

# Oxy Operations Summary

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM		
Project:	COLORADO - WELD			Site:	T03N-R62W-S20		
Event:	ABANDONMENT			Rig Name:	ENSIGN 122		
Start Date:	8/5/25			End Date:	8/29/25		
Datum:	RKB @ 4679			Well UWI:	0512319588		
Report Date	Time From	Time To	Duration (hr)	Operation			
5/7/25	14:00	18:00	4	LOCATION PREP			
5/8/25	7:00	17:00	10	LOCATION PREP			
5/20/25	7:00	17:00	10	LOCATION PREP			
7/30/25	7:00	19:00	12	LOCATION PREP			
7/31/25	7:00	10:00	3	LOCATION PREP			
8/5/25	6:00	12:00	6	MOB RIG AND EQUIPMENT FROM CHRISTENSEN 6-9. TO HSR LOST CREEK STATE 13-20 SPOT IN EQUIP.			
8/5/25	12:00	12:30	0.50	SAFETY MEETING WITH NIGHT CREW.			
8/5/25	12:30	17:30	5	RIG UP, FACE RIG NORTH, FILL TANKS WITH 700 BBL, INPS DERRICK, TIGHT LOCATION.			
8/5/25	17:30	17:45	0.25	CREW CHANGE/ JSA			
8/5/25	17:45	18:00	0.25	RIG UP ENSIGN 122. HOOK UP LINES.			
8/5/25	18:00	0:00	6	NIPPLE UP BOP, TORQUE UP FLANGE BOLTS, RU GAS BUSTER AND FLAIR LINES. ( NEW HANDS ON CREW, VERY SLOW MOVING, ALSO RAINING OUT SIDE			
8/5/25				INFORMATION SIGNS POSTED IN REQUESTED AREAS THROUGHOUT P&A OPERATIONS 08/05/2025			
8/5/25				FORM 42 APROPED 07/25/2025 TO START OPS 8/1/2025. MIRU 08/1/2025			
8/6/25	0:00	2:45	2.75	CONTINUE RIGGING UP AND FILLING PITS WITH WATER. LOAD RACKS, TALLY.			
8/6/25	2:45	4:15	1.50	MU 7-7/8" BIT, BIT SUB AND 4.5" HWDP. DRILL OUT SURFACE CEMENT PLUG 34'. DRILL OUT 34'-177'. DRILL OUT CEMENT STREAMERS TO 232'.			
8/6/25	4:15	4:30	0.25	WASH DOWN 273'			
8/6/25	4:30	5:30	1	TOH WITH 4 JOINTS. LD 7-7/8" BIT.			
8/6/25	5:30	5:45	0.25	CREW CHANGE / JSA.			
8/6/25	5:45	6:15	0.50	MU TIH W/ BHA #1. DETAIL:			
				OD	ID	LENGTH	
				(1) 7-7/8" ROCK BIT	7-7/8	.70	
				(1) STIFF MOTOR	6.-3/4	31.82	
				(1) NMPC	6-3/4	3-1/4	20.01
				(1) UBHO	6-5/16	2-7/8	2.89
				(1) NMDC CARRIER	6-9/16	3-5/16	29.44
				(1) NMDC	6-3/4	2-7/8	29.05
				(1) X-OVER	6-7/16	3.00	2.08
				(3) HWDP	5.00	2-7/8	91.83
				TOTAL LENGTH=(207.82 )			

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Report Date	Time From	Time To	Duration (hr)	Operation									
8/6/25	6:15	11:30	5.25	<p><b>WASH DOWN TAG CEMENT 565'. D/O CMT TO 609'.</b>  THERE WAS WOOD IN RETURNS, HARD CEMENT. ROP FAIL HARD TO 1' TO 3' AN HOUR.  MADE DISSION TO POOH INS BIT &amp; TOOLS.</p> <p>W/T 8.6 VIS 27.  ROP 15FT/HR .  PUMP RATE 340 GPM  TORQUE 0.80FT/LB  WOB 1.5 PSI 220PSI</p>									
8/6/25	11:30	12:30	1	POOH SIDEWAYS LD BHA, INPS BIT EVERY THINGS LOOK FINE. INFORM ENGINEER									
8/6/25	12:30	13:30	1	RUN BACK IN HOLE, PIC-UP STABILAZER RAN STABILAZER ON TOP.									
8/6/25	13:30	17:30	4	<p><b>F/ DRILL CEMENT 607' TO 635'</b>  STILL ON HARD CEMENT SAMPLES 5'</p> <p>W/T 8.6 VIS 27.  ROP 5FT/HR .  PUMP RATE 340 GPM  TORQUE 0.80FT/LB  WOB 1.5 PSI 220PSI</p>									
8/6/25	17:30	17:45	0.25	CREW CHANGE									
8/6/25	17:45	0:00	6.25	<p><b>F/ DRILL CEMENT 607' TO 665'</b>  STILL ON HARD CEMENT SAMPLES 5'  DRILL CEMENT FROM 630'-665' AT 1' PER HR. ROP INCREASE W/ 18.2 ROP 1.4 ON BIT. CONT D/O 665'-708. GETTING OFF HOLE AT 630'. SURVEY AT 740 MUD DEPTH.</p> <p>W/T 8.6 VIS 27.  ROP 19.3FT/HR .  PUMP RATE 340 GPM  TORQUE 0.965FT/LB  WOB 1.4 PSI 230PSI</p> <table border="0"> <tr> <td>DEPTH</td> <td>INC</td> <td>AZM</td> <td>TVD</td> </tr> <tr> <td>642</td> <td>0.62</td> <td>304.98</td> <td>641.99</td> </tr> </table>		DEPTH	INC	AZM	TVD	642	0.62	304.98	641.99
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642	0.62	304.98	641.99										

