



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:

LENGTH:

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

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:

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

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

FIELD: Phantom (Wolfcamp)

AFE #: 22DC054

CONTRACTOR: Unit

SPUD DATE:

MD/TVD: 0 FT/0 FT

PRESENT OPERATIONS: RIGGING IN TO SPUD

ACTIVITY PLANNED: COMPLETE RIG IN, P/U COLLARS

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: 2

HRS DRLG:

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:

LENGTH:

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

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

FIELD: Phantom (Wolfcamp)

AFE #: 22DC054

CONTRACTOR: Unit

SPUD DATE:

MD/TVD: 0 FT/0 FT

PRESENT OPERATIONS: RIGGING UP TO SPUD

ACTIVITY PLANNED: COMPLETE RIG IN, P/U COLLARS, SPUD WELL.

JOB:

LEASE: UL Yellowtail H 21-29-17 WB

API #: 4249534698

ELEVATION:

DFS:

24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM

RIG PHONE:

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB:

DOL: 3

HRS DRLG:

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:

LENGTH:

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

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 CEMENT	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT

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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

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:

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

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	1,800				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:

LENGTH:

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

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
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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
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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
Conductor	16.00			100	100

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	

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:
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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

#	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	

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	

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

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 HRS)	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	
www.wellez.com WellEz On Demand ver_02.15.2022 TW					

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 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	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

								ROTATE DRILL 12.25" SURFACE F/ 2,902' – 3,829' (927" @ 142 FPH) 850 GPM, 50-60 RPM, 800 DIFF, 45-50 WOB, 12-19K TQ, 100% RETURNS
17:30	00:00	6.5	SURFACE DRILLING	DRILLING		2902	3829	SLIDE: 3087'-3127' TF: 180 SLIDE: 3180'-3220', TF 180 SLIDE: 3553'-3573', TF H/S SLIDE: 3662'-3702', TF H/S **SWAPPED OVER TO BRINE @ 1150'
TOTAL HRS	24.0							



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	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

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

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		64.2	1.6
4,684	13.15	70.92	4,576		315.6		65.0	0.6
4,777	13.32	71.36	4,667		322.5		66.0	0.2
4,869	12.71	70.81	4,756		329.2		67.0	0.7
4,962	12.38	69.24	4,847		336.1		68.3	0.5
5,055	12.16	69.50	4,938		343.0		69.8	0.2
5,147	11.87	69.38	5,028		349.8		71.2	0.3
5,217	11.87	69.38	5,097		354.8		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 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	168	
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	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	
www.wellez.com		WellEz On Demand	ver_02.15.2022 TW		



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

[illegible]



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

FIELD: Phantom (Wolfcamp)

AFE #: 22DC054

CONTRACTOR: Unit

SPUD DATE: 3/25/2022

MD/TVD: 5225 FT/5104 FT

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

JOB:

LEASE: UL Yellowtail H 21-29-17 WB

API #: 4249534698

ELEVATION: 2763

DFS: 2.6

24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB: 21.5

DOL: 7

HRS DRLG:

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:

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	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
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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	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

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 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	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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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

12:00	16:00	4.0	SURFACE DRILLING	RUN CSG & CEMENT		5225	5225	CEMENT 9.625" CASING AS FOLLOWS: PRESSURE TEST LINES TO 3,000 PSI FOR 5 MINUTES, PUMP 20 BBL OF 8.33 PPG SPACER @ 5 BPM, 110 PSI, PUMP 230.3 BBL (670 SACKS) OF 12.8 PPG LEAD # 1 CEMENT @ 10 BPM. (YIELD 1.93 CU.FT/SK), PUMP 692 BBL (2045 SACKS) OF 12.8 PPG LEAD # 2 CEMENT @ 10 BPM. (YIELD 1.93 CU.FT/SK), PUMP 177.7 BBL (750 SACKS) PF 14.8 PPG TAIL CEMENT @ 6 BPM. (YIELD 1.33 CU.FT/SK), DROP PLUG. PIPE WAS NOT RECIPROCATED OR ROTATED WHILE CEMENTED, DISPLACED WITH 498 BBL OF 8.33# FRESH WATER @ 13 BPM WITH GOOD RETURNS THROUGHOUT JOB, SLOW RATE TO 4 BPM LAST 40 BBL. FINAL LIFT PRESSURE 1530 PSI @ 4 BPM. BUMP PLUG 2130 PSI, FLOATS HELD. BLEED BACK 4.0 BBL. 482 BBL CEMENT CIRCULATED BACK TO SURFACE., DROPPED CANCELATION PLUG, LET FALL FOR 6 MINUTES, PUMPED 4.5 BPM TO 2100 PSI TO SET CANCELATION PLUG, ENGAGE LATCH, BLEED BACK 3 BBLS
16:00	16:30	0.5	SURFACE DRILLING	OTHER		5225	5225	RIG DOWN CEMENTERS, FLUSH LINES WITH H2O AND SUGAR
16:30	18:30	2.0	SURFACE DRILLING	OTHER		5225	5225	BACK OUT & LAY DOWN LANDING JOINT WITH CACTUS FIELD OPERATOR, NIPPLE DOWN FLOW LINE AND CONDUCTOR. INSTALL WELLHEAD AND NIGHT CAP. RELEASE RIG FROM UL YELLOWTAIL H 21-29-17 WB 8H @ 18:30 HRS, 03/27/2022TRANSFERRED 9169 GALLONS FUEL TO UL YELLOWTAIL G 21-29-17 WA 7H *** TESTED WELLHEAD SEAL TO 5000 PSI, TESTED SIDE OUTLETS VALVES TO 5000 PSI.
TOTAL HRS	18.5							