

WELL NAME:	Winder South 8					OPERATOR:	Extraction Oil & Gas				
FIELD:	Wattenberg					FORMATION:	Codell				
SHL:	qtr-qtr	SENE	Section	9	Township	6N	Range	67W			
BHL:	qtr-qtr	SWSW	Section	8	Township	6N	Range	67W			
COUNTY:	Weld		STATE:	CO		API:	05-123-43405-00				

SURFACE CASING

SIZE:	9 5/8"
WEIGHT:	J-55
GRADE:	36#
CONNECTION:	LTC
HOLE DEPTH:	1,564
CSG DEPTH:	1,556
INCL @ SHOE:	1°
CEMENT:	565sx 13.5#
TOC:	Surface
HOLE SIZE:	13 1/2"

PRODUCTION CASING

SIZE:	5 1/2"
WEIGHT:	P-110
GRADE:	20#
CONNECTION:	TTRS1
TM DEPTH:	17,248
CSG DEPTH:	17,241
CEMENT:	75 sx 11.5#
	2025x 13.2#
TOC:	900
HOLE SIZE:	7 7/8"
HARDLINE:	7,745
LATERAL LENGTH:	6,266

GROUND LEVEL:	4856
KELLY BUSHING:	25.0'
SPUD DATE:	8/16/2016
COMP DATE:	2/6/2017

TIE-BACK STRING

SIZE:	
WEIGHT:	
GRADE:	
CONNECTION:	
CSG DEPTH:	

PRODUCTION TUBING

SIZE:	2 3/8"
WEIGHT:	4.7#
GRADE:	L-80
DEPTH:	7,411
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)
TOE	17,192								0	76			33							6	6	36			
2	17,172	17157-59	17119-120	17081-82	17043-44	17005-06	6	6	36	201			34							6	6	36			
3	16,971	16956-58	16918-19	16880-81	16842-43	16804-05	6	6	36	201			35							6	6	36			
4	16,770	16755-57	16717-18	16679-80	16641-42	16603-04	6	6	36	191			36							6	6	36			
5	16,579	16558-60	16555-57	16473-74	16440-41	NO FIRE	6	6	30	255			37							6	6	36			
6	16,324	16300-02	16276-77	16252-53	16228-29	16204-05	6	6	36	156			38							6	6	36			
7	16,168	16153-55	16112-13	16077-78	16039-40	16001-02	6	6	36	201			39							6	6	36			
8	15,967	15952-54	15914-15	15876-77	15838-39	15795-96	6	6	36	200			40							6	6	36			
9	15,767	15748-50	15714-15	15675-76	15637-38	15599-00	6	6	36	203			41							6	6	36			
10	15,564	15551-53	15513-14	15475-76	15432-33	15399-00	6	6	36	199			42							6	6	36			
11	15,365	15350-52	15312-13	15274-75	15236-37	15198-99	6	6	36	192			43							6	6	36			
12	15,173	15149-51	15111-12	15070-71	15035-36	14997-98	6	6	36	209			44							6	6	36			
13	14,964	14949-51	14910-11	14872-73	14834-35	14796-97	6	6	36	216			45							6	6	36			
14	14,748	14748-50	14710-11	14674-75	14634-35	14596-97	6	6	36	186			46							6	6	36			
15	14,562	14547-49	14509-10	14471-72	14433-34	14395-96	6	6	36	201			47							6	6	36			
16	14,361	14346-48	14308-09	14270-71	14232-33	14194-95	6	6	36	200			48							6	6	36			
17	14,161	14146-48	14107-08	14069-70	14031-32	13991-92	6	6	36	201															
18	13,960	13943-45	13910-11	13869-70	13831-32	13792-93	6	6	36	201															
19	13,759	13744-46	13706-07	13668-69	13627-28	13592-93	6	6	36	201															
20	13,558	13536-38	13505-06	13467-68	13429-30	13391-92	6	6	36	201															
21	13,357	13342-44	13304-05	13266-67	13224-25	13190-91	6	6	36	200															
22	13,157	13142-44	13104-05	13066-67	13027-28	12989-90	6	6	36	195															
23	12,962	12941-43	12903-04	12860-61	12827-28	12789-90	6	6	36	207															
24	12,755	12740-42	12702-03	12664-65	12626-27	12588-89	6	6	36	197															
25	12,558	12539-41	12498-99	12464-65	12425-26	12387-88	6	6	36	204															
26	12,354	12339-41	12301-02	12262-63	12224-25	12184-85	6	6	36	201															
27	12,153	12138-40	12103-04	12062-63	12024-25	11986-87	6	6	36	201															
28	11,952	11937-39	11899-00	11861-62	11823-24	11785-86	6	6	36	201															
29	11,751	11730-32	11693-94	11660-61	11622-23	11584-85	6	6	36	200															
30	11,551	11536-38	11497-98	11459-60	11421-22	11387-88	6	6	36	201															
31	11,350	11331-33	11297-98	11259-60	11221-22	11182-83	6	6	36	201															
32	11,149	11134-36	11096-97	11058-59	11026-27	10982-83	6	6	36	167															

196' Avg Stage Length

Frac Stimulation

Total Fluid:	162,425 bbls
Total Sand:	lbs 40/70
	12,801,700 lbs 30/50 white
	lbs 20/40 resin
	12,801,700 lbs
	2043 lbs/ft

Completion Notes

\* Casing failure after 32 stages. Did not go back and finish co  
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Production Csg @ 17241'

MD	17,248
TVD	7,092

9 5/8" csg @  
1556' (1° incl)

EOT @ 7411' (incl)

KOP - 7075

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