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8/7/25	0:00	3:15	3.25	CONTINUE D/O 708' TO 740'. CIR BOTTOMS UP.	
				DEPTH	INC
				679.00	0.84
				313.15	678.98
				AZM	TVD
8/7/25	3:15	4:30	1.25	TOH LD 12 JOINTS DP AND BHA.	
8/7/25	4:30	5:30	1	MU 7-7/8" BIT, UBHO. TIH RUNNING SURVEY EVERY 45'.	
8/7/25	5:30	5:45	0.25	CREW CHANGE / JSA	
8/7/25	5:45	7:15	1.50	CONTINUE TIH TAKEN SURVEYS EVERY 10' TO 740'.	
8/7/25	7:15	7:45	0.50	POOH LD DP & BHA ( THERE IS NO SIGN OF ANY SCARING ON TOOLS OUR BIT )	
8/7/25	7:45	10:00	2.25	PU 1.5 BENT MOTOR, & 7 7/8 ROCK BIT & TOOLS, RIH TO 740'	
8/7/25	10:00	11:00	1	F/ DRILL FROM 740' TO 772' SLIDE 12' ROT 20' ONE PUMP AT 340 GPM 3.5 ON BIT, WE GOT 60 ROP ON SLIDE & 50 ROP ON ROTATING. ( MADE DISSION TO POOH, RIH WITH TOOLS TO CHECK SHOT SERVEYS ON BOTTOM ) SAMPLES STILL SHOW NEW FORMATION	
8/7/25	11:00	11:45	0.75	POOH LD BHA, & MOTOR	
8/7/25	11:45	13:00	1.25	PU RIH TO TO 772'	
8/7/25	13:00	14:00	1	F/ DRILL FROM 772' TO 787' SURVEYS, NEED JUST A LITTLE BUMP TO 160 AZM MOTOR IS GIVING A 3.7 MOTOR YIELD MD INC AZM TVD 690' .88 317.55 689.99 700' .92 318.87 699.99 710' .97 321.85 709.98 720' .88 317.28 719.98 725' .92 317.81 724.98 757' .53 335.04 756.98 766' .44 321.41 765.98	
8/7/25	14:00	15:00	1	POOH LD BHA	
8/7/25	15:00	16:00	1	PU 1.5 BENT MOTOR & BHA WITH 7 7/8 BIT RIH TO 787' PUT 12' SLIDE 140-160 AZM	
8/7/25	16:00	17:00	1	F/ DRILL FROM 787' TO 823' PUT 12' SLIDE 140 AZM ROT 20' DOWN TO 823' POOH TO SERVEY ON BOTTOM	
8/7/25	17:00	17:30	0.50	POOH LD BHA & BENT MOTOR	
8/7/25	17:30	17:45	0.25	CREW CHANGE	

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8/7/25	17:45	20:36	2.85	PU 7 7/8 BIT & JUST DDT RIH TO 823', F/ DRILL DOWN TO 823 '-830' ROP 2.6. SURVEY. MD INC AZM TVD 814 0.35 87.76 829				
8/7/25	20:36	21:30	0.90	POOH LD BHA.				
8/7/25	21:30	22:30	1	PU 1.5 BENT MOTOR & BHA WITH 7 7/8 BIT RIH TO 830'.				
8/7/25	22:30	0:00	1.50	F/ DRILL FROM 830' TO 895' PUT 10' SLIDE 84.64 AZM ROT 55' DOWN TO 888' POOH TO SERVEY ON BOTTOM  MD INC AZM 805.00 0.35 84.64 816.00 0.35 101.25 842.00 0.62 127.88  830 0.35 87.76 829				
8/8/25	0:00	5:30	5.50	F/ DRILL FROM 895' TO 1116'  SLID 1079'-1084'. F/158 DEG. MD INC AZM TVD 860.00 0.75 136.67 859.98 882.00 0.70 135.79 881.98 904.00 0.70 127.09 903.97 926.00 0.62 119.97 925.97 949.00 0.62 131.22 948.97 971.00 0.70 124.71 970.97 993.00 0.79 117.42 992.97 1017.00 0.66 109.77 1016.98 1038.00 0.				
8/8/25	5:30	5:45	0.25	CREW CHANGE / JSA				
8/8/25	5:45	7:15	1.50	F/ DRILL FROM 1116' TO 1187'  100% FORMATION, NO SIGN OF ANY OIL OUR GAS  MD INC AZM TVD 1060 .97 111.18 1059.96 1082 1.01 124.28 1081.96 1105 1.36 127.79 1104.95 1127 1.10 124.80 1126.95				
8/8/25	7:15	8:00	0.75	CIRC BOTTOMS UP				

