



DAILY DRILLING REPORT

RPT DATE: 5/16/2022

RPT NUM.: 11

RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H	JOB:	RIG SUPERV: CHRIS BLODGETT/BROCK FEASTER
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: 9.2	DOL: 52
MD/TVD: 11645 FT/0 FT	24 HR FTG:	HRS DRLG:
PRESENT OPERATIONS: PICKING UP DIR. TOOLS		
ACTIVITY PLANNED: DRILL OUT SHOE AND FLOAT TRACK		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/16/2022	5/17/2022	None	PICKING UP DIR. TOOLS/TESTING BOPS
NIPPLE DOWN FLOW LINE, TURN BUCKLES, INSTALL BOP HOISTING SYSTEM, PICK UP BOPS. RIG RELEASED FROM YELLOWTAIL E 21-29-17 WB 5H @ 15:00 ON 5-16-2022 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 RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS 00:00 - 00:30 INSTALL WEAR BUSHING 0030 – 0130 TEST MUD LINES WITH MUD PUMPS, CLEAN RIG FLOOR, DRESS TDS FOR DRILLING, LAY OUT DIRECTION TOOLS 01:30 – 03:00 PICK UP DIRECTION TOOLS AS FOLLOWS, SMITH DD306WSX (SN 5322787), MUD MOTOR 5 6.5NB 6/7 10.0 @ 1.50 DEG (0.84 RPG) FLOW RANGE 150-350 GPM, SHOCKMISER SF, NON MAG DRILL COLLAR, NON MAG DRILL COLLAR, XO XT-39 PIN BY CET 43 BOX. RUN ONE STAND OF DRILL PIPE AND SURFACE TEST MWD TOOL 225 GPMS GOOD TEST. 03:00 – 05:00 TRIP IN THE HOLE F/200' T/4,911 REMOVE TRIP NIPPLE AND INSTALL ROT HEAD @4,877' TAKING RETURNS THROUGH OVER BOARD LINE, SLUG PIT IS ISOLATED. 05:00 – 06:00 FILL PIPE CIRCULATE AIR OUT PREFORM 10 MIN CASING TEST @ 1500 PSI, ABOVE DV TOOL			

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$23,919	CUM DRILL COST:	\$1,833,259	CUM MUD COST:	\$68,147	CUM WELL COST:	\$1,833,259
BOP								
LAST BOP TEST:		4/16/22	LAST BOP DRILL:		4/3/22	NEXT BOP TEST:		5/7/22

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
16:00	12.0	65.0				2.0	10	13	16	24	12	250,000						74.00	7.90	11.80

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	BHA WT. AIR:	BHA WT. MUD:	HRS. ON JARS:
LENGTH: 755.13	P.U. WT.:	S.O. WT.:	TORQUE:
ROT. WT.:			

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		3,676	9,427
CNG		98	-5,887

NOTIFICATIONS						
Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/30/2022	12:00	PUD / SURFACE CASING	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	264		
UNIT DRILLING	1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	1,716		
ALTITUDE	2DD'S, 2 MWD HANDS	4	48	432		
IMPAC	2 X MUDLOGGERS	2	24	168		
AES	MUD ENGINEER	2	24	156		
CACTUS	WELL HEAD HAND	1	12	36		
MONAHANS	NIPPLE UP CREW	1	12	48		
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DAILY DRILLING REPORT

RPT DATE: 5/17/2022

RPT NUM.: 12

RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H	JOB:	RIG SUPERV: CHRIS BLODGETT/BROCK FEASTER
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: 10.2	DOL: 53
MD/TVD: 12070 FT/12037 FT	24 HR FTG: 425	HRS DRLG: 9.5
PRESENT OPERATIONS: DRILLING CURVE		
ACTIVITY PLANNED: TRIPPING OUT DUE TO BUILD RATES		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/16/2022	5/17/2022	None	HOUSE KEEPING AND SPILLS
NIPPLE DOWN FLOW LINE, TURN BUCKLES, INSTALL BOP HOISTING SYSTEM, PICK UP BOPS. RIG RELEASED FROM YELLOWTAIL E 21-29-17 WB 5H @ 15:00 ON 5-16-2022 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 RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS 00:00 01:30 DRILL CURVE F/12,070' T/12,093 (23 @ 16 FPH) WOB: 30K, GPM: 280, RPM'S: 25-35, MRPM 235, TORQUE ON: 8K FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN 100 % RETURNS LITHOLOGY @ 12,010' = 95% SH. 5% LS. (UNABLE TO GET BUILD RATES) SLIDE F/12,070' T/12,093' GTF HS 01:30 -02:00 CIRCULATE BOTTOMS UP USE TIME TO TRANSFER IN SLUG AND PREP RIG FLOOR FOR TRIP OUT. 02:30 - 06:00 TRIP OUT OF HOLE F/12,093 T/2,057 FILLING BACK SIDE OFF TRIP TANKS WELL IS TAKING PROPER FLUID, WELL IS ON FLOW LINE UN RESTRICTED, DROPPED ID WIPER 5 STANDS OFF BOTTOM.			

