



# DAILY DRILLING REPORT

RPT DATE: 4/4/2022

RPT NUM.: 6

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H	JOB:	RIG SUPERV: ELWYN EVANS/BRIAN GRESHAM
FIELD: PHANTOM WOLFCAMP	LEASE: UL YELLOWTAIL WEST E 21-29-17 WB	RIG PHONE: 432-355-3112
A/E #:	API #: 42-495-34698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: UNIT	ELEVATION:	RKB:
SPUD DATE: 3/30/2022	DFS: 5.0	DOL: 10
MD/TVD: 9534 FT/9528 FT	24 HR FTG: 1754	HRS DRLG: 18.5
PRESENT OPERATIONS: HANDLING BHA		
ACTIVITY PLANNED: C/O MOTOR AND BIT, TIH T/9534', DRILL INTERMEDIATE SECTION		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/3/2022	4/4/2022	None	HANDLING BHA , TIH
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			
SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS			
0000 – 01:00: LAY DOWN MOTOR AND BIT FROM BHA #2 AS FOLLOWS: BIT #2 8 3/4" REED TCK76, 6 X 12'S AND 4 X 10'S JETS, TFA .97. SN-A283844, BIT GRADE 8-6-RO, 7" MOTOR 7/8, 5.0 STG, FBH SET AT 1.75" 0.26 REV/GAL MAX TRQ 18,710, MAX DIFF 1,900. BIT TO BEND: 5.30', KICK PAD OD 7.44", 1- 8" UBHO, 2 - 8" NMDC, XO, 9 - 6.5" DC, XO, 12 - 5" HWDP			
01:00 – 01:30: PICK UP DIRECTIONAL TOOLS FOR BHA #2 AS FOLLOWS: BIT #3- 8 -3/4" SMITH XZ616 W/ 6 X 15'S, TFA 1.03 SN# JV6581, 7 1/4" MOTOR 8.9, 4.3 STG, ADJ SET AT 1.83" 0.15 REV/GAL MAX TRQ 22,828 MAX DIFF 1,400. BIT TO BEND: 6.52', KICK PAD OD: 7.44", 8-1/4" STAB,1- 8" UBHO, 2 - 8" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP			
01:30 – 02:00: RIG SERVICE			
02:00 – 06:00: TRIPPED IN THE HOLE F/ 850' - T/ 9,534'. MONITORING WELL @ TRIP TANK. STOPPED AND FILLED PIPE AT 3,644', TESTED MWD WITH GOOD RETURNS. STRIPPED IN F/3,644'			

GAS/DIESEL USAGE: 45% CNG/65% DIESEL  
LAST B.O.P TEST: 4-2-2022  
NO ACCIDENTS, INCIDENTS, OR SPILLS  
DOWNTIME 0 HRS (3.5 HRS TOTAL)  
NON-PRODUCTIVE TIME, 0 HRS (0 HRS TOTAL)

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$62,195	CUM DRILL COST:	\$861,943	CUM MUD COST:	\$33,963	CUM WELL COST:	\$861,943
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## BOP

LAST BOP TEST:	4/2/22	LAST BOP DRILL:	4/3/22	NEXT BOP TEST:	4/23/22
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## CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	9.63	40-45.5	J55	5,088	

## MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)			PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	9.3	28.0	1.0	11.5	1	1	1	1		1	11,800		0.70	0.90			1.00	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
2	8.75	REED	TKC76	A283844	6x12, 4x10	0.969	N	5,104	9,534	4,430	30.5	50	175	145.2
1	12.25	SMITH	SDI616	JV9618	9x13	1.170	N	113	5,104	4,991	29.5	48	144	169.2

BIT NO. 1	INNER: 1	OUTER: 1	DULL: WT	LOC: A	SEAL:	GAUGE: I	OTHER: NO	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	67	2850	425	.00176	95	9.6	282.8	464.1		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	67	2850	425	0.00176	95	9.6	282.8	464.1		1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8 3/4" REED TKC76 PDC BIT	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 INCH 7/8 8.5 @ 1.75	7		35.06	8	Drill Collar-6 1/2" Drill Collars	6.5	3.25	274.57
3	Stabilizer-4 Blade Stabilizer 8 1/4 ( Bored	6.75	2.812	5.43	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF	6.75		3.69	10	Drill Pipe-5" HWDP	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79					
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: 8.75" INTERMEDIATE BHA #1

LENGTH: 747.52

ROT. WT.: 208

BHA WT. AIR: 218

P.U. WT.: 235

BHA WT. MUD: 208

S.O. WT.: 185

HRS. ON JARS:

TORQUE: 13

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
8,842	1.05	254.02	8,817		272.1	404.8	147.8	0.2
8,937	1.17	248.16	8,912		271.5	403.0	147.7	0.2
9,032	1.21	229.79	9,007		270.5	401.4	147.2	0.4
9,126	1.42	227.54	9,101		269.1	399.8	146.3	0.2
9,219	1.49	241.64	9,194		267.8	397.8	145.5	0.4
9,312	1.24	234.52	9,287		266.6	396.0	144.9	0.3
9,405	1.56	251.75	9,380		265.6	393.9	144.5	0.6
9,470	1.56	251.75	9,445		265.1	392.3	144.5	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,729	11,374
CNG		773	-3,638

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
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3/30/2022	12:00	IPUD / SURFACE CASIN/EVANS	TRRC	VALERIE	JOB # 295205
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
ALTITUDE	2DD'S, 2 MWD HANDS		4	48	192
IMPAC	2 X MUDLOGGERS		2	24	48
AES	MUD ENGINEER		2	24	36
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FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	05:30	5.5	INTERMEDIATE DRILLING - VDRILLING			7780	8441	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 7,780' - T/ 8,441' (661' @ 120 FPH) WOB: 40-50K, GPM: 650, PPSI: 2800-3800, DIFF:600-1100, RPM: 20, TORQUE ON: 11,000-15,000 FT/LBS, OFF: 10,000-11,000 FT/LBS, MW IN: 9.6 / OUT: 9.4 PPG, LITHOLOGY: 8,160' MD - 50% SS, 30% LS, 20% SLT ST, BACKGROUND GAS: 85 UNITS, CONNECTION GAS: 107 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES
05:30	06:00	0.5	INTERMEDIATE DRILLING - VLUBRICATE RIG			8441	8441	SERVICE RIG
06:00	16:00	10.0	INTERMEDIATE DRILLING - VDRILLING			8441	9376	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 8,441' - T/ 9,376' (935' @ 93.5 FPH) WOB: 40-50K, GPM: 500-650, PPSI: 2400-3800, DIFF: 600-1100, RPM: 20, TORQUE ON: 7,000-15,000 FT/LBS, OFF: 6,500-6,800 FT/LBS, MW IN: 9.3 / OUT: 9.4 PPG, LITHOLOGY: 9,200' MD - 15% SH, 60% LS, 25% CHRT, BACKGROUND GAS: 135 UNITS, CONNECTION GAS: 174 UNITS, EXPERIENCED FLOW @ 8,860', CLOSED LOOP STOPPED FLOW WITH SINGLE CHOKE 100PSI ON BACKSIDE, DRILL AHEAD GONG CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY  **WATER FLOW @ 8,860'
16:00	16:30	0.5	INTERMEDIATE DRILLING - VLUBRICATE RIG			9376	9376	SERVICE RIG
16:30	19:30	3.0	INTERMEDIATE DRILLING - VDRILLING			9376	9534	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,376' - T/ 9,534' (158' @ 52.6 FPH) WOB: 40-50K, GPM: 500-650, PPSI: 2400-3800, DIFF: 600-1100, RPM: 20, TORQUE ON: 7,000-15,000 FT/LBS, OFF: 6,500-6,800 FT/LBS, MW IN: 9.3 / OUT: 9.4 PPG, LITHOLOGY: 9,200' MD - 15% SH, 60% LS, 25% CHRT, BACKGROUND GAS: 135 UNITS, CONNECTION GAS: 174 UNITS, EXPERIENCED FLOW @ 8,860', CLOSED LOOP STOPPED FLOW WITH SINGLE CHOKE 100PSI ON BACKSIDE, DRILL AHEAD GONG CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY  **WATER FLOW @ 8,860'

[illegible]



# DAILY DRILLING REPORT

RPT DATE: 4/5/2022

RPT NUM.: 7

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H	JOB:	RIG SUPERV: ELWYN EVANS/BRIAN GRESHAM
FIELD: PHANTOM WOLFCAMP	LEASE: UL YELLOWTAIL WEST E 21-29-17 WB	RIG PHONE: 432-355-3112
AFE #:	API #: 42-495-34698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: UNIT	ELEVATION:	RKB:
SPUD DATE: 3/30/2022	DFS: 6.0	DOL: 11
MD/TVD: 10388 FT/10362 FT	24 HR FTG: 854	HRS DRLG: 9
PRESENT OPERATIONS: TRIPPING IN THE HOLE @ 5,000'		
ACTIVITY PLANNED: TIH TO 10,388', DRILL 8 3/4" HOLE SECTION		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/4/2022	4/5/2022	None	HANDLING BHA , TIH H2S AWARENESS
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			
SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS			
00:00 – 02:30: TRIPPED IN THE HOLE F/ 3,355' - T/ 10,388' WITH NO RETURNS. MONITORING WELL @ TRIP TANK. STOPPED AND FILLED PIPE AT 3,355' WITH FULL RETURNS ONCE CIRCULATION WAS BROKE.TEST MWD TOOL (GOOD TEST).			
02:30 – 03:00: FILL PIPE, WASH TO BOTTOM, INITIALLY LOST 50BBLs, EVENTUALLY GOT FULL RETURNS, WELL STARTED SHOWING GAINS WITH PUMP ON, ESTIMATED WATER FLOW @ 120BBLs / HR WITH PUMPS ON			
03:00 – 06:00: ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 10,388' - T/ 10,530' (142' @ 47 FPH) WOB: 45K, GPM: 550, PPSI: 2400-3500, DIFF: 200-600, RPM: 20-60, TORQUE ON: 13,000-15,000 FT/LBS, OFF: 8,500-9,200 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,230' MD - 80% SH, 20% LS, BACKGROUND GAS: 70 UNITS, CONNECTION GAS: 105 UNITS, WELL FLOWING WITH ESTIMATED 120BBLs/HR, HOLDING 150PSI ON BACKSIDE WHILE DRILLING AHEAD, DRILLING OPEN LOOP CHANGING TO CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY			
SLIDE F/ 10,330' T/ 10,350' TF 100M			
SLIDE F/ 10,422' T/ 10,452' TF 100M			
GAS/DIESEL USAGE: 45% CNG/65% DIESEL			
LAST B.O.P TEST: 4-2-2022			
NO ACCIDENTS, INCIDENTS, OR SPILLS			
DOWNTIME 0 HRS (3.5 HRS TOTAL)			
NON-PRODUCTIVE TIME, 0 HRS (0 HRS TOTAL)			

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$78,448	CUM DRILL COST:	\$930,177	CUM MUD COST:	\$46,287	CUM WELL COST:	\$930,177
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## BOP

LAST BOP TEST:	4/2/22	LAST BOP DRILL:	4/3/22	NEXT BOP TEST:	4/23/22
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## CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	9.63	40-45.5	J55	5,088	

## MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	9.3	28.0	1.0	10.0	1	1	1	1	110,000		0.20	0.40				

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
3	8.75	SMITH	XZ616	JB6581	6x15	1.030	N	9,534	10,388	854	9.0	45	75	94.9
2	8.75	REED	TKC76	A283844	6x12, 4x10	0.969	N	5,104	9,534	4,430	30.5	50	175	145.2
BIT NO. 3 INNER: 3 OUTER: 8 DULL: RO LOC: SH SEAL: X GAUGE: I OTHER: WT RP: PR														

