

WELL NAME: Diamond Valley East #5  
FIELD: Windsor - Wattenberg  
SHL: qtr-qtr SWSW Section 23 Township 6N Range 67W  
BHL: qtr-qtr SWSW Section 21 Township 6N Range 67W  
COUNTY: Weld STATE: CO API: 05-123-38498

OPERATOR: Extration Oil & Gas  
FORMATION: Niobrara B Bench

SURFACE CASING  
SIZE: 9 5/8"  
WEIGHT: 36#  
GRADE: J-55  
CONNECTION: LTC  
HOLE DEPTH: 837  
CSG DEPTH: 798  
INCL @ SHOE: 2°  
CEMENT: 297 sx 14.2 ppg  
TOC: Surface  
HOLE SIZE: 12 1/4"

INTERMEDIATE CASING  
SIZE: 7"  
WEIGHT: 26#  
GRADE: P-110  
CONNECTION: BTC  
HOLE DEPTH: 7,435  
CSG DEPTH: 7,418  
INCL @ SHOE: 89°  
CEMENT: 471 sx lead  
258 sx tail  
TOC: Surface  
HOLE SIZE: 8 3/4"

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

GROUND LEVEL: 4,769'  
KELLY BUSHING: 24.0'  
SPUD DATE: 8/11/2014  
COMP DATE:

PRODUCTION LINER  
SIZE: 4 1/2"  
WEIGHT: 13.5#  
GRADE: P-110  
CONNECTION: BTC  
HOLE DEPTH: 16,790  
LINER TOP: 7,227  
INCL @ LT: 81°  
LINER SHOE: 16,786  
CEMENT: 765 sx 13.8 ppg  
TOC: 7,227  
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	5,290															
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															

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

Completion Notes  
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393' Avg Stage Length

Liner Shoe @ 1671

MD 16,790  
TVD 6,972

9 5/8" csg @  
798' (2° incl)

EOT @ ' ( incl)

Liner Top @ 7227' (81° incl)

8 3/4" hole @ 7435'  
7" csg @ 7418' (89° incl)

KOP - 6,343'

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