GAS/DIESEL USAGE: 43% CNG/ 57% DIESEL

LAST B.O.P TEST: 5-16-2022

NO ACCIDENTS, INCIDENTS, OR SPILLS

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$72,214	CUM DRILL COST:	\$1,906,534	CUM MUD COST:	\$74,465	CUM WELL COST:	\$1,906,534
BOP								
LAST BOP TEST:			5/16/22			LAST BOP DRILL:		
						NEXT BOP TEST:		
						6/6/22		

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
18:00	11.8	64.0			2.0	9	13	16	23	11	250,000					73.00
																7.50
																10.40

DRILL BITS															
NO.	SIZE	MANUFACTURER		TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
5	6.75	BAKER HUGHES		DD306WSX	5322787	4x12, 2x8	0.540	N	11,645	12,070	425	11.0	30	235	38.6
4	8.75	REED		TCK76	A283108	6x12, 4x10	0.970	N	10,388	11,645	1,257	26.0	40	97	48.3

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	42	2850	280	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	42	2850	280	0.00176	95	9.6	239	392	54.6	1609

BHA									
#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	PDC DRILL BIT	6.75		1	7	Drill Pipe-CET 43			11964.14
2	Motor-5 6.5 NB 6/7 10.0 @ 1.50 DEG (0.8	5		34.6					
3	MWD Tool-SHOCKMISER SF	5.25		3.1					
4	Monel Collar-NMDC	5.5	2.75	31.1					
5	Monel Collar-NMDC	5	2.69	30.88					
6	X-Over-XT-39 PIN * CET43 BOX	5.25	2.5	5.18					

DESCRIPTION: CURVE

LENGTH: 12,070.00

ROT. WT.: 205,000

BHA WT. AIR:

P.U. WT.: 235,000

BHA WT. MUD:

S.O. WT.: 190,000

HRS. ON JARS:

TORQUE: 6,000

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
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	
11,684	2.87	196.54	11,653	137.0	366.6		28.8	1.1
11,779	2.19	211.83	11,748	133.2	365.0		25.6	1.0
11,874	2.06	258.39	11,843	131.3	362.3		24.5	1.8
11,969	6.11	299.24	11,937	133.4	356.2		28.2	5.0
12,001	9.64	292.96	11,969	135.3	352.3		31.1	11.3
12,032	12.45	286.63	11,999	137.3	346.7		34.6	9.9

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,117	8,310
CNG		332	-6,219

NOTIFICATIONS						
Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
3/30/2022	12:00	PUD / SURFACE CASING	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	288	
UNIT DRILLING		1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	1,872	
ALTITUDE		2DD'S, 2 MWD HANDS	4	48	480	
IMPAC		2 X MUDLOGGERS	2	24	192	
AES		MUD ENGINEER	2	24	180	

