

WELL NAME: Winder South 10 OPERATOR: Extraction Oil & Gas
 FIELD: Wattenberg FORMATION: Niobrara
 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: 05-123-43419-00



SURFACE CASING
 SIZE: 9 5/8"
 WEIGHT: J-55
 GRADE: 36#
 CONNECTION: LTC
 HOLE DEPTH: 1,569
 CSG DEPTH: 1,556
 INCL @ SHOE: 1°
 CEMENT: 565sx 13.5#
 TOC: Surface
 HOLE SIZE: 13 1/2"

GROUND LEVEL: 4857
 KELLY BUSHING: 25.0'
 SPUD DATE: 8/20/2016
 COMP DATE: 1/24/2017

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

PRODUCTION CASING
 SIZE: 5 1/2"
 WEIGHT: P-110
 GRADE: 20#
 CONNECTION: TTRS1
 TM DEPTH: 17,355
 CSG DEPTH: 17,344
 CEMENT: 75 sx 11.5#
 2200x 13.2#
 TOC: 75
 HOLE SIZE: 7 7/8"
 HARDLINE: 7,830
 LATERAL LENGTH: 9,525

PRODUCTION TUBING
 SIZE: 2 3/8"
 WEIGHT: 4.7#
 GRADE: L-80
 DEPTH: 7,775
 INCL @ EOT: _____

9 5/8" csg @ 1556' (1° incl)

EOT @ 7775' (incl)