## 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	67	2850	225	.00176	95	9.6	239	392		1609
2	WEATHERFORD	EQ-2200	5.000	12.000	67	2850	225	0.00176	95	9.6	239	392		1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8 3/4 REED TKC76 PDC BIT	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 1/4 INCH 8/9 4.3 @ 1.83	7.25		39.25	8	Drill Collar-9 joints of 6 1/2 Drill Collars (	6.5	3.25	274.57
3	Stabilizer-4 Blade Stabilizer 8 1/4 ( Bored	6.75	2.812	5.43	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF	6.75		3.69	10	Drill Collar-12 joints 5 HWDP ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: 8.75" INTERMEDIATE BHA #4	BHA WT. AIR: 195	BHA WT. MUD: 185	HRS. ON JARS:
LENGTH: 755.13	P.U. WT.: 200	S.O. WT.: 170	TORQUE: 13
ROT. WT.: 185			

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
9,688	2.50	187.88	9,663		260.4	386.7	141.6	1.9
9,782	1.87	215.49	9,757		257.2	385.5	138.8	1.3
9,876	2.34	222.86	9,851		254.5	383.3	136.8	0.6
9,968	1.97	212.72	9,943		251.8	381.2	134.8	0.6
10,061	1.62	207.27	10,035		249.3	379.7	132.8	0.4
10,154	1.36	226.80	10,128		247.4	378.3	131.4	0.6
10,249	0.45	285.81	10,223		246.7	377.1	131.1	1.3
10,318	0.45	285.81	10,292		246.8	376.6	131.4	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,461	9,913
CNG		725	-4,363

## NOTIFICATIONS

[illegible]

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	01:00	1.0	INTERMEDIATE DRILLING - VPU BHA			9534	9534	LAY DOWN MOTOR AND BIT FROM BHA #2 AS FOLLOWS: BIT #2 8 3/4" REED TCK76, 6 X 12'S AND 4 X 10'S JETS, TFA .97. 5N-A283844, BIT GRADE 8-6-RO, 7" MOTOR 7/8, 5.0 STG, FBH SET AT 1.75" 0.26 REV/GAL MAX TRQ 18,710, MAX DIFF 1,900. BIT TO BEND: 5.30", KICK PAD OD 7.44", 1- 8" UBHO, 2 - 8" NMDC, XO, 9 - 6.5" DC, XO, 12 - 5" HWDP
01:00	01:30	0.5	INTERMEDIATE DRILLING - VPU BHA			9534	9534	PICK UP DIRECTIONAL TOOLS FOR BHA #3 AS FOLLOWS: BIT #3- 8 - 3/4" SMITH XZ616 W/ 6 X 15", TFA 1.03 SN# JV6581, 7 1/4" MOTOR 8.9, 4.3 STG, ADJ SET AT 1.83" 0.15 REV/GAL MAX TRQ 22,828 MAX DIFF 1,400. BIT TO BEND: 6.52", KICK PAD OD: 7.44", 8- 1/4" STAB,1- 8" UBHO, 2 - 8" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP
01:30	02:00	0.5	INTERMEDIATE DRILLING - VLUBRICATE RIG			9534	9534	RIG SERVICE
02:00	06:30	4.5	INTERMEDIATE DRILLING - VTRIPS			9534	9534	TRIPPED IN THE HOLE F/ 850' - T/ 9,474' WITH NO RETURNS. MONITORING WELL @ TRIP TANK. STOPPED AND FILLED PIPE AT 4,900' WITH FULL RETURNS ONCE CIRCULATION WAS BROKE.TEST MWD TOOL (GOOD TEST).
06:30	07:00	0.5	INTERMEDIATE DRILLING - VREAMING			9534	9534	FILL PIPE, WASH TO BOTTOM, INITIALLY LOST 50BBLs, EVENTUALLY GOT FULL RETURNS, WELL STARTED SHOWING GAINS WITH PUMP ON, ESTIMATED WATER FLOW @ 120BBLs / HR WITH PUMPS ON
07:00	16:00	9.0	INTERMEDIATE DRILLING - VDRILLING			9534	10388	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,534' - T/ 10,388' (854' @ 94.8 FPH) WOB: 45K, GPM: 550, PPSI: 2400-3500, DIFF: 200-600, RPM: 20-60, TORQUE ON: 13,000-15,000 FT/LBS, OFF: 8,500-9,200 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,230' MD - 80% SH, 20% LS, BACKGROUND GAS: 70 UNITS, CONNECTION GAS: 105 UNITS, WELL FLOWING WITH ESTIMATED 120BBLs/HR, HOLDING 150PSI ON BACKSIDE WHILE DRILLING AHEAD, DRILLING OPEN LOOP CHANGING TO CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY  SLIDE F/ 10,330' T/ 10,350' TF 100M
16:00	16:30	0.5	INTERMEDIATE DRILLING - VCOND MUD & CIRC			10388	10388	CIRCULATE . MOVE KILL MUD TO SLUG TANK AND PUMP SLUG

16:30	20:00	3.5	INTERMEDIATE DRILLING - VTRIPS			10388	10388	STRIP OUT OF HOLE FOR LOW R.O.P F/ 10,388' - T/ 832' FORCE FILLING AT CALCULATED DISPLACEMENT WITH 9.4 PPG BRINE, SWAP TO 15.0 PPG KILL MUD @ 5,088'. OPEN WELL @ BHA FLOW CHECK WELL (WELL STATIC). TOTAL KMW PUMPED: 100 BBLS OF 15.0 PPG. TOTAL FOOTAGE PULLED: 9,556' @ 2,730 FPH AVG. TOTAL FOOTAGE PULLED: 9,556' @ 2,730 FPH AVG.
20:00	20:30	0.5	INTERMEDIATE DRILLING - VOTHER			10388	10388	PULL ROTATING HEAD / INSTALL TRIP NIPPLE.
20:30	21:00	0.5	INTERMEDIATE DRILLING - VPU BHA			10388	10388	LAY DOWN BIT FROM BHA #3 AS FOLLOWS: BIT #3- 8 -3/4" SMITH XZ616 W/ 6 X 15'S, TFA 1.03 SN# JV6581, 7 1/4" MOTOR 8.9, 4.3 STG, ADJ SET AT 1.83" 0.15 REV/GAL MAX TRQ 22,828 MAX DIFF 1,400. BIT TO BEND: 6.52', KICK PAD OD: 7.44", 8-1/4" STAB,1- 8" UBHO, 2 - 8" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP *** BIT GRADE 3-8-RO
21:00	21:30	0.5	INTERMEDIATE DRILLING - VPU BHA			10388	10388	PICK UP DIRECTIONAL TOOLS FOR BHA #4 AS FOLLOWS: BIT #4- 8 -3/4" REED TCK76 W/ 6 X 12'S, 4 X 10'S, TFA .97 SN# A283108, 7 1/4" MOTOR 8.9, 4.3 STG, ADJ SET AT 1.83" 0.15 REV/GAL MAX TRQ 22,828 MAX DIFF 1,400. BIT TO BEND: 6.52', KICK PAD OD: 7.44", 8-1/4" STAB,1- 8" UBHO, 2 - 8" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP
21:30	23:30	2.0	INTERMEDIATE DRILLING - VTRIPS			10388	10388	TRIPPED IN THE HOLE F/ 850' - T/ 3,555' WITH NO RETURNS. MONITORING WELL @ TRIP TANK. STOPPED AND FILLED PIPE AT 3,555' WITH FULL RETURNS ONCE CIRCULATION WAS BROKE. TEST MWD TOOL (GOOD TEST).
23:30	00:00	0.5	INTERMEDIATE DRILLING - VRIG SERVICE			10388	10388	SERVICR RIG.
TOTAL HRS	24.0							

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# DAILY DRILLING REPORT

RPT DATE: 4/6/2022

RPT NUM.: 8

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H  
FIELD: PHANTOM WOLFCAMP  
AFE #:  
CONTRACTOR: UNIT  
SPUD DATE: 3/30/2022  
MD/TVD: 11354 FT/11332 FT  
PRESENT OPERATIONS: DRILLING INTERMEDIATE  
ACTIVITY PLANNED: RUN CASING

JOB:  
LEASE: UL YELLOWTAIL WEST E 21-29-17 WB  
API #: 42-495-34698  
ELEVATION:  
DFS: 7.0  
24 HR FTG: 966

RIG SUPERV: ELWYN EVANS/SHAWN GREEN  
RIG PHONE: 432-355-3112  
EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO  
RKB:  
DOL: 12  
HRS DRLG: 19

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/6/2022	4/7/2022	None	TRIPPING AND MAKING CONNECTIONS WHILE DRILLING
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 SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS			
00:00 – 06:00: ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 11,354' - T/11,493' (139' @ 23 FPH) WOB: 45K, GPM: 550, PPSI: 2400-3000, DIFF: 200-600, RPM: 20-60, TORQUE ON: 13,000-15,000 FT/LBS, OFF: 8,500-9,200 FT/LBS, MW IN: 9.4 / OUT: 9.4 PPG, LITHOLOGY: 11'400 MD - 50% SH, 50% LS, BACKGROUND GAS: 120 UNITS, CONNECTION GAS: 105 UNITS, WELL FLOWING WITH ESTIMATED 120BBLs/HR, HOLDING 150PSI ON BACKSIDE WHILE DRILLING AHEAD, DRILLING OPEN LOOP CHANGING TO CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY			
SLIDE F/ 11,346' T/ 11,371' TF 90L M SLIDE F/ 11,412' T/ 10,452' TF 100M			

GAS/DIESEL USAGE: 45% CNG/65% DIESEL  
LAST B.O.P TEST: 4-2-2022  
NO ACCIDENTS, INCIDENTS, OR SPILLS  
DOWNTIME 0 HRS (3.5 HRS TOTAL)  
NON-PRODUCTIVE TIME, 0 HRS (0 HRS TOTAL)

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$67,816	CUM DRILL COST:	\$997,993	CUM MUD COST:	\$60,757	CUM WELL COST:	\$997,993
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## BOP

LAST BOP TEST:	4/2/22	LAST BOP DRILL:	4/3/22	NEXT BOP TEST:	4/23/22
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## CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	9.63	40-45.5	J55	5,088	

## 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	27.0	1.0	10.0	99	1	1	1	1	1	106,000		0.20	0.50	5,600		0.70	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TCK76	A283108	6x12, 4x10	0.970	N	10,388	11,354	966	19.0	45	97	50.8
3	8.75	SMITH	XZ616	JB6581	6x15	1.030	N	9,534	10,388	854	9.0	45	75	94.9

BIT NO. 3	INNER: 3	OUTER: 8	DULL: RO	LOC: SH	SEAL: X	GAUGE: I	OTHER: WT	RP: PR
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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	67	2850	275	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	67	2850	275	0.00176	95	9.6	239	392	54.6	1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8 3/4 REED TKC76 PDC BIT	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 1/4 INCH 8/9 4.3 @ 1.83	7.25		39.25	8	Drill Collar-9 joints of 6 1/2 Drill Collars (	6.5	3.25	274.57
3	Stabilizer-4 Blade Stabilizer 8 1/4 ( Bored	6.75	2.812	5.43	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF	6.75		3.69	10	Drill Collar-12 joints 5 HWDP ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: 8.75" INTERMEDIATE BHA #4  
LENGTH: 755.13  
ROT. WT.: 200

BHA WT. AIR: 230  
P.U. WT.: 250

BHA WT. MUD: 220  
S.O. WT.: 180

HRS. ON JARS:  
TORQUE: 16,000

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
10,718	4.36	202.07	10,692		230.6	374.5	116.4	2.1
10,812	6.41	199.09	10,786		222.4	371.5	109.3	2.2
10,906	7.42	197.96	10,879		211.6	367.9	100.0	1.1
11,000	7.03	187.54	10,972		200.2	365.3	89.7	1.5
11,094	7.80	190.55	11,065		188.2	363.3	78.8	0.9
11,187	8.59	170.79	11,157		175.1	363.3	66.3	3.1
11,281	5.66	174.35	11,251		163.6	364.9	54.7	3.2
11,350	5.66	174.35	11,319		156.8	365.5	48.1	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed	7,200	1,662	15,451
CNG		1,030	-5,393