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8/8/25	8:00	10:30	2.50	WAIT ON ORDERS ATTEMP TO INFORM TEAM IN DENVER ABOUT NOT GETTING INTO OPEN HOLE. ENGINEER CALLED FOR A LOG, GOT INFORMED TO DRILL DOWN TO 2000' TO LOG WELL.	
8/8/25	10:30	17:30	7	<b>F/ DRILL FROM 1187' TO 1400'</b>  ONE PUMP 340 GPM / 325 PSI 5K ON BIT / 1200 TORQE  MD    INC    AZM    TVD 1149 .62  139.04 1148.95 1171 .53  164.79 1170.94 1193 .35  183.69 1192.94 1215 .44  147.99 1214.94 1237 .48  167.43 1236.94 1260 .40  164.71 1259.94 1282 .44  155.04 1281.94 1304 .48  176.48 1303.94	
8/8/25	17:30	17:45	0.25	CREW CHANGE	
8/8/25	17:45	0:00	6.25	<b>F/ DRILL FROM 1400" TO 1565'</b>  ONE PUMP 340 GPM / 325 PSI 5K ON BIT / 1200 TORQE / ROP 30.4  MD                    INC                    AZM                    TVD 1326.00 0.31 161.37 1325.94 1349.00 0.53 175.78 1348.94 1371.00 0.48 154.51 1370.94 1393.00 0.53 174.55 1392.94 1415.00 0.57 163.91 1414.94 1438.00 0.44 185.80 1437.94 1460.00 0.40 178.94 1459.94 1483.00 0.53 169.54 1482.93	

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Report Date	Time From	Time To	Duration (hr)	Operation				
8/9/25	0:00	5:30	5.50	<b>F/ DRILL FROM 1400" TO 1739'</b>  ONE PUMP 340 GPM / 325 PSI 5K ON BIT / 1200 TORQE / ROP 30.4  MD                    INC                    AZM                    TVD 1505.00 0.53 164.97 1504.93 1527.00 0.62 175.60 1526.93 1549.00 0.57 169.98 1548.93 1572.00 0.53 186.94 1571.93 1594.00 0.44 189.40 1593.93 1616.00 0.62 175.52 1615.93 1638.00 0.62 175.52 1676.92				
8/9/25	5:30	5:45	0.25	CREW CHANGE / JSA				
8/9/25	5:45	18:30	12.75	<b>F/ DRILL FROM 1739' TO 1989'</b>  ONE PUMP 340 GPM / 325 PSI 5K ON BIT / 1200 TORQE / ROP 30.4  MD                    INC                    AZM                    TVD 1661.00 0.53 168.84 1660.93 1683.00 0.20 167.25 1682.93 1706.00 0.40 160.25 1705.92 1728.00 0.62 175.69 1727.92 1750.00 0.70 162.24 1749.92 1772.00 0.40 192.21 1771.92 1795.00 0.26 223.94 1794.92 1817.00 0.40 277.73 1816.92 1839.00 0.44 259.45 1838.92 1861.00 0.48 241.79 1860.92 1883.00 0.44 232.56 1882.92 1905.00 0.44 223.59 1904.92 1928.00 0.32 235.46 1927.92 1947.00 0.26 262.09 1946.92 2000.00 0.26 262.09 1999.92				
8/9/25	18:30	18:45	0.25	CREW CHANGE / JSA				
8/9/25	18:45	19:20	0.58	<b>F/ DRILL FROM 1989' TO 2000'</b>  ONE PUMP 340 GPM / 325 PSI 5K ON BIT / 1200 TORQE / ROP 30.4  MD                    INC                    AZM                    TVD				
8/9/25	19:20	19:42	0.37	CIRCULATE 2X BOTTOMS UP.				

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8/9/25	19:42	22:00	2.30	TOH LD 41 JOINTS DRILLPIPE AND BHA.	
8/9/25	22:00	0:00	2	WAIT ON WIRELINE UNIT.	
8/10/25	0:00	12:00	12	(P&A RE-ENTRY OPS) WAIT ON WIRELINE FOR ACOUSTIC LOG. RIG STANDBY	
8/10/25	12:00	17:30	5.50	HELD TAIL GATE S/M, RU SLB WIRELINE TRUCK, PU TOOLS. RIH TAG BOTTOM 2008' LOG COMING OUT TO SHOE. RD WIRELINE	
8/10/25	17:30	17:45	0.25	CREW CHANGE	
8/10/25	17:45	20:00	2.25	RIH OPEN ENDED TO 2008' W/ 45 JTS 4.5 DP	
8/10/25	20:00	20:30	0.50	CIRC 1X BOTTOMS UP	
8/10/25	20:30	21:30	1	BAD WEATHER AND LIGHTNING.	
8/10/25	21:30	23:50	2.33	CEMENT TRUCK STUCK IN SAND. WAIT FOR DOZER OPERATOR TO ARRIVE.	
8/11/25	0:00	0:15	0.25	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/11/25	0:15	1:00	0.75	PUMP 376 SX, 1.18 PPG 15.8 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 988 FT, BOC 2003 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (PERF): 0 FT, TOP (PERF): 0 FT, TOC IN CSG: 0FT	
8/11/25	1:00	2:00	1	TOH LD 32 JOINTS. 13 JOINTS IN HOLE AT 578'.	
8/11/25	2:00	2:30	0.50	TURN HOLE 2X VOLUME.	
8/11/25	2:30	5:00	2.50	WOC.	
8/11/25	5:00	5:30	0.50	TIH TAG TOP OF CEMENT 858'.	
8/11/25	5:30	5:45	0.25	CREW CHANGE / JSA	
8/11/25	5:45	6:00	0.25	CIRC 1X BOTTOMS UP	
8/11/25	6:00	6:15	0.25	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/11/25	6:15	6:30	0.25	PUMP 100 SX SX, 1.18 PPG 15.8 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 594 FT, BOC 858 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (PERF): 0 FT, TOP (PERF): 0 FT, TOC IN CSG: 0FT	
8/11/25	6:30	7:00	0.50	POOH TO 222'	
8/11/25	7:00	7:15	0.25	CIRC 1X BOTTOMS UP ( NO CEMENT BACK )	
8/11/25	7:15	8:00	0.75	POOH LD ALL ALL DP	