KOP - 7079

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 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	17,296						6	6	36	79			33	12602	12602-04	12580-51	12548-49	12525-26	12497-98	6	6	36	134		
2	17,276	17261-63	17233-34	17206-07	17178-79	17151-52	6	6	36	145			34	12468	12450-52	12426-27	12402-03	12375-76	12347-48	6	6	36	146		
3	17,131	17111-13	17083-84	17056-57	17026-27	17001-02	6	6	36	155			35	12322	12304-06	12280-81	12248-49	12225-26	12197-98	6	6	36	150		
4	16,976	16961-63	16933-34	16906-07	16878-79	16851-52	6	6	36	150			36	12172	12157-59	12130-31	12102-03	12079-80	12047-48	6	6	36	150		
5	16,826	16803-05	16783-84	16756-57	16730-31	16701-02	6	6	36	153			37	12022	12007-09	11980-81	11952-53	11925-26	11902-03	6	6	36	150		
6	16,673	16656-58	16630-31	16606-07	164578-79	16652-53	6	6	36	148			38	11872	11857-59	11829-30	11802-03	11774-75	11752-53	6	6	36	144		
7	16,525	16508-10	16483-84	16452-53	16428-29	16400-01	6	6	36	150			39	11728	11707-09	11681-82	11652-53	11624-25	11597-98	6	6	36	156		
8	16,375	16360-62	16333-34	16305-06	16278-79	16250-51	6	6	36	150			40	11572	11557-59	11529-30	11502-03	11474-75	11447-48	6	6	36	150		
9	16,225	16210-12	16183-84	16155-56	16128-29	16100-01	6	6	36	143			41	11422	11407-09	11379-80	11352-53	11326-27	11297-98	6	6	36	150		
10	16,082	16060-62	16033-34	16005-06	15978-79	15950-51	6	6	36	152			42	11272	11257-59	11229-30	11204-05	11174-75	11146-47	6	6	36	151		
11	15,930	15910-12	15885-86	15855-56	15827-28	15800-01	6	6	36	155			43	11121	11106-08	11079-80	11051-52	11024-25	10996-97	6	6	36	150		
12	15,775	15760-62	15732-33	15705-06	15677-78	15650-51	6	6	36	150			44	10971	10956-58	10928-29	10901-02	10874-75	10846-47	6	6	36	150		
13	15,625	15610-12	15582-83	15555-56	15531-32	15500-01	6	6	36	150			45	10821	10806-08	10779-80	10751-52	10724-25	10696-97	6	6	36	150		
14	15,475	15460-62	15432-33	15405-06	15377-78	15346-47	6	6	36	150			46	10671	10656-58	10629-30	10601-02	10574-75	10546-47	6	6	36	150		
15	15,325	15302-04	15282-83	15250-51	15227-28	15199-00	6	6	36	151			47	10521	10506-08	10478-79	10451-52	10423-24	10394-95	6	6	36	150		
16	15,174	15159-61	15134-35	15104-05	15077-78	15049-50	6	6	36	150			48	10371	10350-52	10328-29	10301-02	10273-74	10246-47	6	6	36	145		
17	15,024	15009-11	14982-83	14956-57	14927-28	14899-00	6	6	36	150			49	10226	10206-08	10181-82	10151-52	10123-24	10096-97	6	6	36	156		
18	14,874	14859-61	14832-33	14804-05	14772-73	14749-50	6	6	36	150			50	10070	10056-58	10028-29	10001-02	9973-74	9946-47	6	6	36	150		
19	14,724	14709-11	14682-83	14654-55	14627-28	14599-00	6	6	36	150			51	9920	9900-02	9878-79	9851-52	9823-24	9795-96	6	6	36	150		
20	14,574	14559-61	14531-32	14504-05	14476-77	14449-50	6	6	36	144			52	9770	9755-57	9724-25	9700-01	9673-74	9650-51	6	6	36	155		
21	14,430	14409-11	14381-82	14354-55	14326-27	14299-00	6	6	36	156			53	9615	9605-07	9578-79	9546-47	9523-24	9499-00	6	6	36	145		
22	14,274	14259-61	14231-32	14208-09	14176-77	14149-50	6	6	36	148			54	9470	9453-55	9428-29	9400-01	9370-71	9345-46	6	6	36	150		
23	14,126	14109-11	14081-82	14054-55	14024-25	13999-00	6	6	36	152			55	9320	9305-07	9278-79	9250-51	9223-24	9202-03	6	6	36	140		
24	13,974	13959-61	13931-32	13904-05	13876-77	NO FIRE	6	6	36	151			56	9180	9160-62	9127-28	9100-01	9072-73	9045-46	6	6	36	155		
25	13,823	13802-04	13781-82	13753-54	13726-27	13698-99	6	6	36	155			57	9025	9005-07	8970-71	8950-51	8922-23	8895-96	6	6	36	155		
26	13,668	13652-54	13628-29	13603-04	13576-77	13548-49	6	6	36	145			58	8870	8855-57	8827-28	8804-05	8772-73	8745-46	6	6	36	150		
27	13,523	13508-10	13481-82	13458-59	13426-27	13398-99	6	6	36	150			59	8720	8700-02	8677-78	8650-51	8622-23	8595-96	6	6	36	150		
28	13,373	13358-60	13331-32	13303-04	13272-73	13248-49	6	6	36	150			60	8570	8555-57	8527-28	8500-01	8472-73	8450-51	6	6	36	146		
29	13,223	13208-10	13180-81	13153-54	13125-29	13102-03	6	6	36	165			61	8424	8408-10	8377-78	8349-50	8320-21	8294-95	6	6	36	158		
30	13,058	13058-60	13030-31	13003-04	12975-76	12948-49	6	6	36	150			62	8266	8246-48	8230-31	8199-00	8172-73	8144-45	6	6	36	146		
31	12,908	12908-10	12880-81	12853-54	12825-26	12798-99	6	6	36	150			63	8120	8104-06	8077-78	8054-55	8022-23	7994-95	6	6	36	150		
32	12,758	12758-60	12730-31	12703-04	12675-76	12648-49	6	6	36	156			64	7970	7950-52	7927-28	7899-00	7878-79	7850-51	6	6	36	120		

149' Avg Stage Length

Frac Stimulation
 Total Fluid: 316,515 bbls
 Total Sand: 21,603,607 lbs 40/70
 3,998,660 lbs 30/45 white
 lbs 20/40 resin
25,602,267 lbs
2688 lbs/ft

Completion Notes
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Production Csg @ 17344'

MD 17,355
 TVD 6,984

63 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