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/30/2022	12:00	PUD / SURFACE CASIN	EVANS	TRRC	VALERIE	JOB # 295205

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	
ALTITUDE	2DD'S, 2 MWD HANDS	4	48	288	
IMPAC	2 X MUDLOGGERS	2	24	96	
AES	MUD ENGINEER	2	24	84	

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	02:30	2.5	INTERMEDIATE DRILLING - V	TRIPS		10388	10388	00:00 – 02:30: TRIPPED IN THE HOLE F/ 3,355' - T/ 10,388' WITH NO RETURNS. MONITORING WELL @ TRIP TANK. STOPPED AND FILLED PIPE AT 3,355' WITH FULL RETURNS, TEST MWD TOOL (GOOD TEST).
02:30	03:00	0.5	INTERMEDIATE DRILLING - V	COND MUD & CIRC		10388	10388	02:30 – 03:00: FILL PIPE, WASH TO BOTTOM, INITIALLY LOST 50BBLs, EVENTUALLY GOT FULL RETURNS, WELL STARTED SHOWING GAINS WITH PUMP ON, ESTIMATED WATER FLOW @ 120BBLs / HR WITH PUMPS ON
03:00	06:00	3.0	INTERMEDIATE DRILLING - V	DRILLING		10388	10530	03:00 – 06:00: ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 10,388' - T/ 10,530' (142" @ 47 FPH) WOB: 45K, GPM: 550, PPSI: 2400-3000, DIFF: 200-600, RPM: 20-60, TORQUE ON: 13,000-15,000 FT/LBS, OFF: 8,500-9,200 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,559' MD - 80% LS, 15% SHALE, BACKGROUND GAS: 30 UNITS, CONNECTION GAS: 105 UNITS, WELL FLOWING WITH ESTIMATED 120BBLs/HR, HOLDING 150PSI ON BACKSIDE WHILE DRILLING AHEAD, DRILLING OPEN LOOP CHANGING TO CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY  SLIDE F/ 10,388' T/ 10,412' TF 100M SLIDE F/ 10,422' T/ 10,452' TF 100M
06:00	10:30	4.5	INTERMEDIATE DRILLING - V	DRILLING		10530	10787	06:00 – 10:30: ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 10,530' - T/ 10,787' (257" @ 57 FPH) WOB: 45K, GPM: 550, PPSI: 2400-3000, DIFF: 200-600, RPM: 20, TORQUE ON: 13,000-15,000 FT/LBS, OFF: 8,500-9,200 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,555' MD -15% SH, 80% LS, 5% CHERT BACKGROUND GAS: 30 UNITS, CONNECTION GAS: 105 UNITS, WELL FLOWING WITH ESTIMATED 120BBLs/HR, HOLDING 150PSI ON BACKSIDE WHILE DRILLING AHEAD, DRILLING OPEN LOOP CHANGING TO CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY
10:30	11:00	0.5	INTERMEDIATE DRILLING - V	LUBRICATE RIG		10787	10787	RIG SERVICE





# DAILY DRILLING REPORT

RPT DATE: 4/7/2022

RPT NUM.: 9

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H	JOB:	RIG SUPERV: ELWYN EVANS/SHAWN GREEN
FIELD: PHANTOM WOLFCAMP	LEASE: UL YELLOWTAIL WEST E 21-29-17 WB	RIG PHONE: 432-355-3112
A/E #:	API #: 42-495-34698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: UNIT	ELEVATION:	RKB:
SPUD DATE: 3/30/2022	DFS: 8.0	DOL: 13
MD/TVD: 11645 FT/11544 FT	24 HR FTG: 291	HRS DRLG: 8
PRESENT OPERATIONS: RUNNING 7 5/8" CASING		
ACTIVITY PLANNED: CONTINUE TO RUN CASING AND CEMENT		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/6/2022	4/7/2022	None	TRIPPING AND MAKING CONNECTIONS WHILE DRILLING

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  
SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS

00:00 – 04:00: CONTINUE RUNNING CASING F/5,815' T/ 11,385 MAKE UP SHOE TRACK & THREAD LOCK, CHECK FLOATS (OK), RUN 7 5/8", 29.7#, HCL-80, BTC CASING AS FOLLOWS SHOE TO BE SET AT 11,645', 2 JOINTS OF CASING, FLOAT COLLAR TO BE SET AT 11,534', CONTINUE RUNNING 145 JTS CSG, LANDING COLLAR, 2 JOINTS CASING, P/U & M/U DV TO BE SET @ 4,998', THREAD LOCKED ON BOTH ENDS, ECP TO BE SET 5,000.97'

04:00 - 06:00: RUNNING CASING @ 11,385' PIPE WOULD NOT GO DOWN, PICKED UP 330 (20 OVER), SCREWED IN AND FILLED CASING, RECIPROCATATE PIPE AND TRY FORWARD CIRCULATING, CIRCULATE 115BBLs DOWN PIPE NO RETURNS, CLOSE BAG AND INDUCE WELL ON BACKSIDE

GAS/DIESEL USAGE: 45% CNG/65% DIESEL  
LAST B.O.P TEST: 4-2-2022  
NO ACCIDENTS, INCIDENTS, OR SPILLS  
DOWNTIME 0 HRS (3.5 HRS TOTAL)  
NON-PRODUCTIVE TIME, 0 HRS (0 HRS TOTAL)

## COST DATA

DRILLING A/E AMT:	DAILY DRILL COST:	\$58,366	CUM DRILL COST:	\$1,099,131	CUM MUD COST:	\$63,823	CUM WELL COST:	\$1,099,131
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## BOP

LAST BOP TEST:	4/2/22	LAST BOP DRILL:	4/3/22	NEXT BOP TEST:	4/23/22
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## CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	9.63	40-45.5	J55	5,088	

## 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	1.0		9.0	0	1	1	1	1	6,400	0.10	0.30	105,000		1.00	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TCK76	A283108	6x12, 4x10	0.970	N	10,388	11,645	1,257	26.0	40	97	48.3
3	8.75	SMITH	XZ616	JB6581	6x15	1.030	N	9,534	10,388	854	9.0	45	75	94.9

BIT NO. 4	INNER: 1	OUTER: 1	DULL: CT	LOC: S	SEAL:	GAUGE: I	OTHER: LT	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	67	2850	275	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	67	2850	275	0.00176	95	9.6	239	392	54.6	1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8 3/4 REED TKC76 PDC BIT	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 1/4 INCH 8/9 4.3 @ 1.83	7.25		39.25	8	Drill Collar-9 joints of 6 1/2 Drill Collars (	6.5	3.25	274.57
3	Stabilizer-4 Blade Stabilizer 8 1/4 ( Bored	6.75	2.812	5.43	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF	6.75		3.69	10	Drill Collar-12 joints 5 HWDP ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: 8.75" INTERMEDIATE BHA #4

LENGTH: 755.13

ROT. WT.: 195

BHA WT. AIR: 205

P.U. WT.: 210

BHA WT. MUD: 195

S.O. WT.: 180

HRS. ON JARS:

TORQUE: 13

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
11,094	7.80	190.55	11,065		188.2	363.3	78.8	0.9
11,187	8.59	170.79	11,157		175.1	363.3	66.3	3.1
11,281	5.66	174.35	11,251		163.6	364.9	54.7	3.2
11,350	5.66	174.35	11,319		156.8	365.5	48.1	
11,375	3.79	170.24	11,344		159.9	365.8	47.1	
11,468	4.40	173.93	11,437		149.3	366.7	40.5	
11,576	3.42	179.26	11,545		142.0	367.2	33.4	
11,645	3.42	179.26	11,614		137.9	367.3	29.4	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,392	14,059
CNG		396	-5,789

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/30/2022	12:00	PUD / SURFACE CASIN	EVANS	TRRC	VALERIE	JOB # 295205
4/7/2022	9:40	INTERMEDIATE CSG /CM	EVANS	TRRC	MARISSA	7 5/8" CASING WITH D/V AND TWO STAGE CEMENT JOB NOTIFICATION



FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	08:00	8.0	INTERMEDIATE DRILLING - V	DRILLING		11354	11645	00:00 – 06:00: ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 11,354' - T/11,645' (291' @ 36.38 FPH) WOB: 38-45K, GPM: 550-650, PPSI: 3000-4100, DIFF: 400-700, RPM: 20-60, TORQUE ON: 11,600-18,400 FT/LBS, OFF: 10,000-11,200 FT/LBS, MW IN: 9.4 / OUT: 9.4 PPG, LITHOLOGY: 11'645 MD - 80% SH, 10% LS, 10SS BACKGROUND GAS: 135 UNITS, CONNECTION GAS: 195 UNITS, WELL FLOWING WITH ESTIMATED 120BBLS/HR, HOLDING 150PSI ON BACKSIDE WHILE DRILLING AHEAD, DRILLING OPEN LOOP CHANGING TO CLOSED LOOP TO CHECK FOR BBL IN / BBL OUT PERIODICALLY  SLIDE F/ 11,346' T/ 11,371' TF 45L SLIDE F/ 11,412' T/ 11,432' TF 45L SLIDE F/ 11,482' T/ 11,505' TF HS
08:00	09:30	1.5	INTERMEDIATE CASING	COND MUD & CIRC		11645	11645	CONDITION AND CIRCULATE MUD, PUMP 40 BBL HI VIS MARKER SWEEP, PUMP DRILL STRING VOLUME, PUMP SECOND HI VIS MARKER SWEEP, CONTINUE ROTATING AND RECIPROCATING SWEEPS FROM HOLE, PUMP & SPOT 100 BBLS OF WATER LOSS PILL ON BOTTOM, PUMP 40 BBLS 15.3 PPG KMW SLUG  **1ST SWEEP CALC WASHOUT 2.8%** 2ND SWEEP CALC WASHOUT 3.0%
09:30	16:00	6.5	INTERMEDIATE CASING	TRIPS		11645	11645	STRIP OUT OF HOLE FOR 7 5/8" INTERMEDIATE F/ 11,465' - T/ 5045' FORCE FILLING @ CALC. DISPLACEMENT WITH 15.3PPG KILL MUD, STRIP TO 7 5/8" CASING SHOE, OPEN WELL & FLOW CHECK, WELL STATIC, CONTINUE TRIPPING OUT MONITORING DISP T/F TRIP TANK PUMPING CALC. DISP. ON BACKSIDE WITH 9.3PPG ACTIVE MUD FLOW CHECK WELL PRIOR TO PULLING ROTATING HEAD, WELL STATIC.  **JSA & SAFETY MEETING WITH ALL PERSONAL OVER TRIPPING OUT OF HOLE
16:00	18:00	2.0	INTERMEDIATE CASING	DIR WORK		11645	11645	LAY OUT DIRECTIONAL TOOLS FOR BHA #4 AS FOLLOWS: BIT #4- 8 -3/4" REED TCK76 W/ 6X 12'S, 4 X 10'S, TFA .97 SN# A283108, 7 1/4" MOTOR 8.9, 4.3 STG, ADJ SET AT 1.83° 0.15 REV/GAL MAX TRQ 22,828 MAX DIFF 1,400. BIT TO BEND: 6.52", KICK PAD OD: 7.44", 8-1/4" STAB 1-8" URHO 2 - 8" NMDC

[illegible]





## DAILY DRILLING REPORT

RPT DATE: 4/8/2022

RPT NUM.: 10

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H

FIELD: PHANTOM WOLFCAMP

AFE #:

CONTRACTOR: UNIT

SPUD DATE: 3/30/2022

MD/TVD: 11645 FT/11610 FT

PRESENT OPERATIONS: RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 22:00 HRS

ACTIVITY PLANNED: RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 22:00 HRS

JOB:

LEASE: UL YELLOWTAIL WEST E 21-29-17 WB

API #: 42-495-34698

ELEVATION:

DFS: 8.8

24 HR FTG:

RIG SUPERV: ELWYN EVANS/SHAWN GREEN

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB:

DOL: 14

HRS DRLG:

