

WELL NAME: Troudt 5 OPERATOR: Extraction Oil & Gas
FIELD: West Weld - Wattenberg FORMATION: Niobrara
SHL: qtr-qtr SESE Section 32 Township 2N Range 67W
BHL: qtr-qtr NWNE Section 29 Township 2N Range 67W
COUNTY: Weld STATE: CO API: 05-123-41434

SURFACE CASING

SIZE: 9 5/8"
WEIGHT: J-55
GRADE: 36#
CONNECTION: STC
HOLE DEPTH: 1,525
CSG DEPTH: 1,524
INCL @ SHOE: 1°
CEMENT: 822 sx
TOC: Surface
HOLE SIZE: 13 1/2"

PRODUCTION CASING

SIZE: 5 1/2"
WEIGHT: P-110
GRADE: 20#
CONNECTION: BTC
HOLE DEPTH: 17,418
CSG DEPTH: 17,413
CEMENT: 771 sx 12#
1490 sx 13.5#
TOC: Surface
HOLE SIZE: 6 1/8"
LANDING POINT: 7,957
LATERAL LENGTH: 9,456

GROUND LEVEL: 5079'
KELLY BUSHING: 20.0'
SPUD DATE: 7/24/2015
COMP DATE: 10/6/2015

TIE-BACK STRING

SIZE:
WEIGHT:
GRADE:
CONNECTION:
CSG DEPTH:

PRODUCTION TUBING

SIZE: 2 3/8"
WEIGHT: 4.7#
GRADE: J-55
DEPTH: 7,425'
INCL @ EOT: 47°



9 5/8" csg @
1524' (1° incl)

EOT @ 7,425' (47° incl)

KOP - 7104'

| 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) |
|-------|------------|----------------|----------------|----------------|----------------|----------------|-------------------|-----|------------|--------------|-------------|------------|
| TOE | 17,418 | | | | | | 1 | 1 | 1 | 111 | | |
| 2 | 17,307 | 17274-76 | 17249-50 | 17224-25 | 17199-00 | 17174-75 | 6 | 6 | 36 | 158 | | |
| 3 | 17,149 | 17124-26 | 17099-00 | 17074-75 | 17049-50 | 17024-25 | 6 | 6 | 36 | 150 | | |
| 4 | 16,999 | 16974-76 | 16949-50 | 16924-25 | 16906-07 | 16874-75 | 6 | 6 | 36 | 150 | | |
| 5 | 16,849 | 16824-30 | 16799-00 | 16774-75 | 16749-50 | 16724-25 | 6 | 6 | 36 | 150 | | |
| 6 | 16,699 | 16670-72 | 16649-50 | 16624-25 | 16598-99 | 16573-74 | 6 | 6 | 36 | 151 | | |
| 7 | 16,548 | 16523-25 | 16504-05 | 16473-74 | 16448-49 | 16423-24 | 6 | 6 | 36 | 150 | | |
| 8 | 16,398 | 16373-75 | 16348-49 | 16328-29 | 16298-99 | 16273-74 | 6 | 6 | 36 | 150 | | |
| 9 | 16,248 | 16223-25 | 16198-99 | 16173-74 | 16148-49 | 16123-24 | 6 | 6 | 36 | 146 | | |
| 10 | 16,102 | 16073-75 | 16048-49 | 16023-24 | 15998-99 | 15973-74 | 6 | 6 | 36 | 154 | | |
| 11 | 15,948 | 15923-25 | 15898-99 | 15873-74 | 15848-49 | 15823-24 | 6 | 6 | 36 | 150 | | |
| 12 | 15,798 | 15773-75 | 15748-49 | 15723-24 | 15692-93 | 15673-74 | 6 | 6 | 36 | 150 | | |
| 13 | 15,648 | 15623-25 | 15598-99 | 15573-74 | 15548-49 | 15529-30 | 6 | 6 | 36 | 150 | | |
| 14 | 15,498 | 15468-70 | 15448-49 | 15420-21 | 15398-99 | 15373-74 | 6 | 6 | 36 | 150 | | |
| 15 | 15,348 | 15323-25 | 15323-24 | 15304-05 | 15246-47 | 15222-23 | 6 | 6 | 36 | 151 | | |
| 16 | 15,197 | 15172-74 | 15147-48 | 15124-25 | 15097-98 | 15080-81 | 6 | 6 | 36 | 150 | | |
| 17 | 15,047 | 15022-24 | 14997-98 | 14972-73 | 14947-48 | 14922-23 | 6 | 6 | 36 | 145 | | |
| 18 | 14,902 | 14872-74 | 14847-48 | 14822-23 | 14797-98 | 14772-73 | 6 | 6 | 36 | 155 | | |
| 19 | 14,747 | 14724-26 | 14697-98 | 14670-71 | 14647-48 | 14622-23 | 6 | 6 | 36 | 150 | | |
| 20 | 14,597 | 14572-74 | 14547-48 | 14522-23 | 14497-98 | 14472-73 | 6 | 6 | 36 | 150 | | |
| 21 | 14,447 | 14422-24 | 14397-98 | 14372-73 | 14347-48 | 14324-25 | 6 | 6 | 36 | 150 | | |
| 22 | 14,297 | 14270-72 | 14247-48 | 14222-23 | 14197-98 | 14172-73 | 6 | 6 | 36 | 147 | | |
| 23 | 14,150 | 14122-24 | 14092-93 | 14072-73 | 14047-48 | 14022-23 | 6 | 6 | 36 | 153 | | |
| 24 | 13,997 | 13972-74 | 13947-48 | 13924-25 | 13896-97 | 13870-71 | 6 | 6 | 36 | 151 | | |
| 25 | 13,846 | 13821-23 | 13796-97 | 13771-72 | 13750-51 | 13721-22 | 6 | 6 | 36 | 152 | | |
| 26 | 13,694 | 13671-73 | 13646-47 | 13621-22 | 13596-97 | 13571-72 | 6 | 6 | 36 | 148 | | |
| 27 | 13,546 | 13522-24 | 13496-97 | 13471-72 | 13446-47 | 13421-22 | 6 | 6 | 36 | 150 | | |
| 28 | 13,396 | 13371-73 | 13346-47 | 13321-22 | 13292-93 | 13271-72 | 6 | 6 | 36 | 150 | | |
| 29 | 13,246 | 13221-23 | 13196-97 | 13171-72 | 13146-47 | 13124-25 | 6 | 6 | 36 | 150 | | |
| 30 | 13,096 | 13071-73 | 13046-47 | 13021-22 | 12996-97 | 12971-72 | 6 | 6 | 36 | 148 | | |
| 31 | 12,948 | 12921-23 | 12894-95 | 12871-72 | 12846-47 | 12821-22 | 6 | 6 | 36 | 152 | | |
| 32 | 12,796 | 12771-73 | 12746-47 | 12726-27 | 12726-27 | 12670-71 | 6 | 6 | 36 | 150 | | |