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FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	00:30	0.5	INTERMEDIATE CASING	OTHER		11645	11645	INSTALL WEAR BUSHING
00:30	01:30	1.0	INTERMEDIATE CASING	OTHER		11645	11645	TEST MUD LINES WITH MUD PUMPS, CLEAN RIG FLOOR, DRESS TDS FOR DRILLING, LAY OUT DIRECTION TOOLS
01:30	03:00	1.5	INTERMEDIATE CASING	TRIPS		11645	11645	PICK UP DIRECTION TOOLS AS FOLLOWS, SMITH DD306WSX (SN 5322787), MUD MOTOR 5 6.5NB 6/7 10.0 @ 1.50 DEG (0.84 RPG) FLOW RANGE 150-350 GPM, SHOCKMISER SF, NON MAG DRILL COLLAR, NON MAG DRILL COLLAR, XO XT-39 PIN BY CET 43 BOX.
03:00	05:30	2.5	INTERMEDIATE CASING	TRIPS		11645	11645	TRIP IN HOLE F/105 T/4900' RUN ONE STAND OF DRILL PIPE AND SURFACE TEST MWD TOOL 225 GPMS GOOD TEST. ' TAKING RETURNS THROUGH OVER BOARD LINE, SLUG PIT IS ISOLATED.
05:30	06:00	0.5	INTERMEDIATE CASING	TEST B.O.P.		11645	11645	FILL PIPE CIRCULATE AIR OUT PREFORM 10 MIN CASING TEST @ 1500 PSI, ABOVE DV TOOL
06:00	07:00	1.0	INTERMEDIATE CASING	OTHER		11645	11645	DRILL OUT DV TOOL AND CONTINGENCY BAFFLE 200 GPM, 20 RPM, 5-8K WOB
07:00	10:30	3.5	INTERMEDIATE CASING	TRIPS		11645	11645	TRIP IN, TAGGED UP @ 11530'
10:30	11:00	0.5	INTERMEDIATE CASING	TEST B.O.P.		11645	11645	CASING TEST 1500 PSI FOR 30 MIN
11:00	12:00	1.0	INTERMEDIATE CASING	CUT OFF DRILL LINE		11645	11645	CUT AND SLIP DRILLING LINE, DISPLACE HOLE WITH OBM WHILE
12:00	12:30	0.5	INTERMEDIATE CASING	COND MUD & CIRC		11645	11645	DISPLACE HOLE WITH OBM



DAILY DRILLING REPORT

RPT DATE: 5/18/2022

RPT NUM.: 13

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: 12500 FT/12343 FT

PRESENT OPERATIONS: DRILLING CURVE @ 12,500'.

ACTIVITY PLANNED: DRILL CURVE TO LANDING POINT. DRILL RATHOLE FOR TOOLS. CIRCULATE BOTTOMS UP. TOOH F/LATERAL ASSEMBLY.

JOB:

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

API #: 42-495-34698

ELEVATION:

DFS: 11.2

24 HR FTG: 430

RIG SUPERV: CHRIS BLODGETT/BRIAN GRESHAM

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB:

DOL: 54

HRS DRLG: 11.5

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/17/2022	5/18/2022	None	HEAT AWARENESS, PROPER PPE.
RIG RELEASED FROM YELLOWTAIL E 21-29-17 WB 5H @ 15:00 ON 5-16-2022			
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			
RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS			
RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS			
SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS			
RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS			

00:00 - 03:00: DRILL CURVE F/12,500' T/12,645' (1453' @ 36.2 FPH) WOB: 25-30K, GPM: 245-275, RPM'S: 0, MRPM 213-231, TORQUE ON: 8K FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN 100 % RETURNS LITHOLOGY @ 12,500' = 95% LS. 5% SH.

03:00 - 06:00: DRILL LATERAL F/12,645' T/12,756' (111' @ 37 FPH) WOB: 25-30K, GPM: 300, RPM'S: 25, MRPM 261, TORQUE ON: 13K FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN 100 % RETURNS LITHOLOGY @ 12,590' = 80% LS. 20% SH.

GAS/DIESEL USAGE: 43% CNG/ 57% DIESEL

LAST B.O.P TEST: 5-16-2022

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (48.5 HRS TOTAL)

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

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$134,529	CUM DRILL COST:	\$2,041,063	CUM MUD COST:	\$112,366	CUM WELL COST:	\$2,041,063
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BOP

LAST BOP TEST:	5/16/22	LAST BOP DRILL:	5/18/22	NEXT BOP TEST:	6/6/22
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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	12.1	63.0			2.0	9	14	17	24	10	253,313			74.00	6.50	2.00

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
6	6.75	ULTERRA	U611S	60395	5x9, 1x8	0.360	N	12,093	12,500	407	10.0	30	231	40.7
5	6.75	BAKER HUGHES	DD306WSX	5322787	4x12, 2x8	0.540	N	11,645	12,093	448	12.5	30	235	35.8

BIT NO. 5 INNER: 1 OUTER: 1 DULL: WT LOC: N SEAL: X GAUGE: I OTHER: NO RP: BHA

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	42	2850	280	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	42	2850	280	0.00176	95	9.6	239	392	54.6	1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-PDC Bit 6.75 Ulterra	6.75		1					
2	Motor-5 Slick 6/7 10.0 @ 2.25deg (0.	5	31.41	34.8					
3	Shock Sub-SHOCKMISER SF	5.25		3.1					
4	Monel Collar-NMDC	5.5	2.75	31.1					
5	Monel Collar-NMDC	5	2.688	30.88					
6	X-Over-X-O XT39 PIN BY CET43 BOX	5.25	2.5	5.18					