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/7/2022	4/8/2022	None	RUNNING CASING / CEMENTING / RIG DOWN

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

SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS

RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 HRS

\*\* TRANSFERRED 13,103 GAL OF FUEL TO YELLOWTAIL 8H

GAS/DIESEL USAGE: 45% CNG/65% DIESEL

LAST B.O.P TEST: 4-2-2022

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (3.5 HRS TOTAL)

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

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$634,096	CUM DRILL COST:	\$1,733,228	CUM MUD COST:	\$64,648	CUM WELL COST:	\$1,733,228
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## BOP

LAST BOP TEST:	4/2/22	LAST BOP DRILL:	4/3/22	NEXT BOP TEST:	4/23/22
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## CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD
Conductor	16.00			100	100
Surface	9.63	40-45.5	J55	5,088	
Intermediate	7.63	29.7	HCL-80	11,626	11,594

## MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	9.1	27.0		9.0	99	1	1	1			0.10	0.30	5,200			

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TCK76	A283108	6x12, 4x10	0.970	N	10,388	11,645	1,257	26.0	40	97	48.3
3	8.75	SMITH	XZ616	J86581	6x15	1.030	N	9,534	10,388	854	9.0	45	75	94.9

BIT NO. 4	INNER: 1	OUTER: 1	DULL: CT	LOC: S	SEAL:	GAUGE: I	OTHER: LT	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	67	2850	275	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	67	2850	275	0.00176	95	9.6	239	392	54.6	1609

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8 3/4 REED TKC76 PDC BIT	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 1/4 INCH 8/9 4.3 @ 1.83	7.25		39.25	8	Drill Collar-9 joints of 6 1/2 Drill Collars (	6.5	3.25	274.57
3	Stabilizer-4 Blade Stabilizer 8 1/4 ( Bored	6.75	2.812	5.43	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF	6.75		3.69	10	Drill Collar-12 joints 5 HWD ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: 8.75" INTERMEDIATE BHA #4

LENGTH: 755.13

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
11,094	7.80	190.55	11,065	188.2	363.3	78.8	0.9	
11,187	8.59	170.79	11,157	175.1	363.3	66.3	3.1	
11,281	5.66	174.35	11,251	163.6	364.9	54.7	3.2	
11,350	5.66	174.35	11,319	156.8	365.5	48.1		
11,375	3.79	170.24	11,344	159.9	365.8	47.1		
11,468	4.40	173.93	11,437	149.3	366.7	40.5		
11,576	3.42	179.26	11,545	142.0	367.2	33.4		
11,645	3.42	179.26	11,614	137.9	367.3	29.4		

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		956	13,103
CNG			-5,789

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/30/2022	12:00	PUD / SURFACE CASIN	EVANS	TRRC	VALERIE	JOB # 295205
4/7/2022	9:40	INTERMEDIATE CSG /CM	EVANS	TRRC	MARISSA	7 5/8" CASING WITH D/V AND TWO STAGE CEMENT JOB NOTIFICATION

## PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours	
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	240	
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	1,560	
ALTITUDE	2DD'S, 2 MWD HANDS	4	48	384	
IMPAC	2 X MUDLOGGERS	2	24	144	
AES	MUD ENGINEER	2	24	132	
4 STAR CASING CREW	CASING CREW	4	48	48	
CACTUS	WELL HEAD HAND	1	24	24	
WTC	CEMENTING	6	96	96	
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## DAILY DRILLING REPORT

RPT DATE:  
RPT NUM.:  
RIG:

### WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H  
FIELD: PHANTOM WOLFCAMP  
AFE #:  
CONTRACTOR: UNIT  
SPUD DATE: 3/30/2022  
MD/TVD: 11645 FT/11610 FT  
PRESENT OPERATIONS: RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 22:00 HRS  
ACTIVITY PLANNED: RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 22:00 HRS

JOB:  
LEASE: UL YELLOWTAIL WEST E 21-29-17 WB  
API #: 42-495-34698  
ELEVATION:  
DFS: 8.8  
24 HR FTG:

RIG SUPERV: ELWYN EVANS/SHAWN GREEN  
RIG PHONE: 432-355-3112  
EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO  
RKB:  
DOL: 14  
HRS DRLG:

### COST BREAKDOWN

Code	Description	Daily Cost	Vendor	Remarks
2250-40		\$ 22,500	UNIT DRILLING	RIG/PAD SPLIT FOR RIG MOVE DAYS W/DAYRATE
2250-65	CNG TRAILER DAILY RENTAL	\$ 500	CERTARUS USA LTD	CNG TRAILER DAILY RENTAL
2250-67	WATER HANDLING	\$ 160	THUNDERBOLT	DAILY RENTAL FAST LINE
2250-70	CORVA	\$ 258	CORVA	CORVA DAILY COST
2250-70	HOUSING	\$ 515	CIVEO	CAMP HOUSING X5, TRANSFORMER
2250-70	INTERNET, PHONES, COMS	\$ 140	INFRASTRUCTURE NETWORKS	INTERNET, PHONES, COMS
2250-70	PASON	\$ 60	PASON	OFFICE PASON
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 13	SKYPORT INC.	SKYPORT SUPERINTENDENT RENTAL
2250-70	SUPERINTENDENT CAMP	\$ 19	WOLFPACK RENTALS	SUPERINTENDENT CAMP
2250-70	WATER FLEET DAILY RENTAL	\$ 672	WATERFLEET	WATER FLEET DAILY RENTAL
2250-70	WELLDRIIVE	\$ 107	WELLDRIIVE	WELLDRIIVE
2250-75	TRANSPO / TRUCKING / HOTSHOT	\$ 2,250	TO A TEE	BACKHAUL DP
2250-80	DRILLING AVISOR	\$ 50	FOCUSED DRILLING & COMPLETIONS LLC	DRILLING AVISOR
2250-80	DRILLING SUPERINTENDANT	\$ 733	CRESCENT CONSULTING	DRILLING SUPERINTENDANT
2250-80	WELLSITE SUPERVISOR SHAWN GREEN	\$ 2,000	CRESCENT CONSULTING	WELLSITE SUPERVISOR
2250-80	WELLSITE SUPERVISOR BLODGET/ EVANS	\$ 2,000	OIL CITY DRILLING SERVICES, LLC	WELLSITE SUPERVISOR
2250-85	CACTUS TECH	\$ 2,540	CACTUS WELLHEAD, LLC	WELLHEAD TECH LAND, INSTALL PACKOFF
2250-85	NIPPLE DOWN BOP	\$ 4,785	MONAHANS NIPPLE-UP SERVICE	NIPPLE DOWN BOP
2250-85	WELDING & OTH CONTR SRVC/LABOR	\$ 4,000	MAVERICK OILFIELD SERVICES	TEST TQ. ON IRON ROUGHNECK
2250-90	4.5" CET43 DRILL PIPE RENTAL + TAX	\$ 1,820	CASEY EQUIPMENT, LTD	11,500' OR 371 JOINTS plus tools
2250-95	13 5/8" 10K 36" SPOOL FOR B.O.P	\$ 44	MONAHANS NIPPLE-UP SERVICE	13 5/8" 10K 36" SPOOL FOR B.O.P
2250-95	13 5/8" ROTAING HEAD AND ORBIT VALVE	\$ 420	HALLIBURTON	13 5/8" ROTAING HEAD AND ORBIT VALVE
2250-95	2 SUPER CHOKES, MANIFOLD AND FLARE L	\$ 796	IRON HORSE TOOLS, INC.	2 SUPER CHOKES, MANIFOLD AND FLARE LINE. (tax incl
2250-95	3.5" X 5.5" VBR'S	\$ 64	POWER RIG RENTAL TOOL	3.5" X 5.5" VBR'S
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 755	SKEWL ENERGY SERVICES	FORKLIFTS, MANLIFT, LIGHT TOWERS
2250-95	H2S MONITORS	\$ 225	CANON SAFETY SERVICES	H2S MONITORS
2250-95	HALF ROUND	\$ 35	JOHNSON SPECIALTY TOOLS (JST)	HALF ROUND
2250-95	INLINE MUD SCREEN	\$ 100	BLACK DIAMOND	INLINE MUD SCREEN
2250-95	MUD VAC, VAC HOSE	\$ 105	EAST TEXAS SUPPLY	MUD VAC, VAC HOSE
2250-95	ROCKIT	\$ 523	NABORS DRILLING SOLUTIONS	ROCKIT
2250-95	TANK FARM AND PUMPS	\$ 2,448	SKEWL ENERGY SERVICES	TANK FARM AND PUMPS
2250-95	TOTCO PVT AND RIG MONITORING	\$ 793	NOV	
2250-105	CASING CREW TO RUN 7 5/8" CASING	\$ 11,340	4 STAR USA	
2250-110	INTERMEDIATE CEMENT JOB	\$ 44,936	WEST TEXAS CEMENTERS	
2250-115	DIRECTIONAL DRILLING & SURVEYS	\$ 9,775	ALTITUDE ENERGY PARTNERS	
2250-125	DRILLING & COMPLETION FLUIDS	\$ 825	AES DRILLING FLUIDS INC	
2250-130	MUDLOGGERS	\$ 925	IMPAC EXPLORATION SERVICES, INC.	
2350-15		\$ 469,612	TRIDENT STEEL	
2350-30	FLOAT COLLAR, DV/ECP, FLOAT SHOE CEN	\$ 37,913	OILFIELD SERVICE PROFESSIONALS (OSP)	
2350-40	7 5/8" PACKOFF AND LANDING HANGER	\$ 7,340	CACTUS WELLHEAD, LLC	
Total:		\$ 634,096		

### TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	04:00	4.0	INTERMEDIATE CASING	RUN CSG & CEMENT		11645	11645	00:00 – 04:00: CONTINUE RUNNING CASING F/5,815' T/ 11,385 MAKE UP SHOE TRACK & THREAD LOCK, CHECK FLOATS (OK), RUN 7 5/8" T", 29.7#, HCL-80, BTC CASING AS FOLLOWS SHOE TO BE SET AT 11,645', 2 JOINTS OF CASING, FLOAT COLLAR TO BE SET AT 11,534', CONTINUE RUNNING 145 JTS CSG, LANDING COLLAR, 2 JOINTS CASING, P/U & M/U DV TO BE SET @ 4,998', THREAD LOCKED ON BOTH ENDS, ECP TO BE SET 5,000.97'
04:00	06:00	2.0	INTERMEDIATE CASING	RUN CSG & CEMENT		11645	11645	04:00 - 06:00: RUNNING CASING @ 11,385' PIPE WOULD NOT GO DOWN, PICKED UP 330 (20 OVER), SCREWED IN AND FILLED CASING, RECIPROCATATE PIPE AND TRY FORWARD CIRCULATING, CIRCULATE 115BBLs DOWN PIPE NO RETURNS, CLOSE BAG AND INDUCE WELL ON BACKSIDE, PRESSURED UP TO 1500PSI TWICE ON BACKSIDE, VERY SLOW BLEED OFF  PICKED UP CASING TO NEUTRAL, BEGAN PUMPING DOWN CASING, CASING WASHED DOWN. CONTINUED TO RUN REMAINING 4 JTS OF CASING, WITH NO CIRCULATION P/U & M/U LANDING JOINT WITH FLUTED CACTUS LANDING MANDREL W/ TORQUE RING, MAKE UP LANDING JOINT WITH CACTUS HAND. FILL PIPE, INSTALL PRE INSTALLED CASING STRIPPING RUBBER & LAND OUT CASING WITH 230K ST WT. VERIFIED AND RECIPROCATED x2  **RUN ONE STRAIGHT VANE CENTRALIZER ON FIRST TWO JOINTS, ONE EVERY FOURTH COLLAR TO DV / ECP COMBO. FOR A TOTAL OF 39 CENTRALIZERS
06:00	09:00	3.0	INTERMEDIATE CASING	COND MUD & CIRC		11645	11645	RIGGED UP CEMENT HEAD, ATTEMPTED TO INDUCE WELL BY PUMPING DOWN BACKSIDE, PRESSURED UP TO 1500PSI TWICE, BEGAN FORWARD CIRCULATING CASING WITH NO RETURNS, 4BPM 975PSI, INCREASED RATE TO 6BPM 1120PSI, HELD SAFETY MEETING WITH RIG CREWS AND CEMENTERS, PUMPED 545BBLs (CASING CAPACITY + 15BBLs), ATTEMPTED TO PUMP DOWN BACKSIDE PRESSURED UP TO 1500 PSI VERY SLOW BLEED OFF, BLEED OFF WELL AND RIGGED TO CEMENT 1ST STAGE





