



# DAILY DRILLING REPORT

RPT DATE: 3/27/2022

RPT NUM.: 1

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL Yellowtail G 21-29-17 WA 7H  
FIELD: Phantom Wolfcamp  
AFE #: 22DC053  
CONTRACTOR: Unit  
SPUD DATE:  
MD/TVD: 0 FT/0 FT  
PRESENT OPERATIONS: MAKING UP SURFACE BHA  
ACTIVITY PLANNED: MAKE UP BHA, SPUD WELL

JOB:  
LEASE: UL Yellowtail G 21-29-17 WA  
API #: 42-495-34697  
ELEVATION: 2763  
DFS:  
24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM  
RIG PHONE: 432-355-3112  
EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO  
RKB: 2784  
DOL: 2  
HRS DRLG:

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/27/2022	3/28/2022	None	WALKING RIG, HANDLING BHA

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, 0 HRS (0 HRS TOTAL)

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	CUM DRILL COST:	CUM MUD COST:	CUM WELL COST:
	\$60,610	\$60,610		\$60,610

## 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
1	12.25	NOV	TKC56	A281131	8x13	1.037	N	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
1	WEATHERFORD	EQ-2200	5.000	12.000										
2	WEATHERFORD	EQ-2200	5.000	12.000										

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-NOV 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		37.8	8	X-Over-X/O	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	30.08	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	2.5	3.25

DESCRIPTION: SURFACE BHA #1

LENGTH: 852.70

ROT. WT.: 60

BHA WT. AIR: 65

P.U. WT.: 65

BHA WT. MUD: 60

S.O. WT.: 58

HRS. ON JARS:

TORQUE: 5

## 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 - Dyed CNG	9,168	200	8,968

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/27/2022	13:00	SURFACE CASING AND	COWNES/BLODGETT	TRRC	AUDRY OP#2	SPUD, SURFACE CASING AND CEMENT NOTICE

## 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	2	24	24
STAGE 3	2 SOLID CONTROL HANDS	1	12	12
IMPAC	2 MUD LOGGERS	2	24	24



[illegible]





# DAILY DRILLING REPORT

RPT DATE: 3/28/2022

RPT NUM.: 2

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST G 21-29-17 WA 7H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: PHANTOM WOLFCAMP	LEASE: UL YELLOWTAIL WEST G 21-29-17 WA	RIG PHONE: 432-355-3112
AFE #: 22DC053	API #: 42-495-34697	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 2784
SPUD DATE: 3/28/2022	DFS: 0.9	DOL: 1
MD/TVD: 3100 FT/3071 FT	24 HR FTG: 3100	HRS DRLG: 14.5
PRESENT OPERATIONS: DRILLING 12 1/4" SURFACE HOLE @ 3,100		
ACTIVITY PLANNED: CONTINUE DRILLING 12 1/4" SURFACE HOLE F/3,100' TO CASING POINT		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/28/2022	3/29/2022	None	MAKING CONNECTIONS F/ DERRICK
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			
SPUD UL YELLOWTAIL H 21-29-17 WA 7H ON 3/28/2022 @ 01:30 HRS			

00:00 – 06:00: ROTATE DRILL 12.25" SURFACE F/ 3,100' – 3,940' (840' @ 140 FPH) 650-850 GPM, 50-60 RPM, 800-1100 DIFF, 45-55 WOB, 16-21K TQ, 100% RETURNS

SLIDE: 3126'-3156' TF: 160L

SLIDE: 3659'-3689', TF 160L

GAS/DIESEL USAGE: 55% CNG/45% DIESEL

LAST B.O.P TEST:

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 7.5 HRS (7.5 HRS TOTAL)

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

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$94,085	CUM DRILL COST:	\$175,038	CUM MUD COST:	\$2,500	CUM WELL COST:	\$175,038
-------------------	-------------------	----------	-----------------	-----------	---------------	---------	----------------	-----------

## BOP

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

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	9.8	28.0	99.0	9.8	1	1	1	1	148,000		0.10	0.30			1.10	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A281131	8x13	1.037	N	120	3,100	2,980	14.5	55	144	205.5