DESCRIPTION: CURVE 2

LENGTH: 106.06

ROT. WT.: 202

BHA WT. AIR: 212

P.U. WT.: 235

BHA WT. MUD: 202

S.O. WT.: 180

HRS. ON JARS:

TORQUE: 9

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
12,065	15.10	282.80	12,031		139.3	339.1	38.6	8.5
12,128	21.70	287.72	12,091		144.6	320.0	49.1	10.8
12,160	25.57	290.08	12,121		148.8	307.8	56.5	12.5
12,255	38.15	294.60	12,201		168.1	261.7	88.0	13.5
12,350	52.66	299.50	12,268		199.1	201.8	134.6	15.7
12,443	68.65	302.09	12,313		240.6	132.5	193.8	17.4
12,538	81.60	310.01	12,337		294.6	58.6	266.4	15.8
12,597	87.07	317.74	12,343		335.3	16.3	317.3	16.0

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed	7,204	448	15,066
CNG		598	-6,817
Diesel - Mud	7,200		7,200

NOTIFICATIONS

[illegible]

[illegible]



DAILY DRILLING REPORT

RPT DATE: 5/19/2022

RPT NUM.: 14

RIG: 407

WELL/JOB INFORMATION

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

FIELD: PHANTOM WOLFCAMP

AFE #: 22DC051

CONTRACTOR: UNIT

SPUD DATE: 3/30/2022

MD/TVD: 12831 FT/12347 FT

PRESENT OPERATIONS: LOG GAMMA F/12,781' - T/12831'.

ACTIVITY PLANNED: DRILL 6 3/4" LATERAL SECTION F/12,831'.

JOB:

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

API #: 42-495-34698

ELEVATION:

DFS: 12.2

24 HR FTG: 331

RIG SUPERV: CHRIS BLODGETT/BRIAN GRESHAM

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB:

DOL: 55

HRS DRLG: 8

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/19/2022	5/20/2022	None	HANDLING BHA, TRIPPING IN THE HOLE.

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

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

RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS

SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS

RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS

00:00 – 00:30: WASH DOWN F/12,781' T/12,831' TO RELOG GAMMA.

00:30 – 01:30: DOWNLINK MWD FROM MODE 5 TO MODE 1 FOR REAL TIME COMMS. 3 ATTEMPTS MADE BEFORE DOWNLINK TOOK.

01:30 -02:00: CIRCULATE BOTTOMS UP THROUGH THE CHOKES, WITH BOTH CHOKES 100 % OPEN DUE TO GAS BURPING OUT OF THE POSSUM BELLY ON THE SHAKER. 15-20' FLARE, 10.1 PPG GAS CUT AT SURFACE.

02:00 – 06:00: ROTATE DRILL 6 3/4" PRODUCTION LATERAL WITH RSS F/ 12,831' -T/ 13,196' (365° @ 91 FPH) WOB: 25-30K, GPM: 275-300, PPSI: 4500, RPM'S: 60-80, TORQUE ON: 10,300 FT/LBS, OFF: 7,300 FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN, B/G UNITS: 309,

GAS/DIESEL USAGE: 43% CNG/ 57% DIESEL

LAST B.O.P TEST: 5-16-2022

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (48.5 HRS TOTAL)

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

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$78,832	CUM DRILL COST:	\$2,122,297	CUM MUD COST:	\$128,105	CUM WELL COST:	\$2,122,297
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BOP

LAST BOP TEST:	5/16/22	LAST BOP DRILL:	5/19/22	NEXT BOP TEST:	6/6/22
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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	12.8	62.0			2.0	8	14	17	24	11	250,853			75.00	7.00	9.80

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
7	6.75	SMITH	MDI613	JV6763	6x9	0.327	N	0						
6	6.75	ULTERRA	U611S	60395	5x9, 1x8	0.360	N	12,093	12,831	738	19.0	30	231	38.8

BIT NO. 6 INNER: 1 OUTER: 1 DULL: WT LOC: S SEAL: X GAUGE: I OTHER: NO RP: BHA

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	42	2850	280	.00176	95	9.6	266	327	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	42	2850	280	0.00176	95	9.6	266	327	54.6	1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-smithmdi613	6.75		0.75	7	RIG TOMAX	5.12	2.25	22.08
2	Steerable Assembly-orbit	5	3.5	13.98	8	Filter Sub	5	2.625	5.65
3	Shockmiser SF	5.25	2.375	3.14					
4	NMDC	5.188	2.812	27.93					
5	Non-Mag Stabilizer (6 5/8)	5	2.625	5.83					
6	NonMag Pony Collar	5	2.688	8.85					