# DAILY DRILLING REPORT

RPT DATE: 4/10/2022

RPT NUM.: 11

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H	JOB:	RIG SUPERV: ELWYN EVANS / SHAWN GREEN
FIELD: PHANTON (WOLFCAMP)	LEASE: UL YELLOWTAIL WEST 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: 4.8	DOL: 21
MD/TVD: 9040 FT/8980 FT	24 HR FTG: 2930	HRS DRLG: 15
PRESENT OPERATIONS: DRILL 8.75" INTERMEDIATE		
ACTIVITY PLANNED: DRILLING 8.75" INTERMEDIATE SECTION		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/10/2022	4/11/2022	None	DRILLING / MAKING CONNECTIONS / SETTING UP PIPE RACKS

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

SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS

RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 HRS

00:00-06:00 ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,039 - T/ 9,306' (267' @ 45 FPH) WOB: 40K, GPM: 650, PPSI: 3600, DIFF:300-700, RPM: 40, TORQUE ON: 12,000-12,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 9,190' MD - 85% LS, 15% CHRT, BACKGROUND GAS: 92 UNITS, CONNECTION GAS: 117 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES

GAS/DIESEL USAGE: 45% CNG/65% DIESEL

LAST B.O.P TEST: 4-2-2022

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (0 HRS TOTAL)

NON-PRODUCTIVE TIME, 0 HRS (7 HRS TOTAL)

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$43,883	CUM DRILL COST:	\$909,243	CUM MUD COST:	\$38,708	CUM WELL COST:	\$909,243
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## BOP

LAST BOP TEST:	4/9/22	LAST BOP DRILL:	4/10/22	NEXT BOP TEST:	4/30/22
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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	9.3	1.0	99.0	11.0	0	1	1	1						0.30	0.50	6,800			

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
2	8.75	REED	TKC76	A283107	6x12, 4x11	1.034	N	5,225	9,040	3,815	30.5	40	115	125.1
1	12.25	NOV	TKC56	A282230	8x13	1.037	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	2100	250	0.00176	95	10.0	195	300		1600
2	WEATHERFORD	EQ-2200	5.000	12.000	85	2100	250	0.00176	95	10.0	195	300		1600

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8.75" NOV TKC76 1.03 (6x12, 4x1	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 INCH 8.25 Stab, 6/7 6.5 @ 1.83	7		32.33	8	Drill Collar-9 joints of 6 1/2 Drill Collars (	6.5	3.25	274.571
3	Stabilizer-3 Blade Stabilizer 8 1/4 ( Bored	6.75	2.75	6.02	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF ( Set Screw	6.688	3.5	3.63	10	Drill Pipe-12 joints 5 HWD ( 4 Stnds)	5	3	360.971
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: BHA #2

LENGTH: 748.74

ROT. WT.: 220

BHA WT. AIR: 230

P.U. WT.: 255

BHA WT. MUD: 220

S.O. WT.: 175

HRS. ON JARS:

TORQUE: 13

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
8,371	5.67	30.78	8,211	766.1	1,191.8		401.3	1.0
8,434	5.67	30.78	8,273	771.5	1,195.0		405.6	
8,465	5.67	30.78	8,304	772.9	1,195.7		406.7	2.4
8,560	1.36	352.57	8,399	776.7	1,196.6		410.1	2.6
8,653	1.11	330.01	8,492	778.6	1,196.0		412.1	0.6
8,748	0.77	331.23	8,587	780.0	1,195.3		413.6	0.4
8,842	0.42	343.53	8,681	780.8	1,194.9		414.6	0.4
8,937	0.28	336.08	8,776	781.4	1,194.7		415.1	0.2

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		814	10,282
CNG		1,401	-3,327
Flare Gas			

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	JD, 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	264	
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	1,716	
AES DRILLING FLUIDS	MUD ENGINEER	1	24	264	
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	96	
STAGE 3	2 SOLID CONTROL HANDS			120	
IMPAC	2 MUD LOGGERS	2	12	96	
<div> <div>www.wellez.com</div> <div>WellEz On Demand</div> <div>ver_02.15.2022 TW</div> </div>					

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	04:00	4.0	INTERMEDIATE DRILLING - V	DRILLING		6108	7118	00:00 -04:00 ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 6,108' - T/ 7,118' (1,010' @ 252 FPH) WOB: 38-45K, GPM: 650, PPSI: 3300, DIFF:700-1000, RPM: 75, TORQUE ON: 11,000-17,000 FT/LBS, OFF: 8,000-9,000 FT/LBS, MW IN: 9.4 / OUT: 9.4 PPG, LITHOLOGY: 6,490' MD - 80% SS, 20% DOL, BACKGROUND GAS: 73 UNITS, CONNECTION GAS: 140 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES  SLIDE F/ 6,661' T/ 6,681' TF 45R
04:00	04:30	0.5	INTERMEDIATE DRILLING - V	LUBRICATE RIG		7118	7118	RIG SERVICE
04:30	15:00	10.5	INTERMEDIATE DRILLING - V	DRILLING		7118	8432	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 7,118' - T/ 8,432' (1314' @ 125 FPH) WOB: 40K, GPM: 650, PPSI: 3600, DIFF:300-700, RPM: 40, TORQUE ON: 14,600-17,800 FT/LBS, OFF: 11,500-13,500 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 8,200' MD - 30% SS, 40% LS, 15% SLTST, 15%SH, BACKGROUND GAS: 40 UNITS, CONNECTION GAS: 165 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES  SLIDE F/ 7,235' T/ 7,252' TF 45R SLIDE F/ 7,411' T/ 7,431' TF 40L SLIDE F/ 7,690' T/ 7,717' TF HS SLIDE F/ 7,785' T/ 7,888' TF 30L SLIDE F/ 8,067' T/ 8,082' TF 60L
15:00	15:30	0.5	INTERMEDIATE DRILLING - V	DRILLING		8432	8432	RIG SERVICE
15:30	00:00	8.5	INTERMEDIATE DRILLING - V			8432	9039	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 8,432' - T/ 9,039' (607' @ 71.4 FPH) WOB: 40K, GPM: 500, PPSI: 2300, DIFF:300-700, RPM: 20-30, TORQUE ON: 12,300-14,500 FT/LBS, OFF: 11,500-12,500 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 8,920' MD - 8,6 70% SH, 30%LS, BACKGROUND GAS: 86 UNITS, CONNECTION GAS: 108 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES  **REDUCE PARAMETERS @ 8,705' 150' SHY OF THE LOWER BRUSHY CHERT EXPOSURE. GPM 500 -RPM 20-30, WOB 40-45. ROP 150.  SLIDE F/ 8,538" T/ 8,562' TF 180







# DAILY DRILLING REPORT

RPT DATE: 4/11/2022

RPT NUM.: 12

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H	JOB:	RIG SUPERV: ELWYN EVANS / SHAWN GREEN
FIELD: PHANTON (WOLFCAMP)	LEASE: UL YELLOWTAIL WEST 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: 5.8	DOL: 22
MD/TVD: 9799 FT/9783 FT	24 HR FTG: 759	HRS DRLG: 11.5
PRESENT OPERATIONS: TRIP OUT OF HOLE		
ACTIVITY PLANNED: TRIP OUT OF HOLE , CHANGE BHA , TIH, DRILL INTERMEDIATE		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/11/2022	4/12/2022		DRILLING / MAKING CONNECTIONS / TRIPPING

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  
SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS  
RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 HRS

00:00-04:30 ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,799 - T/ 10,179' (380' @84.4 FPH) WOB: 45K, GPM: 500, PPSI: 2400, DIFF:300-800, RPM: 20-30, TORQUE ON: 12,000-18,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,090' MD ~ 40% LS 40% SH, 10% CHRT, BACKGROUND GAS: 0 UNITS, CONNECTION GAS: 7 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES

04:30-05:30 CIRCULATE BOTTOMS UP, FLOW CHECK , AND PUMP SLUG.

05:30 – 06:00 TRIP OUT OF HOLE FOR BIT.

GAS/DIESEL USAGE: 45% CNG/65% DIESEL  
LAST B.O.P TEST: 4-2-2022  
NO ACCIDENTS, INCIDENTS, OR SPILLS  
DOWNTIME 0 HRS (0 HRS TOTAL)  
NON-PRODUCTIVE TIME, 0 HRS (7 HRS TOTAL)

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$105,413	CUM DRILL COST:	\$1,038,010	CUM MUD COST:	\$39,671	CUM WELL COST:	\$1,038,010
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## BOP

LAST BOP TEST:	4/9/22	LAST BOP DRILL:	4/10/22	NEXT BOP TEST:	4/30/22
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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
18:45	9.3	28.0		10.0	99/0	1	1	1			0.10	0.30	7,600		1.00	

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
3	8.75	SMITH	XZ616	JV8028	6x15	1.030	N	9,302	9,799	497	5.5	45	115	90.4
2	8.75	REED	TKC76	A283107	6x12, 4x11	1.034	N	5,225	9,302	4,077	35.5	40	115	114.8

BIT NO. 2 INNER: 1 OUTER: 1 DULL: CT LOC: 5 SEAL: GAUGE: 0 OTHER: NO RP: PR

## 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	2110	250	0.00176	95	10.0	195	300		1600
2	WEATHERFORD	EQ-2200	5.000	12.000	85	2110	250	0.00176	95	10.0	195	300		1600

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8.75" SMITH WITH (6X15'S) TFA	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-7 INCH 8.25 Stab, 6/7 6.5 @ 1.83	7		32.92	8	Drill Collar-9 joints of 6 1/2 Drill Collars (	6.5	3.25	274.57
3	Stabilizer-3 Blade Stabilizer 8 1/4 ( Bored	6.75	2.75	6.02	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	MWD Tool-SHOCKMISER HF ( Set Screw	6.688	3.5	3.63	10	Drill Pipe-12 joints 5 HWDP ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: BHA #3  
LENGTH: 749.33  
ROT. WT.: 207  
BHA WT. AIR: 210  
P.U. WT.: 265  
BHA WT. MUD: 200  
S.O. WT.: 165  
HRS. ON JARS:  
TORQUE: 16

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
9,126	0.50	20.43	8,965		782.6	1,194.5	416.4	0.4
9,219	0.59	5.30	9,058		783.5	1,194.7	417.2	0.2
9,312	0.37	17.27	9,151		784.3	1,194.8	417.9	0.3
9,405	0.80	349.36	9,244		785.2	1,194.8	418.8	0.5
9,500	0.50	311.20	9,339		786.1	1,194.4	419.8	0.5
9,563	0.50	311.20	9,402		786.5	1,194.0	420.2	
9,594	0.44	208.41	9,433		786.5	1,193.8	420.3	2.4
9,657	0.44	208.41	9,496		786.0	1,193.6	419.9	

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel	7,203	1,282	16,203
CNG	663		-2,664
Flare Gas			