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8/11/25	8:00	9:30	1.50	PU NEW VERAL 7 7/8 ROCK BIT, MAKE UP 15 BENT MOTOR, MAKE UP & BHA.  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 ) 3-HWDP 5" ( 92.14 )									
8/11/25	9:30	10:30	1	WAIT ON CEMENT									
8/11/25	10:30	11:15	0.75	PIC UP RIH TAG TOC AT 571'									
8/11/25	11:15	17:30	6.25	WAIT ON K&M & SLB FOR TARGETS / ALSO LET CEMENT GET HARDER									
8/11/25	17:30	17:45	0.25	CREW CHANGE / JSA									
8/11/25	17:45	20:00	2.25	PLOT PLAN. SCRIB IN HOLE TO 571'. 18:26. DRILL SE 571 TO CASING SHOE 610'. SLIDE 1.5DEG 618'-633' 15' 160DEG SE. 643' ROTATE CONTINUE 1.5DEG TO 660'. SURVEY.  F/ DRILL FROM 571' TO 660'  <table border="0"> <tr> <td>MD</td> <td>INC</td> <td>AZM</td> <td>TVD</td> </tr> <tr> <td>653</td> <td>0.26</td> <td>57.24</td> <td>597</td> </tr> </table>		MD	INC	AZM	TVD	653	0.26	57.24	597
MD	INC	AZM	TVD										
653	0.26	57.24	597										
8/11/25	20:00	20:45	0.75	TOH WITH 10 JOINTS AND BHA #5.  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 ) 3-HWDP 5" ( 92.14 )									

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8/11/25	20:45	22:15	1.50	PU BHA #3 AND 10 JOINT DP.  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 )  SURVEY: MD                    INC                    AZM                    TVD 638                    0.26                    300.58                    637.99				
8/11/25	22:15	23:00	0.75	TOH WITH BHA #3 AND 10 JOINTS.  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 ) 3-HWDP 5" ( 92.14 )				
8/11/25	23:00	0:00	1	TIH SCRIBBING IN WITH BHA #5 AND 10 JOINTS.  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 ) 3-HWDP 5" ( 92.14 )				
8/12/25	0:00	1:57	1.95	CONT SLID 12', 653'-665'. ROTATE DRILL TO 696'.  MD                    INC                    AZM                    TVD BAD SURVEY.				

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8/12/25	1:57	3:11	1.23	TOH W/ 11 JOINTS AND BHA #5  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 ) 3-HWDP 5" ( 92.14 )				
8/12/25	3:11	3:49	0.63	TIH WITH BHA #3 AND 11 JOINTS.  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 )  MD                    INC                    AZM                    TVD 682                    1.14                    301.99                    681.99				
8/12/25	3:49	4:26	0.62	TOH WITH 11 JOINTS AND BHA #3.				
8/12/25	4:26	5:30	1.07	TIH W/ 11 JOINTS AND BHA #5  BIT ( VERAL ) 7 7/8 ROCK BIT ( 1' ) MOTOR 6.75 7/8, 5.7, .024RPM ( 32.09 ) NMPC 6.75 ( 20.01 ) UBHO 6.312( 2.89 ) NMDC CARRIER 6.562 ( 29.44 ) NMDC 6.75 ( 29.05 ) X/O 6.437 ( 2.08 ) 3-HWDP 5" ( 92.14 )				
8/12/25	5:30	5:45	0.25	CREW CHANGE / JSA				

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM			
Project:	COLORADO - WELD			Site:	T03N-R62W-S20			
Event:	ABANDONMENT			Rig Name:	ENSIGN 122			
Start Date:	8/5/25			End Date:	8/29/25			
Datum:	RKB @ 4679			Well UWI:	0512319588			
Report Date	Time From	Time To	Duration (hr)	Operation				
8/12/25	5:45	17:30	11.75	<b>F/ DRILL FROM 698' - 930'</b> SLIDE, WORK ON STAYING ON TARGET. ONE PUMP AT 330 GPM MAX 3K ON BIT .750 TORQUE, AVE 19 ROP ROTARY AT 37 MD            INC            AZM            TVD 682.00 1.14 301.99 681.99 707.00 0.70 299.44 706.98 727.00 0.57 307.88 726.98 749.00 0.44 296.10 748.98 772.00 0.40 267.54 771.98 794.00 0.40 275.71 793.98 817.00 0.44 263.93 816.98 839.00 0.26 267.89 838.98				
8/12/25	17:30	17:45	0.25	CREW CHANGE / S/M JSA				
8/12/25	17:45	0:00	6.25	<b>F/ DRILL FROM 930' - 991'</b> . SLIDE, WORK ON STAYING ON TARGET. ONE PUMP AT 340 GPM MAX 3.4 ON BIT .750 TORQUE, AVE 19 ROP ROTARY AT 38  (SLID 5'. 968'-973') (SLID 5'. 987'-992')  MD            INC            AZM            TVD 861.00 0.22 262.35 860.98 883.00 0.18 228.69 882.98 905.00            0.31            203.03            904.98 927.00            0.35            192.48            926.98				
8/13/25	0:00	5:30	5.50	<b>F/ DRILL FROM 991' - 1070'</b> . SLIDE, WORK ON STAYING ON TARGET. ONE PUMP AT 340 GPM MAX 3.4 ON BIT .750 TORQUE, AVE 19 ROP ROTARY AT 38 (1010'-1015')  MD            INC            AZM            TVD 950.00            0.35            204.70            948.98				
8/13/25	5:30	5:45	0.25	CREW CHANGE / S/M				

