

WELL NAME:	Thornton 6					OPERATOR: Extraction Oil & Gas				
FIELD:	Thornton - Wattenberg					FORMATION: Codell				
SHL:	qtr-qtr	NWSW	Section	8	Township	7N	Range	66W		
BHL:	qtr-qtr	NESE	Section	9	Township	7N	Range	66W		
COUNTY:	Weld		STATE:	CO		API:		05-213-40269		

SURFACE CASING	
SIZE:	9 5/8"
WEIGHT:	36#
GRADE:	J-55
CONNECTION:	LTC
HOLE DEPTH:	842
CSG DEPTH:	788
INCL @ SHOE:	3°
CEMENT:	350 sx 14.2 ppg
TOC:	Surface
HOLE SIZE:	13 1/2"

INTERMEDIATE CASING	
SIZE:	7"
WEIGHT:	26#
GRADE:	P-110
CONNECTION:	LTC
HOLE DEPTH:	7,973
CSG DEPTH:	7,925
INCL @ SHOE:	85°
CEMENT:	475 SX 12.7 ppg
	335 SX 13.8 ppg
TOC:	Surface
HOLE SIZE:	8 3/4"

TIE-BACK STRING	
SIZE:	
WEIGHT:	
GRADE:	
CONNECTION:	
CSG DEPTH:	

GROUND LEVEL:	5,035'
KELLY BUSHING:	24.0'
SPUD DATE:	2/4/2015
COMP DATE:	

PRODUCTION LINER	
SIZE:	4 1/2"
WEIGHT:	13.5#
GRADE:	P-110
CONNECTION:	TXP
HOLE DEPTH:	17,342
LINER TOP:	6,754
INCL @ LT:	1.2°
LINER SHOE:	17,338
CEMENT:	890 sx 13.8 ppg
TOC:	6,754
HOLE SIZE:	6 1/8"

PRODUCTION TUBING	
SIZE:	
WEIGHT:	
GRADE:	
DEPTH:	
INCL @ EOT:	

Stage	Plug Depth	Perf Cluster 1	Perf Cluster 2	Perf Cluster 3	Perf Cluster 4	Perf Cluster 5	Total ft of Perfs	SPF	# of Holes	Stage Length	Fluid (bbl)	Sand (lbs)	Stage	Plug Depth	Perf Cluster	Perf Cluster 2	Perf Cluster	Perf Cluster	Perf Cluster 5	Total ft of Perfs	SPF	# of Holes	Stage Length	Fluid (bbl)	Sand (lbs)
1		11920-25	11905-10	11895-200	11880-85	11860-65	25	6	150	5,842															
2	11,500									250															
3	11,250									250															
4	11,000									105															
5	10,895									105															
6	10,790									105															
7	10,685									105															
8	10,580									105															
9	10,475									105															
10	10,370									105															
11	10,265									105															
12	10,160									105															
13	10,055									105															
14	9,950									105															
15	9,845									105															
16	9,740									105															
17	9,635									105															
18	9,530									105															
19	9,425									105															
20	9,320									105															

422' Avg Stage Length

Frac Stimulation	
Total Fluid:	bbls
Total Sand:	lbs 40/70
	lbs 30/45 white
	lbs 20/40 resin
	lbs
	0 lbs/ft

Completion Notes
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Liner Shoe @ 17338'

MD	17,342
TVD	7,603



9 5/8" csg @ 788' (3° incl)

EOT @ ' (incl)

Liner Top @ 6754' (1.2° incl)

8 3/4" hole @ 7973'
7" csg @ 7925' (85° incl)

KOP - 6,850'

62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1