## NOTIFICATIONS

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



FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	06:00	6.0	INTERMEDIATE DRILLING - V	DRILLING		9039	9302	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,039 - T/ 9,302' (263' @ 44 FPH) WOB: 40K, GPM: 650, PPSI: 3600, DIFF:300-700, RPM: 40, TORQUE ON: 12,000-12,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 9,190' MD - 85% LS, 15% CHRT, BACKGROUND GAS: 92 UNITS, CONNECTION GAS: 117 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES
06:00	08:30	2.5	INTERMEDIATE DRILLING - V	TRIPS		9302	9302	STRIP OUT OF HOLE FOR LOW R.O.P F/ 9,302' - T/5,129' FORCE FILLING AT CALCULATED DISPLACEMENT WITH KILL MUD, FLOW CHECK AT SHOE, WELL FLOWING, SWAP TO 15.0 PPG KILL MUD @ 5,129' PUMP 45 BBLs, WELL ON VACUUM, TOTAL FOOTAGE PULLED:4,179' @ 1,670 FPH AVG.
08:30	11:00	2.5	INTERMEDIATE DRILLING - V	TRIPS		9302	9302	STRIP OUT OF HOLE FOR LOW R.O.P F/ 5,129' - T/845' FILLING AT CALCULATED DISPLACEMENT WITH 9.4 PPG BRINE, OPEN WELL, FLOW CHECK WELL (WELL STATIC). TOTAL FOOTAGE PULLED:5,023' @ 2,010' FPH AVG.
11:00	12:00	1.0	INTERMEDIATE DRILLING - V	DIR WORK		9302	9302	L/D DIRECTIONAL TOOLS FOR BHA #2 AS FOLLOWS: BIT #2- 8 -3/4" REED TKC76 W/ 6 X 12'S, 4-11'S, TFA 1.08 SN# A283107, 7" MOTOR 6/7, 6.5 STG, ADJ SET AT 1.83" 0.230 REV/GAL MAX TRQ 16,690 MAX DIFF 1,530. BIT TO BEND: 4.01', KICK PAD OD: 8.25", 8-1/4" STAB,6.6" UBHO, 2 - 6.75" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP BIT GRADE 1-1
12:00	12:30	0.5	INTERMEDIATE DRILLING - V	DIR WORK		9302	9302	PICK UP DIRECTIONAL TOOLS FOR BHA #3 AS FOLLOWS: BIT #3- 8 -3/4" SMITH XZ616 W/ 6 X 15'S, TFA 1.03 SN# JV8028, 7" MOTOR 6/7, 6.5 STG, ADJ SET AT 1.83" 0.230 REV/GAL MAX TRQ 16,690 MAX DIFF 1,530. BIT TO BEND: 4.99', KICK PAD OD: 8.25", 8-1/4" STAB,6.6" UBHO, 2 - 6.75" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP
12:30	18:30	6.0	INTERMEDIATE DRILLING - V	TRIPS		9302	9302	TRIP IN HOLE T/9,189' FILL PIPE AND PUMP 1,037 STROKES (119BBLs) WHILE WASHING LAST STAND TO BOTTOM, NO RETURNS. INDUCE WELL, PUMP 1,966 STROKES 9.3 PPG ACTIVE SYSTEM BRINE. (226BBLs) CATCH PRESSURE CALCULATED HEIGHT OF FLUID 4,020' ,PUMP 60BBLs INTO FORMATION 500 GPM WASH TO BOTTOM.

18:30	00:00	5.5	INTERMEDIATE DRILLING - VDRILLING		9302	9799	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,302 - T/ 9,799' (497' @ 90.3 FPH) WOB: 40K, GPM: 500, PPSI: 2400, DIFF:300-800, RPM: 30, TORQUE ON: 12,000-18,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 9,640' MD - 75% LS, 25% CHRT, BACKGROUND GAS: 92 UNITS, CONNECTION GAS: 142 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES
TOTAL HRS	24.0						

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# DAILY DRILLING REPORT

RPT DATE: 4/12/2022

RPT NUM.: 13

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / SHAWN GREEN
FIELD: PHANTON (WOLFCAMP)	LEASE: UL YELLOWTAIL WEST 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: 6.8	DOL: 23
MD/TVD: 10770 FT/10615 FT	24 HR FTG: 971	HRS DRLG: 12
PRESENT OPERATIONS: DRILL INTERMEDIATE		
ACTIVITY PLANNED: DRILL INTERMEDIATE, TOO, RUN INTERMEDIATE CASING		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/12/2022	4/13/2022		DRILLING / MAKING CONNECTIONS / TRIPPING

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  
SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS  
RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 HRS

00:00 - 06:60- ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 10,770 - T/ 11,020' (250' @ 41.6 FPH) WOB: 40K, GPM: 500, PPSI: 2500, DIFF:300-800, RPM: 20-30, TORQUE ON: 14,000-19,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,630' MD - 50% LS, 50%SH, BACKGROUND GAS: 0 UNITS, CONNECTION GAS: 0 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES

COST DATA	
DRILLING AFE AMT:	DAILY DRILL COST: \$78,027 CUM DRILL COST: \$1,116,036 CUM MUD COST: \$55,470 CUM WELL COST: \$1,116,036

BOP	
LAST BOP TEST:	4/9/22 LAST BOP DRILL: 4/10/22 NEXT BOP TEST: 4/30/22

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
15:00	10,183.0	28.0			11.0	99/0	1	1	1	1	1			0.20	0.40	8,000			

DRILL BITS															
NO.	SIZE	MANUFACTURER		TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TKC76		A283627	6x12, 4x10	0.970	N	10,179	10,770	591	7.5	40	115	78.8
3	8.75	SMITH	XZ616		JV8028	6x15	1.030	N	9,302	9,799	497	10.0	40	115	49.7
BIT NO. 3		INNER: 1	OUTER: 6		DULL: CT		LOC: I		SEAL:		GAUGE: 0		OTHER: NO		RP: PR

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	2500	250	0.00176	95	10.0	195	300		1600
2	WEATHERFORD	EQ-2200	5.000	12.000	85	2500	250	0.00176	95	10.0	195	300		1600

BHA									
#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8.75"REED W 6X 12'S AND 4 X 10'	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-6 1/2 INCH 8.50 Stab, 7/8 3.0 @ 1	6.5		27.08	8	Drill Pipe-9 joints of 6 1/2 Drill Collars ( 3	6.5	3.25	274.57
3	Stabilizer-3 Blade Stabilizer 8 1/4 ( Bored	6.75	2.75	6.02	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	Sub-SHOCKMISER HF ( Set Screw 1.95)	6.688	3.5	3.63	10	Drill Collar-12 joints 5 HWDP ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: BHA #4  
LENGTH: 743.49  
ROT. WT.: 210  
BHA WT. AIR: 220  
P.U. WT.: 265  
BHA WT. MUD: 210  
S.O. WT.: 170  
HRS. ON JARS: TORQUE: 19

SURVEY DATA								
MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
10,212	2.08	135.58	10,051	769.4	1,200.7		402.0	
10,248	1.84	122.97	10,087	768.6	1,201.6		401.0	1.4
10,342	2.26	129.59	10,181	766.6	1,204.3		398.3	0.5
10,434	1.84	137.89	10,273	764.4	1,206.7		395.5	0.6
10,529	1.39	140.58	10,368	762.4	1,208.5		393.0	0.5
10,622	1.52	199.51	10,461	760.3	1,208.8		391.0	1.5
10,717	2.08	285.36	10,556	759.6	1,206.7		390.9	2.6
10,775	2.08	285.36	10,613	760.2	1,204.7		392.0	

CONSUMABLES			
CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		1,410	14,793
CNG		666	-3,330
Flare Gas			

NOTIFICATIONS						
Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	JD, 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	312
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)		13	156	2,028
AES DRILLING FLUIDS	MUD ENGINEER		1	24	312
ALTITUDE	2DD'S, 2 MWD HANDS		2	12	120
STAGE 3	2 SOLID CONTROL HANDS				120

IMPAC	2 MUD LOGGERS	2	12	120	
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FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	04:30	4.5	INTERMEDIATE DRILLING - V	DRILLING		9799	10179	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 9,799 - T/ 10,179' (380' @84.4 FPH) WOB: 45K, GPM: 500, PPSI: 2400, DIFF:300-800, RPM: 20-30, TORQUE ON: 12,000-18,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,090' MD – 40% LS 40% SH, 10% CHRT, BACKGROUND GAS: 0 UNITS, CONNECTION GAS: 7 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES
04:30	05:30	1.0	INTERMEDIATE DRILLING - V	COND MUD & CIRC		10179	10179	CIRCULATE BOTTOMS UP, FLOW CHECK , AND PUMP SLUG.
05:30	07:30	2.0	INTERMEDIATE DRILLING - V	TRIPS		10179	10179	STRIP OUT OF HOLE FOR LOW R.O.P F/ 10;179' - T/5,129' FORCE FILLING AT CALCULATED DISPLACEMENT WITH KILL MUD, FLOW CHECK AT SHOE, WELL FLOWING, SWAP TO 15.0 PPG KILL MUD @ 5,129' PUMP 20 BBLs, WELL STATIC, TOTAL FOOTAGE PULLED 5,049' @ 2,524' FPH AVG.
07:30	10:00	2.5	INTERMEDIATE DRILLING - V	TRIPS		10179	10179	STRIP OUT OF HOLE FOR LOW R.O.P F/ 5,129' - T/845' FILLING AT CALCULATED DISPLACEMENT WITH 9.4 PPG BRINE, OPEN WELL, FLOW CHECK ,WELL STATIC). TOTAL FOOTAGE PULLED:5,023' @ 2,010' FPH AVG.
10:00	11:00	1.0	INTERMEDIATE DRILLING - V	DIR WORK		10179	10179	L/D DIRECTIONAL TOOLS FOR BHA #3 AS FOLLOWS: BIT #3- 8 -3/4" SMITH XZ616 W/ 6 X 15'S, TFA 1.03 SN# JV8028, 7" MOTOR 6/7, 6.5 STG, ADJ SET AT 1.83" 0.230 REV/GAL MAX TRQ 16,690 MAX DIFF 1,530. BIT TO BEND: 4.99', KICK PAD OD: 8.25", 8-1/4" STAB,6.6" UBHO, 2 - 6.75" NMDC, X/O, 9-6.5" DC, X/O, 12-5"HWDP BIT GRADE 1-6
11:00	11:30	0.5	INTERMEDIATE DRILLING - V	DIR WORK		10179	10179	PICK UP DIRECTIONAL TOOLS FOR BHA #4 AS FOLLOWS: BIT #4- 8 -3/4" REED TKC76 W/ 6 X 12'S,4 X 10S TFA .97 SN#, A2836277" MOTOR 7/8, 3.0 STG, ADJ SET AT 1.83" 0.16 REV/GAL MAX TRQ 11,110 MAX DIFF 710. BIT TO BEND: 4.75', KICK PAD OD: 8.25", 8-1/4" STAB,6.6" UBHO, 2 - 6.75" NMDC, X/O, 9-6.5" DC, X/O, 12-5" HWDP
11:30	16:30	5.0	INTERMEDIATE DRILLING - V	TRIPS		10179	10179	TRIP IN HOLE T/10.179' KEEPING BACKSIDE FULL, FILL PIPE AND PUMP SWEEP (40BBLs) WHILE WASHING LAST WITH 9.3 PPG ACTIVE SYSTEM BRINE. CATCH PRESSURE WITH 500 GPM, WASH TO BOTTOM..
16:30	00:00	7.5	INTERMEDIATE DRILLING - V	DRILLING		10179	10770	ROTATE DRILL 8 3/4" INTERMEDIATE HOLE F/ 10,179 - T/ 10,770' (591' @ 78.8 FPH) WOB: 40K, GPM: 500, PPSI: 2500, DIFF:300-800, RPM: 20-30, TORQUE ON: 14,000-19,500 FT/LBS, OFF: 11,400-12,100 FT/LBS, MW IN: 9.3 / OUT: 9.3 PPG, LITHOLOGY: 10,630' MD - 50% LS, 50%SH, BACKGROUND GAS: 0 UNITS, CONNECTION GAS: 0 UNITS, DRILLING OPEN LOOP, PERIODICALLY SWAP CLOSED LOOP TO CHECK FOR GAINS / LOSSES







# DAILY DRILLING REPORT

RPT DATE: 4/13/2022

RPT NUM.: 14

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H

FIELD: PHANTON (WOLFCAMP)

AFE #: 22DC054

CONTRACTOR: Unit

SPUD DATE: 3/25/2022

MD/TVD: 11569 FT/11347 FT

PRESENT OPERATIONS: L/D DIRECTIONAL TOOLS

ACTIVITY PLANNED: RUN INTERMEDIATE CASING AND CEMENT

JOB:

LEASE: UL YELLOWTAIL WEST H 21-29-17 WB

API #: 4249534698

ELEVATION: 2763

DFS: 7.8

24 HR FTG: 799

RIG SUPERV: CHRIS BLODGETT / SHAWN GREEN

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB: 21.5

DOL: 24

HRS DRLG: 14.5

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/13/2022	4/14/2022		DRILLING / MAKING CONNECTIONS / TRIPPING

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

SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS

RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 HRS

00:00-06:00 R/U CASING CREW AND TORQUE TURN. MAKE UP CASING SHOE, P/U JT.#2 AND WHILE APPLYING TORQUE, THE CASING TONGS CRUSHED THE JOINT OF CASING @ ( 16,100 ) FT. LBS. LAY OUT THE DAMAGED CASING JOINT AND REMOVE CASING SHOE. PICK UP ANOTHER JT OF CASING AND THE RESULT WAS THE SAME. IT CRUSHED THE CASING AT 16,900 FT. LBS.

