

WELL NAME:	Winder 4				OPERATOR:	Extraction Oil & Gas	
FIELD:	Windsor - Wattenberg				FORMATION:	Codell	
SHL:	qtr-qtr	NENE	Section 9	Township 6N	Range	67W	
BHL:	qtr-qtr	NWNW	Section 8	Township 6N	Range	67W	
COUNTY:	Weld		STATE:	CO		API:	05-123-39577

SURFACE CASING	
SIZE:	9 5/8"
WEIGHT:	J-55
GRADE:	36#
CONNECTION:	STC
HOLE DEPTH:	1,528
CSG DEPTH:	1,485
INCL @ SHOE:	2°
CEMENT:	823 sx
TOC:	Surface
HOLE SIZE:	13 1/2"

PRODUCTION CASING	
SIZE:	5 1/2"
WEIGHT:	P-110
GRADE:	20#
CONNECTION:	BTC
HOLE DEPTH:	16,959
CSG DEPTH:	16,951
CEMENT:	710 sx 12#
	1246 sx 13.5#
TOC:	Surface
HOLE SIZE:	7 7/8"
LANDING POINT:	7,747
LATERAL LENGTH:	9,204

GROUND LEVEL:	4868'
KELLY BUSHING:	25.0'
SPUD DATE:	7/30/2015
COMP DATE:	

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

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)
1	16,888						OE SLEEVE		#VALUE!	171		
2	16,788	16755-57	16721-22	16688-89	16655-56	16621-22	6	6	36	200		
3	16,588	16554-56	16521-22	16488-89	16454-55	16421-22	6	6	36	200		
4	16,388	16354-55	16321-22	16287-88	16254-55	16221+22	6	6	36	201		
5	16,187	16154-56	16125-26	16087-87	16054-55	16021-22	6	6	36	200		
6	15,987	15953-55	15920-21	15887-88	15854-55	15820-21	6	6	36	203		
7	15,784	15754-56	15720-21	15687-88	15653-54	15624-25	6	6	36	197		
8	15,587	15553-55	15520-21	15487-88	15453-54	15420-21	6	6	36	200		
9	15,387	15353-55	15320-21	15286-87	15253-54	15220-21	6	6	36	201		
10	15,186	15153-55	15122-23	15086-87	15053-54	15019-21	6	6	36	200		
11	14,986	14953-55	14919-20	14886-87	14853-54	14819-20	6	6	36	198		
12	14,788	14753-55	14719-20	14686-87	14652-53	14622-23	6	6	36	202		
13	14,586	14552-54	14519-20	14486-87	14452-53	14419-20	6	6	36	201		
14	14,385	14352-54	14325-26	14285-86	14252-53	14219-20	6	6	36	200		
15	14,185	14156-58	14118-19	14085-86	14052-53	14018-19	6	6	36	195		
16	13,990	13952-54	13918-19	13885-86	13852-53	13818-19	6	6	36	205		
17	13,785	13751-53	13718-19	13685-86	13655-56	13618-19	6	6	36	200		
18	13,585	13551-53	13518-19	13484-85	13451-52	13418-19	6	6	36	201		
19	13,384	13351-53	13318-19	13290-91	13251-52	13218-19	6	6	36	200		
20	13,184	13151-53	13117-18	13084-85	13051-52	13017-18	6	6	36	200		
21	12,984	12948-50	12917-18	12884-85	12850-51	12817-18	6	6	36	194		
22	12,790	12750-52	12717-18	12684-85	12650-51	12622-23	6	6	36	206		
23	12,584	12550-52	12517-18	12483-84	12450-51	12417-18	6	6	36	201		
24	12,383	12350-52	12317-18	12283-84	12250-51	12216-17	6	6	36	200		
25	12,183	12150-52	12116-17	12088-89	12050-51	12016-17	6	6	36	200		
26	11,983	11950-52	11916-17	11883-84	11849-50	11816-17	6	6	36	200		
27	11,783	11752-54	11716-17	11683-84	11649-50	11616-17	6	6	36	201		
28	11,582	11549-61	11516-17	11482-83	11449-50	11420-21	6	6	36	200		
29	11,382	11349-51	11316-17	11282-83	11249-50	11215-16	6	6	36	200		
30	11,182	11149-51	11115-16	11085-86	11049-50	11015-16	6	6	36	200		
31	10,982	10982-84	10917-18	10882-83	10848-49	10815-16	6	6	36	202		
32	10,780	10742-44	10715-16	10682-83	10648-49	10615-16	6	6	36	201		



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)
33	10579	10548-50	10515-16	10481-82	10448-49	10413-14	6	6	36	198		
34	10381	10348-50	10314-15	10281-82	10248-49	10218-19	6	6	36	200		
35	10181	10148-50	10114-15	10081-82	10050-51	10014-15	6	6	36	200		
36	9981	9947-49	9914-15	9884-85	9847-48	9814-15	6	6	36	200		
37	9781	9747-49	9710-11	9680-81	9647-48	9614-15	6	6	36	201		
38	9580	9544-46	9514-15	9480-81	9447-48	9413-14	6	6	36	200		
39	9380	9349-51	9313-14	9280-81	9247-48	9213-14	6	6	36	202		
40	9178	9147-49	9113-14	9080-81	9046-47	9017-18	6	6	36	198		
41	8980	8946-48	8913-14	8880-81	8846-47	8817-18	6	6	36	201		
42	8779	8746-48	8713-14	8679-80	8643-44	8613-14	6	6	36	200		
43	8579	8546-48	8513-14	8479-80	8444-45	8413-14	6	6	36	200		
44	8379	8346-48	8312-13	8278-79	8246-47	8212-13	6	6	36	200		
45	8179	8145-47	8108-09	8079-80	8045-46	8012-13	6	6	36	200		
46	7979	7945-47	7912-13	7879-80	7845-46	7812-13	6	6	36	201		
47	7778	7747-49	7712-13	7678-79	7645-46	7612-13	6	6	36	200		
48	7578	7545-47	7511-12	7478-79	7445-46	7411-12	6	6	36			
milled out												

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

Completion Notes	
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Production Csg @ 16951'

MD	16,959
TVD	6,965

9 5/8" csg @ 1485' (2° incl)

EOT @ ' (incl)

KOP - 6732'

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