DESCRIPTION: PRODUCTION 1

LENGTH: 88.21

ROT. WT.: 200

BHA WT. AIR: 215

P.U. WT.: 265

BHA WT. MUD: 200

S.O. WT.: 185

HRS. ON JARS:

TORQUE: 13

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
12,065	15.10	282.80	12,031		139.3	339.1	38.6	8.5
12,128	21.70	287.72	12,091		144.6	320.0	49.1	10.8
12,160	25.57	290.08	12,121		148.8	307.8	56.5	12.5
12,255	38.15	294.60	12,201		168.1	261.7	88.0	13.5
12,350	52.66	299.50	12,268		199.1	201.8	134.6	15.7
12,443	68.65	302.09	12,313		240.6	132.5	193.8	17.4
12,538	81.60	310.01	12,337		294.6	58.6	266.4	15.8
12,634	87.24	323.72	12,347		364.2	-6.5	351.4	15.4

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,007	14,059
CNG		488	-7,305
Diesel - Mud			7,200

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	336	
UNIT DRILLING		1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	2,184	
ALTITUDE		2DD'S, 2 MWD HANDS	4	48	576	
IMPAC		2 X MUDLOGGERS	2	24	240	
AES		MUD ENGINEER	2	24	228	

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DAILY DRILLING REPORT

RPT DATE: 5/20/2022

RPT NUM.: 15

RIG: 407

WELL/JOB INFORMATION

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

FIELD: PHANTOM WOLFCAMP

AFE #: 22DC051

CONTRACTOR: UNIT

SPUD DATE: 3/30/2022

MD/TVD: 14768 FT/12362 FT

PRESENT OPERATIONS: CHANGING OUT WASHPIPE.

ACTIVITY PLANNED: CHANGE OUT WASHPIPE. DRILL 6 3/4" PRODUCTION SECTION.

JOB:

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

API #: 42-495-34698

ELEVATION:

DFS: 13.2

24 HR FTG: 1937

RIG SUPERV: CHRIS BLODGETT/BRIAN GRESHAM

RIG PHONE: 432-355-3112

EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO

RKB:

DOL: 56

HRS DRLG: 20

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/19/2022	5/20/2022	None	PINCH POINTS, FORKLIFT OPERATIONS.
RIG RELEASED FROM YELLOWTAIL E 21-29-17 WB 5H @ 15:00 ON 5-16-2022			
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			
RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS			
RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS			
SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS			
RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS			
00:00 – 03:00: CHANGE OUT QUICK CONNECT DUE TO WASHPIPE LEAKING.			
03:00 – 06:00: ROTATE DRILL 6 3/4" PRODUCTION LATERAL WITH RSS F/ 14,768' -T/ 15,040' (272' @ 90 FPH) WOB: 25-32K, GPM: 275-300, PPSI: 5250, RPM'S: 60-95, TORQUE ON: 15,300 FT/LBS, OFF: 10,300 FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN, B/G UNITS: 309,			

GAS/DIESEL USAGE: 43% CNG/ 57% DIESEL

LAST B.O.P TEST: 5-16-2022

NO ACCIDENTS, INCIDENTS, OR SPILLS

DOWNTIME 0 HRS (48.5 HRS TOTAL)

NON-PRODUCTIVE TIME, 1 HRS (1 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$112,005	CUM DRILL COST:	\$2,234,302	CUM MUD COST:	\$146,900	CUM WELL COST:	\$2,234,302
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BOP

LAST BOP TEST:	5/16/22	LAST BOP DRILL:	5/18/22	NEXT BOP TEST:	6/6/22
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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	13.1	62.0			2.0	8	12	16	26	11	258,911						74.00	7.10	8.80

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
7	6.75	SMITH	MDI613	JV6763	6x9	0.327	N	12,831	14,768	1,937	20.0	30	126	96.9
6	6.75	ULTERRA	U611S	60395	5x9, 1x8	0.360	N	12,093	12,831	738	19.0	30	231	38.8
BIT NO. 6		INNER: 1	OUTER: 1	DULL: WT	LOC: S	SEAL: X	GAUGE: I	OTHER: NO	RP: BHA					

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	42	2850	280	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	42	2850	280	0.00176	95	9.6	239	392	54.6	1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-smithmdi613	6.75		0.75	7	RIG TOMAX	5.12	2.25	22.08
2	Steerable Assembly-orbit	5	3.5	13.98	8	Filter Sub	5	2.625	5.65
3	Shockmiser SF	5.25	2.375	3.14					
4	NMDC	5.188	2.812	27.93					
5	Non-Mag Stabilizer (6 5/8)	5	2.625	5.83					
6	NonMag Pony Collar	5	2.688	8.85					