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$54,867	CUM DRILL COST:	\$1,171,787	CUM MUD COST:	\$58,978	CUM WELL COST:	\$1,171,787
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## BOP

LAST BOP TEST:	4/9/22	LAST BOP DRILL:	4/10/22	NEXT BOP TEST:	4/30/22
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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
17:20	9.4	28.0	1.0	10.0	99/0	1	1	1	1		0.10	0.30	8,000			

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TKC76	A283627	6x12, 4x10	0.970	N	10,179	11,569	1,390	22.0	40	115	63.2
3	8.75	SMITH	XZ616	JV8028	6x15	1.030	N	9,302	9,799	497	10.0	40	115	49.7

BIT NO. 3 INNER: 1 OUTER: 6 DULL: CT LOC: I SEAL: GAUGE: 0 OTHER: NO RP: PR

## 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	2550	250	0.00176	95	10.0	195	300		1600
2	WEATHERFORD	EQ-2200	5.000	12.000	85	2550	250	0.00176	95	10.0	195	300		1600

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8.75"REED W 6X 12'S AND 4 X 10'	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-6 1/2 INCH 8.50 Stab, 7/8 3.0 @ 1	6.5		27.08	8	Drill Pipe-9 joints of 6 1/2 Drill Collars ( 3	6.5	3.25	274.57
3	Stabilizer-3 Blade Stabilizer 8 1/4 ( Bored	6.75	2.75	6.02	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	Sub-SHOCKMISER HF ( Set Screw 1.95)	6.688	3.5	3.63	10	Drill Collar-12 joints 5 HWD ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: BHA #4

LENGTH: 743.49

ROT. WT.: 220

BHA WT. AIR: 220

P.U. WT.: 285

BHA WT. MUD: 215

S.O. WT.: 175

HRS. ON JARS:

TORQUE: 20

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
10,905	5.66	292.67	10,743		765.0	1,194.1	399.6	1.3
11,000	4.41	285.41	10,838		767.8	1,186.2	404.4	1.5
11,093	3.97	282.50	10,930		769.4	1,179.6	407.9	0.5
11,187	4.32	264.63	11,024		769.8	1,172.9	410.1	1.4
11,280	4.89	263.00	11,117		769.0	1,165.5	411.4	0.6
11,374	4.81	248.72	11,210		767.0	1,157.9	411.7	1.3
11,468	4.32	244.95	11,304		764.1	1,151.0	410.8	0.6
11,511	4.15	242.01	11,347		762.7	1,148.1	410.3	0.6

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		1,350	13,430
CNG		930	-4,259
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
4/13/2022	15:00	INTERMEDIATE CASING AND CEMENT	OWENS/BLODGETT	TRRC	LARISA	INTERMEDIATE CASING AND CEMENT JOB # 294303

## PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	336
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	2,184
AES DRILLING FLUIDS	MUD ENGINEER	1	24	336
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	132
STAGE 3	2 SOLID CONTROL HANDS			120
IMPAC	2 MUD LOGGERS	2	12	132

4 STAR	4 CASING HANDS	4	5	5	
OSP	1 TOOL HAND	1	5	5	
www.wellez.comWellEz On Demandver_02.15.2022 TW					

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# DAILY DRILLING REPORT

RPT DATE: 4/14/2022

RPT NUM.: 15

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H	JOB:	RIG SUPERV: CHRIS BLODGETT / SHAWN GREEN
FIELD: PHANTON (WOLFCAMP)	LEASE: UL YELLOWTAIL WEST 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: 8.8	DOL: 25
MD/TVD: 11569 FT/11347 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: RUN 7 5/8" INTERMEDIATE CASING		
ACTIVITY PLANNED: RUN 7 5/8" INTERMEDIATE CASING AND CEMET. N/D WALK RIG.		

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/14/2022	4/15/2022		RUNNING CASING , CEMENT
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			
SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS			
RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 H			
00:00-01:00 CONTINUE RUNNING HCL-80 BTC CASING F/10,800' TO A SHOE DEPTH TO BE SET AT 11,528', FLOAT COLLAR TO BE SET AT 11,439'. FILLING PIPE ON THE FLY.			
01:00-01:30P/U & M/U LANDING JOINT WITH FLUTED CACTUS LANDING MANDREL W/ TORQUE RING, MAKE UP LANDING JOINT WITH CACTUS HAND. FILL PIPE, INSTALL PRE-INSTALLED CASING STRIPPING RUBBER & LAND OUT CASING WITH 230K ST WT. VERIFIED AND RECIPROCATED x2			
01:30-06:00 RIGGED UP CEMENT HEAD, INDUCE WELL BY PUMPING DOWN BACKSIDE 40BLS. BEGAN FORWARD CIRCULATION WITH RETURNS. PUMPING CALIPER SWEEP.			

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$58,642	CUM DRILL COST:	\$1,230,429	CUM MUD COST:	\$62,485	CUM WELL COST:	\$1,230,429
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## BOP

LAST BOP TEST:	4/9/22	LAST BOP DRILL:	4/10/22	NEXT BOP TEST:	4/30/22
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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	1.0	10.0	99/0	1	1	1	1		0.10	0.40	8,400			

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TKC76	A283627	6x12, 4x10	0.970	N	10,179	11,569	1,390	22.0	40	115	63.2
3	8.75	SMITH	XZ616	JV8028	6x15	1.030	N	9,302	9,799	497	10.0	40	115	49.7

BIT NO. 4	INNER: 6	OUTER: 2	DULL: CT	LOC: I	SEAL:	GAUGE: 0	OTHER: BT	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	2500	250	0.00176	95	10.0	195	300		1600
2	WEATHERFORD	EQ-2200	5.000	12.000	85	2500	250	0.00176	95	10.0	195	300		1600

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8.75"REED W 6X 12'S AND 4 X 10'	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-6 1/2 INCH 8.50 Stab, 7/8 3.0 @ 1	6.5		27.08	8	Drill Pipe-9 joints of 6 1/2 Drill Collars ( 3	6.5	3.25	274.57
3	Stabilizer-3 Blade Stabilizer 8 1/4 ( Bored	6.75	2.75	6.02	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	Sub-SHOCKMISER HF ( Set Screw 1.95)	6.688	3.5	3.63	10	Drill Collar-12 joints 5 HWD ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: BHA #4

LENGTH: 743.49

ROT. WT.: 210

BHA WT. AIR: 220

P.U. WT.: 265

BHA WT. MUD: 210

S.O. WT.: 160

HRS. ON JARS:

TORQUE: 16

## SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
10,905	5.66	292.67	10,743	765.0	1,194.1		399.6	1.3
11,000	4.41	285.41	10,838	767.8	1,186.2		404.4	1.5
11,093	3.97	282.50	10,930	769.4	1,179.6		407.9	0.5
11,187	4.32	264.63	11,024	769.8	1,172.9		410.1	1.4
11,280	4.89	263.00	11,117	769.0	1,165.5		411.4	0.6
11,374	4.81	248.72	11,210	767.0	1,157.9		411.7	1.3
11,468	4.32	244.95	11,304	764.1	1,151.0		410.8	0.6
11,511	4.15	242.01	11,347	762.7	1,148.1		410.3	0.6

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel		662	12,768
CNG		130	-4,390
Flare Gas			

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	JD, CASING AND CEMENT	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT
4/13/2022	15:00	INTERMEDIATE CASING AND CEMENT	OWENS/BLODGETT	TRRC	LARISA	INTERMEDIATE CASING AND CEMENT JOB # 294303

## PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	360
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	2,340

AES DRILLING FLUIDS	MUD ENGINEER	1	24	360	
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	144	
STAGE 3	2 SOLID CONTROL HANDS			120	
IMPAC	2 MUD LOGGERS	2	12	144	
4 STAR	4 CASING HANDS	4	5	10	
OSP	1 TOOL HAND	1	5	10	
www.wellez.com WellEz On Demand ver_02.15.2022 TW					

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TOTAL HRS	24.0							
www.wellez.com WellEz On Demand ver_02.15.2022 TW								





# DAILY DRILLING REPORT

RPT DATE: 4/15/2022

RPT NUM.: 16

RIG: 407

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H

FIELD: PHANTON (WOLFCAMP)

AFE #: 22DC054

CONTRACTOR: Unit

SPUD DATE: 3/25/2022

MD/TVD: 0 FT/0 FT

PRESENT OPERATIONS: RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS

ACTIVITY PLANNED: RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS

JOB:

LEASE: UL YELLOWTAIL WEST H 21-29-17 WB

API #: 4249534698

ELEVATION: 2763

DFS: 9.5

24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / SHAWN GREEN

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB: 21.5

DOL: 26

HRS DRLG:

## COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
4/14/2022	4/15/2022		RUNNING CASING , CEMENT

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

SPUD UL YELLOWTAIL G 21-29-17 WB 5H ON 3/30/2022 @ 20:30 HRS

RIG RELEASED OFF UL YELLOWTAIL E 21-29-17 WA 5H 4/08/2022 @ 20:00 H

RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS

## COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$646,477	CUM DRILL COST:	\$2,314,020	CUM MUD COST:	\$63,623	CUM WELL COST:	\$2,314,020
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## BOP

LAST BOP TEST:	4/9/22	LAST BOP DRILL:	4/10/22	NEXT BOP TEST:	4/30/22
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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	
Intermediate	7.63	40	HCL-80		

## MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
18:00	9.2	27.0	1.0	10.0	99/0	1 1 1	1	1			0.10	0.40	6,800			

## DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
4	8.75	REED	TKC76	A283627	6x12, 4x10	0.970	N	10,179	11,569	1,390	22.0	40	115	63.2
3	8.75	SMITH	XZ616	JV8028	6x15	1.030	N	9,302	9,799	497	10.0	40	115	49.7
BIT NO. 4		INNER: 6	OUTER: 2	DULL: CT	LOC: I	SEAL:	GAUGE: 0	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	85	2550	250	0.00176	95	10.0	195	300		1600
2	WEATHERFORD	EQ-2200	5.000	12.000	85	2550	250	0.00176	95	10.0	195	300		1600

## BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-8.75"REED W 6X 12'S AND 4 X 10"	8.75		1	7	X-Over-X-O 4.5 XH Box 4.5 IF Pin	6.562	3.25	3.4
2	Motor-6 1/2 INCH 8.50 Stab, 7/8 3.0 @ 1	6.5		27.08	8	Drill Pipe-9 joints of 6 1/2 Drill Collars ( 3	6.5	3.25	274.57
3	Stabilizer-3 Blade Stabilizer 8 1/4 ( Bored	6.75	2.75	6.02	9	X-Over-X-O 4.5 XH Pin x 4.5 IF Box	6.5	3.25	3.5
4	Sub-SHOCKMISER HF ( Set Screw 1.95)	6.688	3.5	3.63	10	Drill Collar-12 joints 5 HWDP ( 4 Stnds)	5	3	360.97
5	Monel Collar-NMDC	6.75	3.25	29.79	11	X-Over-X-O 4.5 IF Pin x CET43	5.375	3	3.42
6	Monel Collar-NMDC	6.75	3.25	30.11					