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	87	3150	425	.00176	95	10.51	164.7	239.3		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	87	3150	425	0.00176	95	10.51	164.7	239.3		1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-NOV 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		37.8	8	X-Over-X/O	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	30.08	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	2.5	3.25

DESCRIPTION: SURFACE BHA #1

LENGTH: 852.70

ROT. WT.: 165

BHA WT. AIR: 175

P.U. WT.: 185

BHA WT. MUD: 165

S.O. WT.: 148

HRS. ON JARS:

TORQUE: 19

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
2,461	10.37	60.19	2,440		146.3	216.9	79.6	0.7
2,554	9.70	60.20	2,531		154.3	230.9	83.4	0.7
2,647	9.03	61.23	2,623		161.7	244.1	86.8	0.7
2,740	9.04	58.96	2,715		169.0	256.8	90.2	0.4
2,832	9.15	59.01	2,806		176.5	269.2	93.9	0.1
2,924	9.35	59.37	2,896		184.1	281.9	97.6	0.2
3,017	9.41	57.99	2,988		191.9	294.9	101.6	0.3
3,087	9.41	57.99	3,057		198.0	304.6	104.7	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed	6,983	1,744	14,207
CNG		380	-380

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/27/2022	13:00	SURFACE CASING AND C	OWNES/BLODGETT	TRRC	AUDRY OP#2	SPUD, SURFACE CASING AND CEMENT NOTICE

## 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	2	24	48	
STAGE 3	2 SOLID CONTROL HANDS	1	12	24	
IMPAC	2 MUD LOGGERS	2	24	48	
www.wellez.com WellEz On Demand ver_02.15.2022 TW					

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	01:30	1.5	RIG MOVE IN	PU BHA				MAKE UP DIRECTIONAL BHA AS FOLLOWS: (NOV TKC56 12.25") 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'
01:30	03:30	2.0	SURFACE DRILLING	DRILLING		120	400	ROTATE DRILL 12.25" SURFACE F/ 120' – 400' (280' @ 140 FPH) 500-650 GPM, 35 RPM, 200 DIFF, 8-15 WOB, 10-12K TQ, 100% RETURNS
03:30	04:00	0.5	SURFACE DRILLING	RIG SERVICE		400	400	SERVICE RIG
04:00	11:30	7.5	SURFACE DRILLING	REPAIR RIG	RIG REPAIR	400	400	TROUBLESHOOT LUBE PUMP ON TDS. POOH F/400' T/100' WHILE WAITING ON ELECTRICIAN TO ARRIVE, REPAIR PULD AND WIRE TO LUBE PUMP.. TIH T/400'.

[illegible]





# DAILY DRILLING REPORT

RPT DATE: 3/29/2022

RPT NUM.: 3

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST G 21-29-17 WA 7H	JOB:	RIG SUPERV: CHRIS BLODGETT / BRIAN GRESHAM
FIELD: PHANTOM WOLFCAMP	LEASE: UL YELLOWTAIL WEST G 21-29-17 WA	RIG PHONE: 432-355-3112
AFE #: 22DC053	API #: 42-495-34697	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: Unit	ELEVATION: 2763	RKB: 2784
SPUD DATE: 3/28/2022	DFS: 1.9	DOL: 2
MD/TVD: 5140 FT/5087 FT	24 HR FTG: 2040	HRS DRLG: 13.5
PRESENT OPERATIONS: RUNNING SURFACE CASING @ 3,200'		
ACTIVITY PLANNED: RUN CASING TO SET DEPTH, CIRCULATE, CEMENT AS PER PROG		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/29/2022	3/30/2022	None	HANDLING BHA, RIGGING UP AND RUNNING CASING
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			
SPUD UL YELLOWTAIL H 21-29-17 WA 7H ON 3/28/2022 @ 01:30 HRS			
00:00 – 02:30: CONTINUE RUNNING 9.625" 40# J55 BTC CASING F/3,200 T/5122' 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 5,222', 1- JT CASING, FLOAT SHOE (NON-ROTATING) SET AT 5,079.57', 108- JT'S 9.625" CASING, DV TOOL @ 803.11', 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			
02:30 - 03:30: RIG DOWN CASING CREW, RIG UP CEMENT HEAD AND CIRCULATE 1X CASING CAPACITY (3400 STKS) @ 15 BPM. 100% RETURNS. HELD PRE JOB- SAFETY MEETING WITH WEST TEXAS CEMENTERS, OSP, AND UNIT ON CEMENTING OPERATIONS			
03:30 – 06:00: CEMENT 9.625" CASING AT REPORT TIME			
GAS/DIESEL USAGE: 55% CNG/45% DIESEL			
LAST B.O.P TEST:			
NO ACCIDENTS, INCIDENTS, OR SPILLS			
DOWNTIME 0 HRS (7.5 HRS TOTAL)			
NON-PRODUCTIVE TIME, 0 HRS (0 HRS TOTAL)			