DESCRIPTION: PRODUCTION 1

LENGTH: 88.21

ROT. WT.: 215

BHA WT. AIR: 235

P.U. WT.: 265

BHA WT. MUD: 215

S.O. WT.: 185

HRS. ON JARS:

TORQUE: 15,500

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
14,109	89.25	351.85	12,351		1,752.5	-425.3	1,801.5	1.3
14,203	89.93	352.83	12,352		1,845.7	-437.8	1,894.4	1.3
14,298	89.26	352.54	12,353		1,939.9	-449.9	1,988.3	0.8
14,393	89.62	352.83	12,354		2,034.1	-462.0	2,082.1	0.5
14,488	89.45	352.75	12,354		2,128.4	-473.9	2,175.9	0.2
14,582	89.17	352.46	12,356		2,221.6	-486.0	2,268.8	0.4
14,677	89.71	353.27	12,357		2,315.9	-497.8	2,362.6	1.0
14,713	89.17	353.27	12,357		2,351.6	-502.0	2,398.1	1.5

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		2,153	11,906
CNG		461	-7,766
Diesel - Mud			7,200

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
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3/30/2022	12:00	PUD / SURFACE CASING 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	360
UNIT DRILLING		1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HR	13	156	2,340
ALTITUDE		2DD'S, 2 MWD HANDS	4	48	624
IMPAC		2 X MUDLOGGERS	2	24	264
AES		MUD ENGINEER	2	24	252
4 STAR		CASING CREW	4	32	72
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DAILY DRILLING REPORT

RPT DATE: 5/21/2022

RPT NUM.: 16

RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H	JOB:	RIG SUPERV: CHRIS BLODGETT/BRIAN GRESHAM
FIELD: PHANTOM WOLFCAMP	LEASE: UL YELLOWTAIL WEST E 21-29-17 WB	RIG PHONE: 432-355-3112
AFF #: 22DC051	API #: 42-495-34698	EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
CONTRACTOR: UNIT	ELEVATION:	RKB:
SPUD DATE: 3/30/2022	DFS: 14.2	DOL: 57
MD/TVD: 16844 FT/12382 FT	24 HR FTG: 2076	HRS DRLG: 23.5
PRESENT OPERATIONS: DRILLING PRODUCTION SECTION @ 16,844'.		
ACTIVITY PLANNED: DRILL PRODUCTION SECTION.		

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/20/2022	5/21/2022	None	HYDRATION, WORKING AT HEIGHTS.
RIG RELEASED FROM YELLOWTAIL E 21-29-17 WB 5H @ 15:00 ON 5-16-2022			
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			
RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS			
RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS			
SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS			
RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS			
00:00 – 06:00: ROTATE DRILL 6 3/4" PRODUCTION LATERAL WITH RSS F/ 16,844' -T/ 17,485' (641' @ 106 FPH) WOB: 25-32K, GPM: 275-310, PSI: 5750, RPM'S: 60-95, TORQUE ON: 17,300 FT/LBS, OFF: 11,300 FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN, B/G UNITS: 210,			
GAS/DIESEL USAGE: 43% CNG/ 57% DIESEL			
LAST B.O.P TEST: 5-16-2022			
NO ACCIDENTS, INCIDENTS, OR SPILLS			
DOWNTIME 0 HRS (48.5 HRS TOTAL)			
NON-PRODUCTIVE TIME, 3 HRS (4 HRS TOTAL)			

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$97,350	CUM DRILL COST:	\$2,331,652	CUM MUD COST:	\$160,635	CUM WELL COST:	\$2,331,652
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BOP

LAST BOP TEST:	5/16/22	LAST BOP DRILL:	5/18/22	NEXT BOP TEST:	6/6/22
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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	13.3	60.0			2.0	8	12	13	25	9	264,645					75.00	6.60	8.00

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
7	6.75	SMITH	MDI613	JV6763	6x9	0.327	N	12,831	16,844	4,013	40.5	32	130	99.1
6	6.75	ULTERRA	U611S	60395	5x9, 1x8	0.360	N	12,093	12,831	738	19.0	30	231	38.8
BIT NO. 6		INNER: 1	OUTER: 1	DULL: WT	LOC: S	SEAL: X	GAUGE: I	OTHER: NO	RP: BHA					