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM																																																				
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Report Date	Time From	Time To	Duration (hr)	Operation																																																					
8/13/25	5:45	17:30	11.75	<p>F/ DRILL FROM 1070' - 1275'. SLIDE, WORK ON STAYING ON TARGET.  ONE PUMP AT 340 GPM  MAX 3.4 ON BIT  .905 TORQUE, AVE 19 ROP  ROTARY AT 33  ( THERE WAS A INCREASE ROP AT 1204' TO 1212' WORK &amp; REAM SPOT,  ALSO W/T ON BIT WAS ALL OVER AT THIS DEPTH )  VIS 29 / M/W 8.9 / LOW GRAVE SOLIDS ARE COMING FILL TANKS.</p> <table border="0"> <thead> <tr> <th>MD</th> <th>INC</th> <th>AZM</th> <th>TVD</th> </tr> </thead> <tbody> <tr><td>972.00</td><td>0.40</td><td>221.83</td><td>971.98</td></tr> <tr><td>994.00</td><td>0.22</td><td>249.08</td><td>993.98</td></tr> <tr><td>1016.00</td><td>0.13</td><td>323.00</td><td>1015.98</td></tr> <tr><td>1039.00</td><td>0.22</td><td>283.45</td><td>1038.98</td></tr> <tr><td>1061.00</td><td>0.09</td><td>306.56</td><td>1060.98</td></tr> <tr><td>1083.00</td><td>0.13</td><td>305.51</td><td>1082.98</td></tr> <tr><td>1105.00</td><td>0.22</td><td>273.95</td><td>1104.98</td></tr> <tr><td>1128.00</td><td>0.44</td><td>289.77</td><td>1127.98</td></tr> <tr><td>1150.00</td><td>0.48</td><td>294.17</td><td>1149.98</td></tr> <tr><td>1172.00</td><td>0.18</td><td>321.50</td><td>1171.98</td></tr> <tr><td>1177.00</td><td>0.29</td><td>48.50</td><td>1176.98</td></tr> <tr><td>1214.00</td><td>0.29</td><td>48.50</td><td>1213.98</td></tr> </tbody> </table>		MD	INC	AZM	TVD	972.00	0.40	221.83	971.98	994.00	0.22	249.08	993.98	1016.00	0.13	323.00	1015.98	1039.00	0.22	283.45	1038.98	1061.00	0.09	306.56	1060.98	1083.00	0.13	305.51	1082.98	1105.00	0.22	273.95	1104.98	1128.00	0.44	289.77	1127.98	1150.00	0.48	294.17	1149.98	1172.00	0.18	321.50	1171.98	1177.00	0.29	48.50	1176.98	1214.00	0.29	48.50	1213.98
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8/13/25	17:30	17:45	0.25	CREW CHANGE / S/M																																																					
8/13/25	17:45	21:19	3.57	<p>F/ DRILL FROM 1275' - 1343'. SLIDE, WORK ON STAYING ON TARGET.  ONE PUMP AT 340 GPM  MAX 3.4 ON BIT  .905 TORQUE, AVE 19 ROP  ROTARY AT 33  VIS 29 / M/W 8.9</p> <table border="0"> <thead> <tr> <th>MD</th> <th>INC</th> <th>AZM</th> <th>TVD</th> </tr> </thead> <tbody> <tr><td>1217</td><td>0.18</td><td>23.90</td><td>1216.98</td></tr> <tr><td>1294</td><td>0.13</td><td>55.37</td><td>1193.98</td></tr> <tr><td>1239</td><td>0.09</td><td>26.63</td><td>1238.98</td></tr> <tr><td>1261</td><td>0.04</td><td>31.11</td><td>1260.98</td></tr> <tr><td>1283</td><td>0.04</td><td>38.85</td><td>1282.98</td></tr> </tbody> </table>		MD	INC	AZM	TVD	1217	0.18	23.90	1216.98	1294	0.13	55.37	1193.98	1239	0.09	26.63	1238.98	1261	0.04	31.11	1260.98	1283	0.04	38.85	1282.98																												
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8/13/25	21:19	22:36	1.28	TOH WITH 26 JOINTS DP AND BHA #5.																																																					

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM
Project:	COLORADO - WELD			Site:	T03N-R62W-S20
Event:	ABANDONMENT			Rig Name:	ENSIGN 122
Start Date:	8/5/25			End Date:	8/29/25
Datum:	RKB @ 4679			Well UWI:	0512319588
Report Date	Time From	Time To	Duration (hr)	Operation	
8/13/25	22:36	0:00	1.40	MU BHA #3 UBHO. TIH WITH 28 JOINTS 1223'. SURVEY. 1223' 1243' 1263' 1303'	
8/14/25	0:00	0:05	0.08	CONTINUE SURVEY WITH BHA #3 UBHO 1342'	
8/14/25	0:05	1:00	0.92	TOH WITH 29 JOINTS AND UBHO BHA #3.	
8/14/25	1:00	2:00	1	MU BHA #5 BENT 1.5" MOTOR. TIH REAM 1238'-1343'. SURVEY 1286'.	
8/14/25	2:00	5:30	3.50	F/ DRILL FROM 1343' - 1405'. SLIDE, WORK ON STAYING ON TARGET. ONE PUMP AT 357 GPM MAX 4.1 ON BIT .871 TORQUE, AVE 14.2 ROP ROTARY AT 43 VIS 30 / M/W 8.9	
8/14/25	5:30	5:45	0.25	CREW CHANGE / JSA	
8/14/25	5:45	11:30	5.75	F/ DRILL FROM 1343' - 1456'. FELL IN TO OPEN HOLE, SLIDE, WORK ON STAYING ON TARGET. 1455' - 1795' TAG SOMETHING, DRILL DOWN TO 1833' CEMENT ON RETURNS, SERVEY SHOWS 10' AWAY FROM PILOT HOLE. ONE PUMP AT 357 GPM MAX 4.1 ON BIT .871 TORQUE, AVE 14.2 ROP ROTARY AT 43 VIS 32 / M/W 9.2	
8/14/25	11:30	13:00	1.50	POOH SIDEWAYS, LD BHA, BREAK BIT LOOK GOOD	
8/14/25	13:00	14:30	1.50	PU RIH WITH BIT & BIT SUB, MAKE UP TOOLS, RIH TO 1833' SURVEY, LOOK LIKE WE ARE STILL VERTICAL.	
8/14/25	14:30	17:30	3	F/ DRILL FROM 1833' - '2100. . 1455' - 1795' TAG SOMETHING, DRILL DOWN TO 1833' CEMENT ON RETURNS, SERVEY SHOWS 10' AWAY FROM PILOT HOLE. ONE PUMP AT 357 GPM MAX 3.ON BIT / 0 WHEN WASING DOWN .871 TORQUE, AVE 199 ROP ROTARY AT 60 VIS 31 / M/W 9.0	
8/14/25	17:30	17:45	0.25	RIG CREW CHANGE / S/M	