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$55,683	CUM DRILL COST:	\$239,019	CUM MUD COST:	\$4,813	CUM WELL COST:	\$239,019
-------------------	-------------------	----------	-----------------	-----------	---------------	---------	----------------	-----------

## 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	10.0	29.0	99.0	9.8	1	1	1	1	158,000		0.10	0.30			2.10	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A281131	8x13	1.037	N	120	5,140	5,020	28.0	55	144	179.3

BIT NO. 1	INNER: 1	OUTER: 2	DULL: WT	LOC: S	SEAL: X	GAUGE: I	OTHER: BT	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	87	3250	425	.00176	95	10.51	164.7	239.3		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	87	3250	425	0.00176	95	10.51	164.7	239.3		1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-NOV 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		37.8	8	X-Over-X/O	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	30.08	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	2.5	3.25

DESCRIPTION: SURFACE BHA #1

LENGTH: 852.70

ROT. WT.: 175

BHA WT. AIR: 185

P.U. WT.: 185

BHA WT. MUD: 175

S.O. WT.: 165

HRS. ON JARS:

TORQUE: 20

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
4,499	9.49	65.50	4,452		315.4	487.0	166.3	0.8
4,592	9.50	62.03	4,544		322.2	500.8	168.9	0.6
4,684	9.87	61.96	4,635		329.5	514.4	172.1	0.4
4,777	8.12	62.32	4,727		336.3	527.3	175.0	1.9
4,869	6.76	59.78	4,818		342.0	537.7	177.6	1.5
4,962	6.67	59.82	4,910		347.5	547.1	180.2	0.1
5,055	6.32	60.22	5,003		352.8	556.2	182.7	0.4
5,125	6.32	60.22	5,072		356.6	562.9	184.5	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,952	12,255
CNG		761	-1,141

NOTIFICATIONS						
Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/27/2022	13:00	SURFACE CASING AND C	OWNES/BLODGETT	TRRC	AUDRY OP#2	SPUD, SURFACE CASING AND CEMENT NOTICE
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 HR	13	156	468		
AES DRILLING FLUIDS	MUD ENGINEER	1	24	72		
ALTITUDE	2DD'S, 2 MWD HANDS	2	24	72		
4 STAR CASING CREW	CASING CREW	4	24	24		
OSP	TOOL HAND	1	6	6		