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	42	2850	280	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	42	2850	280	0.00176	95	9.6	239	392	54.6	1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-smithmdi613	6.75		0.75	7	RIG TOMAX	5.12	2.25	22.08
2	Steerable Assembly-orbit	5	3.5	13.98	8	Filter Sub	5	2.625	5.65
3	Shockmiser SF	5.25	2.375	3.14					
4	NMDC	5.188	2.812	27.93					
5	Non-Mag Stabilizer (6 5/8)	5	2.625	5.83					
6	NonMag Pony Collar	5	2.688	8.85					
DESCRIPTION: PRODUCTION 1									
LENGTH: 88.21		BHA WT. AIR: 225			BHA WT. MUD: 212			HRS. ON JARS:	
ROT. WT.: 212		P.U. WT.: 265			S.O. WT.: 175			TORQUE: 16,500	

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
16,274	89.40	343.65	12,381		3,887.0	-773.2	3,947.9	1.0
16,368	89.40	344.12	12,382		3,977.3	-799.3	4,041.9	0.5
16,462	90.21	343.95	12,382		4,067.7	-825.2	4,135.9	0.9
16,556	90.38	344.21	12,382		4,158.1	-851.0	4,229.9	0.3
16,651	90.46	343.55	12,381		4,249.4	-877.3	4,324.9	0.7
16,744	89.20	344.66	12,381		4,338.8	-902.8	4,417.9	1.8
16,839	89.40	343.94	12,382		4,430.2	-928.5	4,512.9	0.8
16,875	89.40	343.94	12,383		4,464.8	-938.5	4,548.9	

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,620	10,286
CNG		971	-8,738
Diesel - Mud			7,200

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

[illegible]



DAILY DRILLING REPORT

RPT DATE: 5/22/2022

RPT NUM.: 17

RIG: 407

WELL/JOB INFORMATION

WELL NAME: UL YELLOWTAIL WEST E 21-29-17 WB 5H
FIELD: PHANTOM WOLFCAMP
AFE #: 22DC051
CONTRACTOR: UNIT
SPUD DATE: 3/30/2022
MD/TVD: 19221 FT/12384 FT
PRESENT OPERATIONS: DRILLING LATERAL SECTION @ 19,221'.
ACTIVITY PLANNED: DRILL LATERAL SECTION.

JOB:
LEASE: UL YELLOWTAIL WEST E 21-29-17 WB
API #: 42-495-34698
ELEVATION:
DFS: 15.2
24 HR FTG: 2377

RIG SUPERV: CHRIS BLODGETT/BRIAN GRESHAM
RIG PHONE: 432-355-3112
EMAIL: UNIT407@PERCUSSIONPETROLEUM.CO
RKB:
DOL: 58
HRS DRLG: 23.5

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
5/21/2022	5/22/2022	None	3RD PARTY EQUIPMENT, FLUID TRANSFERS
RIG RELEASED FROM YELLOWTAIL E 21-29-17 WB 5H @ 15:00 ON 5-16-2022			
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			
RIG RELEASED OFF UL YELLOWTAIL H 21-29-17 WB 8H 4/15/2022 @ 16:30 HRS			
RIG RELEASED OFF UL YELLOWTAIL G 21-29-17 WA 7H 4/21/2022 @ 11:00 HRS			
SPUD UL YELLOWTAIL D 21-29-17 TB 4H ON 4/22/2022 @ 01:00 HRS			
RIG RELEASED OFF UL YELLOWTAIL D -21-29-17 WB 4H 5/16/2022 @ 15:00 HRS			
00:00 – 06:00: ROTATE DRILL 6 3/4" PRODUCTION LATERAL WITH RSS F/ 19,221' -T/ 19,651' (430' @ 71 FPH) WOB: 25-32K, GPM: 275-310, PPSI: 5850, RPM'S: 60-95, TORQUE ON: 18,300 FT/LBS, OFF: 11,300 FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN, B/G UNITS: 302.			