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM																																																																			
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8/14/25	17:45	0:00	6.25	<p>F/ DRILL FROM 2100' -3561' .  SERVEY EVERY100'.  ONE PUMP AT 488 GPM  MAX 0.0ON BIT / 0 WHEN WASING DOWN  .975 TORQUE, AVE 313 ROP  ROTARY AT 60  VIS 31 / M/W 9.0</p> <table border="1"> <thead> <tr> <th>MD</th> <th>INC</th> <th>AZM</th> <th>TVD</th> </tr> </thead> <tbody> <tr><td>2193</td><td>0.35</td><td>121.46</td><td>2192.95</td></tr> <tr><td>2282</td><td>0.18</td><td>148.62</td><td>2281.95</td></tr> <tr><td>2460</td><td>0.09</td><td>204.87</td><td>2370.95</td></tr> <tr><td>2549</td><td>0.26</td><td>183.51</td><td>2548.95</td></tr> <tr><td>2639</td><td>0.44</td><td>173.32</td><td>2638.95</td></tr> <tr><td>2728</td><td>0.40</td><td>223.59</td><td>2787.67</td></tr> <tr><td>2817</td><td>0.40</td><td>217.62</td><td>2816.94</td></tr> <tr><td>2907</td><td>0.40</td><td>225.88</td><td>2906.94</td></tr> <tr><td>2996</td><td>0.22</td><td>194.59</td><td>2995.94</td></tr> <tr><td>3085</td><td>0.40</td><td>131.04</td><td>3084.94</td></tr> <tr><td>3174</td><td>1.36</td><td>60.47</td><td>3173.93</td></tr> <tr><td>3263</td><td>1.36</td><td>60.47</td><td>3262.92</td></tr> <tr><td>3352</td><td>0.97</td><td>76.90</td><td>3351.94</td></tr> <tr><td>3451</td><td>1.19</td><td>83.49</td><td>3440.89</td></tr> <tr><td>3530</td><td>1.05</td><td>97.47</td><td>3529.87</td></tr> </tbody> </table>					MD	INC	AZM	TVD	2193	0.35	121.46	2192.95	2282	0.18	148.62	2281.95	2460	0.09	204.87	2370.95	2549	0.26	183.51	2548.95	2639	0.44	173.32	2638.95	2728	0.40	223.59	2787.67	2817	0.40	217.62	2816.94	2907	0.40	225.88	2906.94	2996	0.22	194.59	2995.94	3085	0.40	131.04	3084.94	3174	1.36	60.47	3173.93	3263	1.36	60.47	3262.92	3352	0.97	76.90	3351.94	3451	1.19	83.49	3440.89	3530	1.05	97.47	3529.87
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8/15/25	0:00	5:30	5.50	<p>F/ DRILL FROM 3561' -4615' .  SERVEY EVERY100'.  ONE PUMP AT 488 GPM  MAX 0.0ON BIT / 0 WHEN WASING DOW  TORQUE, 1.619. AVE 348 ROP  ROTARY AT 51  VIS 31 / M/W 9.0</p> <table border="1"> <thead> <tr> <th>MD</th> <th>INC</th> <th>AZM</th> <th>TVD</th> </tr> </thead> <tbody> <tr><td>3619</td><td>1.14</td><td>95.80</td><td>3618.85</td></tr> <tr><td>3723</td><td>1.14</td><td>118.56</td><td>3722.94</td></tr> <tr><td>3797</td><td>1.23</td><td>116.63</td><td>3796.81</td></tr> <tr><td>3886</td><td>1.19</td><td>123.57</td><td>3885.79</td></tr> <tr><td>3975</td><td>1.14</td><td>111.79</td><td>3974.78</td></tr> <tr><td>4064</td><td>1.27</td><td>113.20</td><td>4063.76</td></tr> <tr><td>4153</td><td>1.14</td><td>110.30</td><td>5152.74</td></tr> <tr><td>4330</td><td>0.92</td><td>91.76</td><td>4329.71</td></tr> <tr><td>4419</td><td>0.79</td><td>108.19</td><td>4418.70</td></tr> <tr><td>4508</td><td>0.66</td><td>12964</td><td>4507.69</td></tr> </tbody> </table>					MD	INC	AZM	TVD	3619	1.14	95.80	3618.85	3723	1.14	118.56	3722.94	3797	1.23	116.63	3796.81	3886	1.19	123.57	3885.79	3975	1.14	111.79	3974.78	4064	1.27	113.20	4063.76	4153	1.14	110.30	5152.74	4330	0.92	91.76	4329.71	4419	0.79	108.19	4418.70	4508	0.66	12964	4507.69																				
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8/15/25	5:45	12:15	6.50	<p>F/ DRILL FROM 4615' -6347' .  OIL AND GAS WHEN WASHING DOWN / RUNNING ON GAS BUSTER / FLAIR OFF GAS  SERVEY EVERY100'.  ONE PUMP AT 488 GPM  MAX 0.0ON BIT / 0 WHEN WASING DOWN  .975 TORQUE, AVE 500 ROP  ROTARY AT 60  VIS 39 / M/W 9.0</p> <table border="1"> <thead> <tr> <th>MD</th> <th>INC</th> <th>AZM</th> <th>TVD</th> </tr> </thead> <tbody> <tr><td>4597.00</td><td>0.75</td><td>117.42</td><td>4596.68</td></tr> <tr><td>4686.00</td><td>0.75</td><td>135.96</td><td>4685.68</td></tr> <tr><td>4775.00</td><td>0.88</td><td>130.08</td><td>4774.67</td></tr> <tr><td>4864.00</td><td>0.75</td><td>115.05</td><td>4863.66</td></tr> <tr><td>4953.00</td><td>0.75</td><td>122.52</td><td>4952.65</td></tr> <tr><td>5042.00</td><td>0.35</td><td>150.12</td><td>5041.65</td></tr> <tr><td>5131.00</td><td>0.53</td><td>173.76</td><td>5130.64</td></tr> <tr><td>5220.00</td><td>0.48</td><td>179.91</td><td>5219.64</td></tr> <tr><td>5310.00</td><td>0.31</td><td>205.75</td><td>5309.64</td></tr> <tr><td>5398.00</td><td>0.31</td><td>248.64</td><td>5397.64</td></tr> <tr><td>5487.00</td><td>0.53</td><td>229.92</td><td>5486.63</td></tr> <tr><td>5576.00</td><td>0.79</td><td>233.44</td><td>5575.63</td></tr> <tr><td>5665.00</td><td>0.75</td><td>238.36</td><td>5664.62</td></tr> <tr><td>5754.00</td><td>0.70</td><td>248.11</td><td>5753.61</td></tr> <tr><td>5843.00</td><td>0.57</td><td>251.80</td><td>5842.61</td></tr> <tr><td>5932.00</td><td>0.84</td><td>238.36</td><td>5931.60</td></tr> <tr><td>6021.00</td><td>0.92</td><td>228.07</td><td>6020.59</td></tr> <tr><td>6110.00</td><td>1.49</td><td>224.82</td><td>6109.57</td></tr> <tr><td>6199.00</td><td>2.15</td><td>247.59</td><td>6198.53</td></tr> <tr><td>6288.00</td><td>1.01</td><td>156.79</td><td>6287.50</td></tr> <tr><td>6333.00</td><td>1.41</td><td>129.55</td><td>6332.49</td></tr> </tbody> </table>		MD	INC	AZM	TVD	4597.00	0.75	117.42	4596.68	4686.00	0.75	135.96	4685.68	4775.00	0.88	130.08	4774.67	4864.00	0.75	115.05	4863.66	4953.00	0.75	122.52	4952.65	5042.00	0.35	150.12	5041.65	5131.00	0.53	173.76	5130.64	5220.00	0.48	179.91	5219.64	5310.00	0.31	205.75	5309.64	5398.00	0.31	248.64	5397.64	5487.00	0.53	229.92	5486.63	5576.00	0.79	233.44	5575.63	5665.00	0.75	238.36	5664.62	5754.00	0.70	248.11	5753.61	5843.00	0.57	251.80	5842.61	5932.00	0.84	238.36	5931.60	6021.00	0.92	228.07	6020.59	6110.00	1.49	224.82	6109.57	6199.00	2.15	247.59	6198.53	6288.00	1.01	156.79	6287.50	6333.00	1.41	129.55	6332.49
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8/15/25	12:15	12:45	0.50	CIRC BOTTOMS UP, CIRC GAS OUT																																																																																									
8/15/25	12:45	13:30	0.75	WIPER TRIP 1000' PULL TO 5300'																																																																																									
8/15/25	13:30	14:30	1	BACK TO BOTTOMS / NO SIGNS OF ANY TIGHT SPOTS																																																																																									
8/15/25	14:30	15:15	0.75	CIRC BOTTOMS UP, LITTLE GAS ON CIRC																																																																																									
8/15/25	15:15	21:30	6.25	POOH TO TIGHT SPOT 1441'. WORK PIPE FREE. REAM 1420'-1460' CONT TOH LD ALL BHA, BREAK BIT.																																																																																									
8/15/25	21:30	0:00	2.50	TIH WITH 142 JOINTS TO 5032'.																																																																																									
8/16/25	0:00	1:00	1	CONTINUE TIH TO JOINT 142 AT 6320'. TAG FILL 6292'. CIR DOWN TO 6320'.																																																																																									
8/16/25	1:00	1:30	0.50	TURN HOLE OVER TO CLEAN SHACKERS.																																																																																									