www.wellez.com

WellEz On Demand

ver\_02.15.2022 TW

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	06:00	6.0	SURFACE DRILLING	DRILLING		3100	3940	ROTATE DRILL 12.25" SURFACE F/ 3,100' – 3,940' (840' @ 140 FPH) 650-850 GPM, 50-60 RPM, 800-1100 DIFF, 45-55 WOB, 16-21K TQ, 100% RETURNS  SLIDE: 3126'-3156' TF: 160L SLIDE: 3659'-3689', TF 160L
06:00	13:30	7.5	SURFACE DRILLING	DRILLING		3940	5140	ROTATE DRILL 12.25" SURFACE F/ 3,940' – 5,140' (1200' @ 160 FPH) 850 GPM, 50-65 RPM, 800-1100 DIFF, 45-55 WOB, 16-21K TQ, 100% RETURNS  SLIDE: 3872'-3892', TF 30L SLIDE: 4394'-4435', TF 150R SLIDE: 4579'-4609', TF 210 SLIDE: 4764'-4800', TF 210
13:30	15:00	1.5	SURFACE CASING	COND MUD & CIRC		5140	5140	ROTATE & RECIPROCAT @ 125 FPM, GPM: 850, PPSI: 4160, RPM'S: 65, INITIAL TORQUE: 7340 FT/LBS, INITIAL, P/U: 188K , INITIAL S/O: 175K, PUMP 50 BBL HI VIS MARKER SWEEP ( 50 VIS 10 PPB NUT PLUG), PUMP SECOND 50BBL HI VIS MARKER SWEEP, CONTINUE ROTATING AND RECIPROCATING SWEEPS FROM HOLE, FIRST SWEEP BACK TO SURFACE WITH 37% EXCESS FINE SAND & SILT CUTTING'S, 2ND SWEEP BACK TO SURFACE WITH 38% EXCESS FINE SAND & SILT CUTTING'S, CONTINUE CIRCULATING RECIPROCATING PIPE AT 5 MIN'S UP, 5 MIN'S DOWN, ROTATING AT 90 RPM'S, PUMP & SPOT 120 BBL'S OF 12 PPB WATER LOSS PILL ON BOTTOM DISP WITH 91 BBL'S OF 10.0 PPG SYSTEM BRINE  **1ST SWEEP CALC. WASHOUT: 37% **2ND SWEEP CALC. WASHOUT: 38%
15:00	18:30	3.5	SURFACE CASING	TRIPS		5140	5140	TOOH FOR 9 5/8" SURFACE CASING F/ 5,225' - T/ 115' DIRECTIONAL BHA. MONITORED WELL AT ACTIVE SYSTEM, AND CELLAR PUMPING CALCULATED DISPLACEMENT  ***SPOTTED SPOT 100 BBL WATER LOSS PILL FROM 800' T/SURFACE





## DAILY DRILLING REPORT

RPT DATE: 3/30/2022

RPT NUM.: 4

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST G 21-29-17 WA 7H

FIELD: PHANTOM WOLFCAMP

AFE #: 22DC053

CONTRACTOR: Unit

SPUD DATE: 3/28/2022

MD/TVD: 5140 FT/5072 FT

PRESENT OPERATIONS: RELEASE RIG FROM UL YELLOWTAIL H 21-29-17 WA 7H

ACTIVITY PLANNED: WALK RIG TO TO UL YELLOWTAIL G 21-29-17 WA 5H/SPUD WELL

JOB:

LEASE: UL YELLOWTAIL WEST G 21-29-17 WA

API #: 42-495-34697

ELEVATION: 2763

DFS: 2.4

24 HR FTG:

RIG SUPERV: ELWYN EVANS / BRIAN GRESHAM

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB: 2784

DOL: 3

HRS DRLG:

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
3/30/2022	3/30/2022	None	RIGGING UP AND RUNNING CASING, CEMENTING

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

SPUD UL YELLOWTAIL G 21-29-17 WA 7H ON 3/28/2022 @ 01:30 HRS

RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 3/30/2022 @ 10:30 HRS

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

LAST B.O.P TEST:

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (7.5 HRS TOTAL)

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

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$358,497	CUM DRILL COST:	\$597,516	CUM MUD COST:	\$8,657	CUM WELL COST:	\$597,516
-------------------	-------------------	-----------	-----------------	-----------	---------------	---------	----------------	-----------

## BOP

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

## CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	9.63	40-45.5	J55	5,122	

## MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	10.0	29.0	99.0	9.8	1	1	1	1	1	158,000		0.10	0.30		2.10	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A281131	8x13	1.037	N	120	5,140	5,020	28.0	55	144	179.3

BIT NO. 1	INNER: 1	OUTER: 2	DULL: WT	LOC: S	SEAL: X	GAUGE: I	OTHER: BT	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	87	3250	425	.00176	95	10.51	164.7	239.3		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	87	3250	425	0.00176	95	10.51	164.7	239.3		1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-NOV 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		37.8	8	X-Over-X/O	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	30.08	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	2.5	3.25