GAS/DIESEL USAGE: 43% CNG/ 57% DIESEL
LAST B.O.P TEST: 5-16-2022
NO ACCIDENTS, INCIDENTS, OR SPILLS
DOWNTIME 0 HRS (48.5 HRS TOTAL)
NON-PRODUCTIVE TIME, 0 HRS (4 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$134,968	CUM DRILL COST:	\$2,466,619	CUM MUD COST:	\$210,533	CUM WELL COST:	\$2,466,619
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BOP

LAST BOP TEST:	5/16/22	LAST BOP DRILL:	5/18/22	NEXT BOP TEST:	6/6/22
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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	13.3	59.0			2.0	8	13	15	25	9	255,714			76.00	5.60	9.60

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
7	6.75	SMITH	MDI613	JV6763	6x9	0.327	N	12,831	19,221	6,390	64.0	33	130	99.8
6	6.75	ULTERRA	U611S	60395	5x9, 1x8	0.360	N	12,093	12,831	738	19.0	30	231	38.8

BIT NO. 6 INNER: 1 OUTER: 1 DULL: WT LOC: 5 SEAL: X GAUGE: I OTHER: NO RP: BHA

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	42	2850	280	.00176	95	9.6	239	392	54.6	1609
2	WEATHERFORD	EQ-2200	5.000	12.000	42	2850	280	0.00176	95	9.6	239	392	54.6	1609

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-smithmdi613	6.75		0.75	7	MWD Tool-RIG TOMAX	5.12	2.25	22.08
2	Steerable Assembly-orbit	5	3.5	13.98	8	Sub-Filter Sub	5	2.625	5.65
3	MWD Tool-Shockmiser SF	5.25	2.375	3.14	9	Motor-5 Stab 6 5/8, 7/8 7.0 @ 0.0deg (0.4	5		34.73
4	Monel Collar-NMDC	5.188	2.812	27.93	10	Sub-Steel Float Sub	5.25	2.5	3.12
5	Stabilizer-Non-Mag Stabilizer (6 5/8)	5	2.625	5.83	11	X-Over-X-O XT39 PIN BY CET43 BOX	5.25	2.5	5.18
6	Monel Collar-NonMag Pony Collar	5	2.688	8.85					

DESCRIPTION: PRODUCTION 1
LENGTH: 131.24
ROT. WT.: 215

BHA WT. AIR: 235
P.U. WT.: 265

BHA WT. MUD: 215
S.O. WT.: 185

HRS. ON JARS:
TORQUE: 19

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
18,710	90.35	343.55	12,385		6,225.2	-1,455.8	6,383.7	0.3
18,805	90.07	343.27	12,385		6,316.3	-1,482.9	6,478.7	0.4
18,899	89.20	343.03	12,386		6,406.3	-1,510.2	6,572.7	1.0
18,992	89.90	343.52	12,386		6,495.3	-1,536.9	6,665.7	0.9
19,085	90.74	343.62	12,386		6,584.5	-1,563.2	6,758.7	0.9
19,176	90.94	344.18	12,384		6,671.9	-1,588.5	6,849.7	0.7
19,271	91.42	344.90	12,382		6,763.5	-1,613.8	6,944.7	0.9
19,307	91.42	344.90	12,382		6,798.2	-1,623.2	6,980.7	

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		2,595	7,691
CNG		1,697	-10,435
Diesel - Mud	7,197		14,397

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	408
UNIT DRILLING		1 RIG MANAGER (24 HRS), 6 MAN CREWS (12 HRS)	13	156	2,652
ALTITUDE		2DD'S, 2 MWD HANDS	4	48	720
IMPAC		2 X MUDLOGGERS	2	24	312
AES		MUD ENGINEER	2	24	300
www.wellez.com WellEz On Demand ver_02.15.2022.TW					

FROM	TO	HRS	PHASE	CODE	NPT	FROM	TO	OPERATIONS
00:00	17:30	17.5	PRODUCTION DRILLING - LA	DRILLING		16844	18863	ROTATE DRILL 6 3/4" PRODUCTION LATERAL WITH RSS F/ 16,844' -T/ 18,863' (2,019' @ 115 FPH) WOB: 25-32K, GPM: 275-310, PPSI: 5750, RPM'S: 60-95, TORQUE ON: 18,300 FT/LBS, OFF: 11,300 FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN, B/G UNITS: 292,
17:30	18:00	0.5	PRODUCTION DRILLING - LA	LUBRICATE RIG		18863	18863	SERVICE RIG.
18:00	00:00	6.0	PRODUCTION DRILLING - LA	DRILLING		18863	19221	ROTATE DRILL 6 3/4" PRODUCTION LATERAL WITH RSS F/ 18,863' -T/ 19,221' (358' @ 60 FPH) WOB: 25-32K, GPM: 275-310, PPSI: 5750, RPM'S: 60-95, TORQUE ON: 18,300 FT/LBS, OFF: 11,300 FT/LBS, TAKING RETURNS UN RESTRICTED DOWN FLOWLINE WITH VENT LINE OPEN, B/G UNITS: 292,
TOTAL HRS		24.0						