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM
Project:	COLORADO - WELD			Site:	T03N-R62W-S20
Event:	ABANDONMENT			Rig Name:	ENSIGN 122
Start Date:	8/5/25			End Date:	8/29/25
Datum:	RKB @ 4679			Well UWI:	0512319588
Report Date	Time From	Time To	Duration (hr)	Operation	
8/16/25	1:30	1:48	0.30	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/16/25	1:48	2:18	0.50	PUMP 200 SX, 1.53 PPG 15.8 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 5717 FT, BOC 6320 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (PERF): 0 FT, TOP (PERF): 0 FT, TOC IN CSG: 0FT	
8/16/25	2:18	3:15	0.95	TOH LD 22 JOINTS TO JOINT 120 AT 5502'. TOP OF CALCULATED CEMENT 5717'.	
8/16/25	3:15	4:30	1.25	TURN HOLE OVER 2X 596BBLs.	
8/16/25	4:30	6:18	1.80	WOC.	
8/16/25	6:18	6:45	0.45	TIH TAG TOC 5370'. TOH LD 22 JOINTS TO JOINT 99 AT 4407'.	
8/16/25	6:45	7:00	0.25	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/16/25	7:00	7:30	0.50	PUMP 286 SX, 15.8 PPG 1.18 CF/SX CLASS G CEMENT, (SUSX BLEND) BALANCE PLUG: (YES), TOC 3666 FT, BOC 4407 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (OH): 4407 FT, TOP (NA): 0 FT, TOC IN CSG: 0FT	
8/16/25	7:30	8:15	0.75	POOH LD 20 JTS TO 3518'	
8/16/25	8:15	8:30	0.25	TURN HOLE OVER 2X	
8/16/25	8:30	10:30	2	WOC.	
8/16/25	10:30	11:15	0.75	TIH TAG TOC 3666'. TOH LD 24 JOINTS TO 2314' W/ 52 JTS IN.	
8/16/25	11:15	11:30	0.25	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/16/25	11:30	11:45	0.25	PUMP 211 SX, 15.8 PPG 1.17 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 1793 FT, BOC 2314 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (OH): 2314 FT, TOP (NA): 0 FT, TOC IN CSG: 0FT	
8/16/25	11:45	12:30	0.75	POOH LD 20 JTS TO 1380'	
8/16/25	12:30	13:00	0.50	TURN HOLE OVER 2X	