DESCRIPTION: SURFACE BHA #1

LENGTH: 852.70

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
4,499	9.49	65.50	4,452		315.4	487.0	166.3	0.8
4,592	9.50	62.03	4,544		322.2	500.8	168.9	0.6
4,684	9.87	61.96	4,635		329.5	514.4	172.1	0.4
4,777	8.12	62.32	4,727		336.3	527.3	175.0	1.9
4,869	6.76	59.78	4,818		342.0	537.7	177.6	1.5
4,962	6.67	59.82	4,910		347.5	547.1	180.2	0.1
5,055	6.32	60.22	5,003		352.8	556.2	182.7	0.4
5,125	6.32	60.22	5,072		356.6	562.9	184.5	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		500	11,755
CNG			-1,141

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/27/2022	13:00	SURFACE CASING AND COWNES/BLODGETT	TRRC		AUDRY OP#2	SPUD, SURFACE CASING AND CEMENT NOTICE

## 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 HRS)	13	156	624	
AES DRILLING FLUIDS	MUD ENGINEER	1	24	96	
ALTITUDE	2DD'S, 2 MWD HANDS	2	24	96	
STAGE 3	2 SOLID CONTROL HANDS	1	12	36	
4 STAR CASING CREW	CASING CREW	4	24	48	
OSP	TOOL HAND	1	6	12	
WTC	CEMENTERS	6	60	60	
www.wellez.com WellEz On Demand ver_02.15.2022 TW					

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	02:30	2.5	SURFACE CASING	RUN CSG & CEMENT		5140	5140	CONTINUE RUNNING 9.625" 40# J55 BTC CASING F/2.500 T/5122' 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 5,222', 1- JT CASING, FLOAT SHOE (NON-ROTATING) SET AT 5,079.57', 108- JT'S 9.625" CASING, DV TOOL @ 803.11', 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
02:30	03:30	1.0	SURFACE CASING	RUN CSG & CEMENT		5140	5140	RIG DOWN CASING CREW, RIG UP CEMENT HEAD AND CIRCULATE 1.5X CASING CAPACITY (4780 STKS) @ 13.8 BPM. 100% RETURNS. HELD PRE JOB-SAFETY MEETING WITH WEST TEXAS CEMENTERS, OSP, AND UNIT ON CEMENTING OPERATIONS
03:30	06:30	3.0	SURFACE CASING	RUN CSG & CEMENT		5140	5140	CEMENT 9.625" CASING AS FOLLOWS: PRESSURE TEST LINES TO 3,000 PSI FOR 5 MINUTES, PUMP 20 BBL OF 8.33 PPG SPACER @ 4 BPM, 110 PSI, PUMP 681 BBL (2015 SACKS) OF 12.8 PPG LEAD CEMENT @ 8-10 BPM. (YIELD 1.9 CU.FT/SK), PUMP 175 BBL (740 SACKS) PF 14.8 PPG TAIL CEMENT @ 8 BPM. (YIELD 1.33 CU.FT/SK), DROP PLUG. PIPE WAS NOT RECIPROCATED OR ROTATED WHILE CEMENTED, DISPLACED WITH 387 BBL OF 8.33# FRESH WATER @ 11 BPM WITH GOOD RETURNS THROUGHOUT JOB, SLOW RATE TO 4 BPM LAST 40 BBL , FINAL LIFT PRESSURE 1700 PSI @ 4 BPM. BUMP PLUG 2170 PSI, FLOATS HELD. BLEED BACK 3.0 BBL. 325 BBL CEMENT CIRCULATED BACK TO SURFACE,, DROPPED CANCELATION PLUG, LET FALL FOR 6 MINUTES, PUMPED 4.5 BPM TO 2400 PSI TO SET CANCELATION PLUG, ENGAGE LATCH, BLEED BACK 3 BBLS
06:30	07:00	0.5	SURFACE CASING	OTHER		5140	5140	RIG DOWN CEMENTERS, FLUSH LINES WITH H2O AND SUGAR
07:00	07:30	0.5	SURFACE CASING	OTHER		5140	5140	BACK OUT LANDING JOINT AND LAY DOWN, RIG DOWN CASING ELEVATORS, RIG DOWN BAILS, READY FLOOR FOR WALK

[illegible]