DESCRIPTION: BHA #4

LENGTH: 743.49

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
10,905	5.66	292.67	10,743	765.0	1,194.1		399.6	1.3
11,000	4.41	285.41	10,838	767.8	1,186.2		404.4	1.5
11,093	3.97	282.50	10,930	769.4	1,179.6		407.9	0.5
11,187	4.32	264.63	11,024	769.8	1,172.9		410.1	1.4
11,280	4.89	263.00	11,117	769.0	1,165.5		411.4	0.6
11,374	4.81	248.72	11,210	767.0	1,157.9		411.7	1.3
11,468	4.32	244.95	11,304	764.1	1,151.0		410.8	0.6
11,511	4.15	242.01	11,347	762.7	1,148.1		410.3	0.6

## CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel			12,768
CNG			-4,390
Flare Gas			

## NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/23/2022	18:00	JD, CASING AND CEMENT	OWENS/BLODGETT	TRRC	SANDIE OP. #5	SPUD NOTICE, SURFACE CASING AND CEMENT
4/13/2022	15:00	INTERMEDIATE CASING AND CEMENT	OWENS/BLODGETT	TRRC	LARISA	INTERMEDIATE CASING AND CEMENT JOB # 294303

## PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION PETROLEUM	DSM (12 HRS/MAN)	2	24	384
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	2,496
AES DRILLING FLUIDS	MUD ENGINEER	1	24	384
ALTITUDE	2DD'S, 2 MWD HANDS	2	12	156
STAGE 3	2 SOLID CONTROL HANDS			120
IMPAC	2 MUD LOGGERS	2	12	156
4 STAR	4 CASING HANDS	4	5	15
OSP	1 TOOL HAND	1	5	15





# DAILY DRILLING REPORT

RPT DATE:  
RPT NUM.:  
RIG:

## WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST H 21-29-17 WB 8H  
FIELD: PHANTON (WOLFCAMP)  
AFE #: 22DC054  
CONTRACTOR: Unit  
SPUD DATE: 3/25/2022  
MD/TVD: 0 FT/0 FT  
PRESENT OPERATIONS: RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS  
ACTIVITY PLANNED: RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS

JOB:  
LEASE: UL YELLOWTAIL WEST H 21-29-17 WB  
API #: 4249534698  
ELEVATION: 2763  
DFS: 9.5  
24 HR FTG:

RIG SUPERV: CHRIS BLODGETT / SHAWN GREEN  
RIG PHONE: 432-355-3112  
EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO  
RKB: 21.5  
DOL: 26  
HRS DRLG:

## COST BREAKDOWN

Code	Description	Daily Cost	Vendor	Remarks
2250-40		\$ 15,469	UNIT DRILLING	DAY RATE \$22500/MOB: \$19125 OBM + 375
2250-65	CNG DAILY USAGE	\$ 246	CERTARUS USA LTD	130.34 .041DGE @ \$1.89
2250-65	CNG TRAILER DAILY RENTAL	\$ 541	CERTARUS USA LTD	541.23 CNG TRAILER DAILY RENTAL
2250-67	WATER HANDLING	\$ 160		DAILY RENTAL ON PUMP AND POLY
2250-70	CORVA	\$ 258	CORVA	CORVA DAILY COST
2250-70	HOUSING	\$ 515	CIVEO	CAMP HOUSING X5, TRANSFORMER
2250-70	INTERNET, PHONES, COMS	\$ 140	INFRASTRUCTURE NETWORKS	INTERNET, PHONES, COMS
2250-70	PASON	\$ 60	PASON	OFFICE PASON
2250-70	PICK UP GENS	\$ 598	CIVEO	DROP OFF GENS
2250-70	SKYPORT SUPERINTENDENT RENTAL	\$ 13	SKYPORT INC.	SKYPORT SUPERINTENDENT RENTAL
2250-70	SUPERINTENDENT CAMP	\$ 19	WOLFPACK RENTALS	SUPERINTENDENT CAMP
2250-70	WATER FLEET DAILY RENTAL	\$ 672	WATERFLEET	WATER FLEET DAILY RENTAL
2250-70	WELLDRIE	\$ 107	WELLDRIE	WELLDRIE
2250-80	DRILLING ADVISOR	\$ 50	FOCUSED DRILLING & COMPLETIONS LLC	50 DRILLING ADVISOR
2250-80	DRILLING SUPERINTENDANT	\$ 733	CRESCENT CONSULTING	DRILLING SUPERINTENDANT
2250-80	WELLSITE SUPERVISOR BLODGETT/ EVANS	\$ 2,000	OIL CITY DRILLING SERVICES, LLC	WELLSITE SUPERVISOR
2250-80	WELLSITE SUPERVISOR GRESHAM / GREEN	\$ 2,000	CRESCENT CONSULTING	WELLSITE SUPERVISOR
2250-85	INSTALL 7 5/8" CASING HANGER	\$ 7,864	OILFIELD SERVICE PROFESSIONALS (OSP)	DV TOOL HAND
2250-90	4.5" CET43 DRILL PIPE RENTAL + TAX	\$ 1,819	CASEY EQUIPMENT, LTD	11,500' OR 371 JOINTS plus tools
2250-95	13 5/8" 10K 36" SPOOL FOR B.O.P	\$ 44	MONAHANS NIPPLE-UP SERVICE	13 5/8" 10K 36" SPOOL FOR B.O.P
2250-95	13 5/8" ROTAING HEAD AND ORBIT VALVE	\$ 420	HALLIBURTON	13 5/8" ROTAING HEAD AND ORBIT VALVE
2250-95	2 SUPER CHOKES, MANIFOLD AND FLARE L	\$ 796	IRON HORSE TOOLS, INC.	2 SUPER CHOKES, MANIFOLD AND FLARE LINE
2250-95	3.5" X 5.5" VBR'S	\$ 64	POWER RIG RENTAL TOOL	3.5" X 5.5" VBR'S
2250-95	BOP POLLUTION CONTAINMENT	\$ 37	JOHNSON SPECIALTY TOOLS (JST)	HALF ROUND
2250-95	FORKLIFTS, MANLIFT, LIGHT TOWERS	\$ 575	SKEWL ENERGY SERVICES	FORKLIFTS, MANLIFT, LIGHT TOWERS
2250-95	H2S MONITORS	\$ 244	CANON SAFETY SERVICES	H2S MONITORS
2250-95	INLINE MUD SCREEN	\$ 100	BLACK DIAMOND	INLINE MUD SCREEN
2250-95	MUD VAC, VAC HOSE	\$ 105	EAST TEXAS SUPPLY	MUD VAC, VAC HOSE
2250-95	ROCKIT	\$ 523	NABORS DRILLING SOLUTIONS	ROCKIT
2250-95	TANK FARM AND PUMPS	\$ 2,200	SKEWL ENERGY SERVICES	TANK FARM AND PUMPS
2250-95	TOTCO PVT AND RIG MONITORING	\$ 810	NOV	TOTCO PVT AND RIG MONITORING
2250-100	BITS - # 2	\$ 14,408	NOV	
2250-105	CASING CREW & EQUIPMENT - # 2	\$ 19,575	4 STAR USA	
2250-110	CEMENTING SERVICES & EQUIPMENT	\$ 46,704	WEST TEXAS CEMENTERS	
2250-115	DIRECTIONAL DRILLING & SURVEYS	\$ 9,775	ALTITUDE ENERGY PARTNERS	
2250-125	DRILLING & COMPLETION FLUIDS	\$ 1,138	AES DRILLING FLUIDS INC	
2250-130	MUDLOGGERS	\$ 925	IMPAC EXPLORATION SERVICES, INC.	
2350-15		\$ 469,612	TRIDENT STEEL	
2350-30	LINER HANGER, DOWN HOLE CSG ACCESS.	\$ 37,372	OILFIELD SERVICE PROFESSIONALS (OSP)	
2350-40	WELLHEAD EQUIPMENT	\$ 7,784	CACTUS WELLHEAD, LLC	
Total:		\$ 646,477		

## TIME BREAKDOWN

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	01:30	1.5	INTERMEDIATE CASING	RUN CSG & CEMENT		11569	11569	7 5/8" INTERMEDIATE CASING SET @ 11530': 141 JTS OF 7 5/8", 40#, HCL-80, RAN WITH SC FLOAT EQUIPMENT, XO TO BTC @ 5328', 123 JT OF 7 5/8", 40#, HCL-80, BTC, DV TOOL SET @ 5058', CENTRALIZERS FIRST 2 JTS AND EVERY 4TH JT TO SURFACE CASING 28 TOTAL. LANDED CASING WITH 230K ON MANDAL, VERIFIED AND RECIPROCATED x2
01:30	02:30	1.0	INTERMEDIATE CASING	RUN CSG & CEMENT		11569	11569	RIGGED DOWN CASERS AND RIG UP CEMENT HEAD FOR CIRCULATING
02:30	06:00	3.5	INTERMEDIATE CASING	COND MUD & CIRC		11569	11569	INDUCE FLOW BY PUMPING DOWN BACKSIDE 40BBLs. BEGAN FORWARD CIRCULATION WITH RETURNS. 40 BBL PUMPING CALIPER SWEEP. 4 BPM 650 PSI, 6 BPM @ 725 PSI
06:00	08:00	2.0	INTERMEDIATE CASING	RUN CSG & CEMENT		11569	11569	CEMENT FIRST STAGE AS FOLLOWS: TEST LINES TO 4500 PSI, PUMP 25 BBLs FRESH WATER SPACER W/ 2.5PPB SODA ASH+1PPB R-1300+0.5 PPB SUSPENDACEM .002+10 PPB ZONE SEAL, FOLLOWED BY LEAD CEMENT: 580 SKS 50/50 CLASS H / CLASS C (258 BBLs) + 10% GEL + 5% SALT + .04% SUSPENDCEM 6302+ 0.2% C-20 +0.6%FR-5, 0.25PPS POL-E-FLAKE +3PPS GILSONITE +0.005 GPS NO FOAM V1A @ 11.8 PPG, YIELD 2.5 CF/SX, MIX WATER RATIO: 14.16 -GPS PUMPED AT 8 BPM, FOLLOWED BY TAIL: 65 SKS (13.8 BBLs) 100% CLASS H CEMENT W/ 0.1% SUSPENDCEM6302+ 0.2% C-20 + 0.2% C-47H +0.005GPS NO FOAM V1A @ 15.6 PPG, YIELD 1.19, WATER MIX: 5.24-GPS PUMPED @ 3 BPM TO MAINTAIN DENSITY, DROP PLUG AND KICK OUT AND DISPLACED WITH 526 BBLs OF 8.3 FRESHWATER, PUMPED @ 8-12BPM SLOWING TO 4BPM PRIOR TO BUMP, FINAL LIFT PRESSURE WAS 2350 PSI, BUMP PLUG @ 3050 PSI, BLED BACK FLOATS HELD, SHUT DOWN BLED OFF 6.5 BBL BACK TO TRUCK
08:00	09:00	1.0	INTERMEDIATE CASING	RUN CSG & CEMENT		11569	11569	DROPPED CONTINGENCY BOMB WAITED 30MIN FOR BOMB TO DROP, PUMP PRESSURE UP TO 580 PSI, OPENING DV TOOL, TIED INTO RIG PUMPS AND CIRC OUT 20 BBLs OF CEMENT ABOVE DV TOOL. CIRC 3-6 BMP TO MANTAIN BBL PIT VOLUME WHILE WAIT ON CEMENT
08:30	13:00	4.5	INTERMEDIATE CASING	RUN CSG & CEMENT		11569	11569	CIRC 3-6 BMP TO MAINTAIN BBL PIT VOLUME WHILE WAIT ON CEMENT, BEFORE STARTING 2ND STAGE

[illegible]