Well:	HSR-LOST CREEK STATE 13-20			Spud Date:	4/20/1998 12:00:00 AM
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Start Date:	8/5/25			End Date:	8/29/25
Datum:	RKB @ 4679			Well UWI:	0512319588
Report Date	Time From	Time To	Duration (hr)	Operation	
8/16/25	13:00	15:00	2	WOC	
8/16/25	15:00	15:30	0.50	TIH TAG TOC 1838'. TOH LD 6 JOINTS TO 1602' W/ 36 JTS IN.	
8/16/25	15:30	15:45	0.25	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/16/25	15:45	16:30	0.75	PUMP 280 SX, 15.8 PPG 1.17 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 755 FT, BOC 1602 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (OH): 1865 FT, TOP (NA): 0 FT, TOC IN CSG: 0FT	
8/16/25	16:30	17:00	0.50	POOH LD 18 JTS TO 801'	
8/16/25	17:00	17:30	0.50	TURN HOLE OVER 2X	
8/16/25	17:30	17:45	0.25	HELD S/M JSA CREW CHANGE	
8/16/25	17:45	18:30	0.75	POOH LD ALL DP	
8/16/25	18:30	20:00	1.50	PU 8 5/8 SCRAPER RIH TO 755, TAGGED TOC' 13 JTS. BACK OUT LD SCRAPER	
8/16/25	20:00	20:45	0.75	TIH WITH 18 JOINTS DP. 755'.	
8/16/25	20:45	21:00	0.25	MIRU CEMENTERS. HOLD JSA MEETING. CMT COMPANY: (SLB).	
8/16/25	21:00	21:30	0.50	PUMP 210 SX, 1.18 PPG 15.8 CF/SX CLASS G CEMENT, (AGM BLEND) BALANCE PLUG: (YES), TOC 0 FT, BOC 755 FT SQUEEZE: (NO), EQUIPMENT: (NONE) DEPTH: 0 FT, BOTTOM (PERF): 0 FT, TOP (PERF): 0 FT, TOC IN CSG: 0FT	
8/16/25	21:30	23:00	1.50	TOH LD 16 JOINTS. TOP OF WELL WITH 4.8BBLs. LD 2-JOINTS. TOP OFF WELL TO SURFACE.	
8/16/25	23:00	0:00	1	NU 9" BOP, FLOWCROSS AND GAS BUSTER.	
8/16/25				ALL PLUGS WHERE 100' LONG 08/16/2025	
8/16/25				ALL FLUID MIGRATION WAS ELIMINATED PRIOR TO PUMP CEMENT AT 1655. 08/16/2025	
8/16/25				NO TAG NEED CEMENT WAS PUMP TO SURFACE.	
8/17/25	0:00	12:00	12	RIG DOWN RIG / HYDRO CLEAN TANKS	
8/18/25					
8/29/25	8:00	9:00	1	DUG UP SURFACE CASING	
8/29/25	8:00	9:00	1	(VISUAL) CHECK FOR 15 MINUTES. ISOLATION CONFIRMED (YES)OTHER METHOD:	

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Datum:	RKB @ 4679			Well UWI:	0512319588
Report Date	Time From	Time To	Duration (hr)	Operation	
8/29/25	9:00	10:00	1	CUT CASING 6' BELOW GL, CEMENT AT SURFACE. CEMENT TO SURFACE.	
8/29/25	10:00	11:00	1	CAPPED CASING WITH A METAL PLATE CONTAINING WELL INFO	
8/29/25	11:00	12:00	1	BACKFILLED	