

Form	ACO1 - Well Completion
Operator	L & P Enterprises, LLC
Well Name	WISEMAN (CRAM) N5
Doc ID	1645425

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	21	21	Portland	8	50/50 POZ
Production	5.625	2.875	6.5	745	Portland	115	50/50/2



Allen's Holdings & Investments
Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083
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WELL LOG

L & P Enterprises, LLC
Wiseman #N5
API#15-121-31681-00-00
June 14, 2022- June 16, 2022

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
8	lime	15
6	shale	21
12	lime	33
12	shale	45
20	lime	65
1	shale	66
7	lime	73
1	shale	74
22	lime	96
10	shale	106
4	limey shale	110
5	shale	115
1	lime	116
5	shale	121
1	lime	122
65	shale	187
18	lime	205
5	shale	210
16	sandstone	226 grey/water
10	shale	236
5	lime	241
21	shale	262
10	sandstone	272 light grey/dry
5	shale	277
14	lime	291
16	shale	307
8	lime	315
3	sandy lime	318
1	shale	319
13	lime	332
11	shale	343
22	coal	365
3	shale	368
6	lime	374
1	shale	375
7	lime	382 bottom of KC

28	shale	410
8	oil sand	418 brown/good bleed
12	oil sand	430 grey/little to no bleed
64	shale	494
4	sandstone	498 grey/light bleed
51	shale	549
7	lime and shells	556
29	shale	585
1	coal	586
6	shale	592
16	limey shale	608
5	shale	613
3	lime	616
7	shale	623
1	coal	624
11	shale	635
4	lime	639
13	shale	652
8	limey shale	660
1	sand	661
26	shale	687
12	sandy shale	699
3	oil sand	702 light bleed
0.5	lime	702.5
0.5	broken sand	703 no bleed
1	oil sand	704 no bleed
1.5	broken sand	705.5 no bleed
4.5	oil sand	710 no bleed
3.5	limey sand	713.5 no bleed
1	oil sand	714.5 no bleed
1	limey sand	715.5 good bleed, little gas
1.5	oil sand	717 good bleed, little gas
1.5	limey sand	718.5 good bleed, little gas
36.5	shale	755 TD

Drilled a 9 7/8" to 21.5'

Drilled a 5 5/8" hole to 755'

Set 21.5' of 7" surface casing cemented with 8 sacks of cement

Set 745.8' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe

Core Times		
	<u>Minutes</u>	<u>Seconds</u>
700		50
701		40
702		45
703		54
704		40
705		36
706		38
707		39
708		41
709		39
710		45
711		51
712		47
713		50
714		33
715		41
716		38
717	1	50
718		59
719		59
720		58
721		48
722		58
723		40
724		50
725		59
726	1	9
727	1	10
728	1	2
729	1	10
730	1	15
731	1	12
732	1	9
733	1	35
734		58
735	1	2
736	1	10
737		56
738	1	18
739	1	25