9,168
CNG			-1,438
Flare Gas			

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	UD, CASING AND CEME	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	192
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	1,248
AES DRILLING FLUIDS	MUD ENGINEER	1	24	192
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	60
STAGE 3	2 SOLID CONTROL HANDS	1	12	120

IMPAC	2 MUD LOGGERS	2	12	60	
4 STAR	CASING CREW	4	48	72	
OSP	TOOL HAND	1	6	12	

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DAILY DRILLING REPORT

RPT DATE:
RPT NUM.:
RIG:

WELL/JOB INFORMATION

WELL NAME: UL Yellowtail H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: Phantom (Wolfcamp)	LEASE: UL Yellowtail H 21-29-17 WB	RIG PHONE: 432-355-3112
AFE #: 22DC054	API #: 4249534698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 21.5
SPUD DATE: 3/25/2022	DFS: 2.6	DOL: 7
MD/TVD: 5225 FT/5104 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: RELEASE RIG FROM UL YELLOWTAIL H 21-29-17 WB 8H		
ACTIVITY PLANNED: WALK RIG TO TO UL YELLOWTAIL G 21-29-17 WA 7H/SPUD WELL		

COST BREAKDOWN

Code	Description	Daily Cost	Vendor	Remarks
2250-40		\$ 17,343	UNIT DRILLING	DAY RATE \$22500/MOB: \$19125 OBM + 375
2250-65	CNG TRAILER DAILY RENTAL	\$ 500	CERTARUS USA LTD	500 CNG TRAILER DAILY RENTAL
2250-67	WATER HANDLING	\$ 275		DAILY RENTAL ON PUMP AND POLY
2250-70	CORVA	\$ 258	CORVA	258 CORVA DAILY COST
2250-70	HOUSING	\$ 515	CIVEO	515.31 CAMP HOUSING X5, TRANSFORMER
2250-70	INTERNET, PHONES, COMS	\$ 140	INFRASTRUCTURE NETWORKS	140 INTERNET, PHONES, COMS
2250-70	PASON	\$ 60	PASON	60 OFFICE PASON
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 13	SKYPORT INC.	13.33 SKYPORT SUPERINTENDENT RENTAL
2250-70	SUPERINTENDENT CAMP	\$ 19	WOLFPACK RENTALS	19.33 SUPERINTENDENT CAMP
2250-70	SUPPLIES	\$ 1,361	EAST TEXAS SUPPLY	SUPPLIES
2250-70	WATER FLEET DAILY RENTAL	\$ 560	WATERFLEET	560 WATER FLEET DAILY RENTAL
2250-70	WELLDRIIVE	\$ 107	WELLDRIIVE	107 WELLDRIIVE
2250-80	DRILLING AVISOR	\$ 50	FOCUSED DRILLING & COMPLETIONS LLC	50 DRILLING AVISOR
2250-80	DRILLING SUPERINTENDANT	\$ 733	CRESCENT CONSULTING	733 DRILLING SUPERINTENDANT
2250-80	WELLSITE SUPERVISOR BLODGET/ EVANS	\$ 2,000	OIL CITY DRILLING SERVICES, LLC	WELLSITE SUPERVISOR
2250-85	FIELD SERVICE TECH	\$ 7,267	OILFIELD SERVICE PROFESSIONALS (OSP)	SERVICE TECH FOR DV TOOL
2250-85	FIELD SERVICE TECH TO INSTALL WELLHEAD	\$ 2,415	CACTUS WELLHEAD, LLC	INSTALL WELLHEAD
2250-85	INSTALL 7 5/8" CASING HANGER	\$ 1,653	CACTUS WELLHEAD, LLC	INSTALL 7 5/8" CASING HANGER
2250-95	BOP POLLUTION CONTAINMENT	\$ 35	JOHNSON SPECIALTY TOOLS (JST)	35 HALF ROUND
2250-95	BOS 3 TANK AND HOG TROUGH	\$ 1,460	STAGE 3 SEPARATION	1460 BOS 3 TANK AND HOG TROUGH
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 755	SKEWL ENERGY SERVICES	755 FORKLIFTS, MANLIFT, LIGHT TOWERS
2250-95	H2S MONITORS	\$ 81	CANON SAFETY SERVICES	81 H2S MONITORS
2250-95	INLINE MUD SCREEN	\$ 100	BLACK DIAMOND	100 INLINE MUD SCREEN
2250-95	TANK FARM AND PUMPS	\$ 2,448	SKEWL ENERGY SERVICES	2448 TANK FARM AND PUMPS
2250-110	CEMENT 9.625 CASING	\$ 89,703	WEST TEXAS CEMENTERS	CEMENT 9 5/8" CASING W/12HRS STANDBY
2250-115	DIRECTIONAL DRILLING & SURVEYS	\$ 5,300		
2250-125	DRILLING & COMPLETION FLUIDS	\$ 5,856	AES DRILLING FLUIDS INC	DAILY MUD COST
2350-10		\$ 245,886	CACTUS WELLHEAD, LLC	5,182' 9.625 @ 47.45 PER FOOT
2350-40	WELLHEAD EQUIPMENT	\$ 26,322		11" 10M MBU-T ASSEMBLY
Total:		\$ 413,216		

TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	00:30	0.5	SURFACE DRILLING	TRIPS	HOLE STABILITY	5225	5225	TIH F/389' T/1,000'
00:30	01:30	1.0	SURFACE DRILLING	COND MUD & CIRC	HOLE STABILITY	5225	5225	CIRCULATE @ 850 GPM, PUMP 50 BBL HIGH VIS SWEEP MIXED WITH 30 PPB OF LCM, SPOT 100 BBL WATER LOSS PILL FROM 650' T/SURFACE ***FULL RETURNS
01:30	02:30	1.0	SURFACE DRILLING	TRIPS	HOLE STABILITY	5225	5225	POOH WITH 12 1/4" CLEAN OUT ASSEMBLY F/1,000' T/SURFACE
02:30	03:30	1.0	SURFACE DRILLING	RUN CSG & CEMENT		5225	5225	SET TRIP NIPPLE, CLEAN FLOOR, HOLD PJSM WITH UNIT CREW, 4 STAR CASING, AND OSP ON RIGGING UP AND CASING RUNNING OPERATIONS
03:30	11:30	8.0	SURFACE DRILLING	RUN CSG & CEMENT		5225	5225	PICK UP SHOE TRACK, TEST FLOATS, RUN 9.625" 40# J55 BTC CASING TO 5,210' FILLING ON FLY, MONITORING DISP @ SYSTEM. P/U & M/U CACTUS LANDING JOINT AND FLUTED MANDREL WITH CACTUS TECH, LAND OUT MANDREL W/ 145K VERIFY CORRECT LANDING. CASING TO BE RAN AS FOLLOWS BULL NOSE FLOAT SHOE SET AT 5,210', 1- JT CASING, FLOAT SHOE (NON-ROTATING) SET AT 5,167.41', 110- JT'S 9.625" CASING, DV TOOL @ 802.46', 18- JT'S 9.625" CASING, 1- 9.625" X 10.75" X/O, 1-20' 10.75" PUP JT, 1- JT 10.75" CASING HANGER, LANDING JOINT ***NOTE: WASHED CASING DOWN F/5,041' T/5,210'
11:30	12:00	0.5	SURFACE DRILLING	COND MUD & CIRC		5225	5225	RIG DOWN CASING CREW, RIG UP CEMENT HEAD AND CIRCULATE 1.5X CASING CAPACITY (6500 STKS) @ 13 BPM. 100% RETURNS. HELD PRE JOB-SAFETY MEETING WITH WEST TEXAS CEMENTERS, OSP, AND UNIT ON CEMENTING OPERATIONS