| 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 | 12646 | 12621-23 | 12596-97 | 12571-72 | 12545-46 | 12520-21 | 6 | 6 | 36 | 156 | | |
| 34 | 12490 | 12470-72 | 12445-46 | 12420-21 | 12396-97 | 12370-71 | 6 | 6 | 36 | 145 | | |
| 35 | 12345 | 12324-26 | 12295-96 | 12268-69 | 12245-46 | 12220-21 | 6 | 6 | 36 | 150 | | |
| 36 | 12195 | 12170-72 | 12135-36 | 12120-21 | 12090-91 | 12070-71 | 6 | 6 | 36 | 150 | | |
| 37 | 12045 | 12020-22 | 11995-96 | 11970-71 | 11945-46 | 11916-17 | 6 | 6 | 36 | 150 | | |
| 38 | 11895 | 11870-72 | 11845-46 | 11820-21 | 11795-96 | 11770-71 | 6 | 6 | 36 | 155 | | |
| 39 | 11740 | 11720-22 | 11695-96 | 11670-71 | 11645-46 | 11620-21 | 6 | 6 | 36 | 145 | | |
| 40 | 11595 | 11574-76 | 11545-46 | 11518-19 | 11495-96 | 11470-71 | 6 | 6 | 36 | 150 | | |
| 41 | 11445 | 11420-22 | 11398-99 | 11370-71 | 11345-46 | 11320-21 | 6 | 6 | 36 | 150 | | |
| 42 | 11295 | 11270-71 | 11245-46 | 11220-21 | 11194-95 | 11169-70 | 6 | 6 | 36 | 151 | | |
| 43 | 11144 | 11119-21 | 11094-95 | 11069-70 | 11044-45 | 11019-20 | 6 | 6 | 36 | 152 | | |
| 44 | 10992 | 10969-71 | 10944-45 | 10919-20 | 10894-95 | 10872-73 | 6 | 6 | 36 | 148 | | |
| 45 | 10844 | 10816-18 | 10794-95 | 10769-70 | 10744-45 | 10719-20 | 6 | 6 | 36 | 148 | | |
| 46 | 10696 | 10669-71 | 10642-43 | 10619-20 | 10594-95 | 10569-70 | 6 | 6 | 36 | 152 | | |
| 47 | 10544 | 10519-21 | 10494-95 | 10464-65 | 10444-45 | 10419-20 | 6 | 6 | 36 | 150 | | |
| 48 | 10394 | 10369-71 | 10344-45 | 10319-20 | 10294-95 | 10269-70 | 6 | 6 | 36 | 153 | | |
| 49 | 10241 | 10218-20 | 10194-95 | 10169-70 | 10144-45 | 10119-20 | 6 | 6 | 36 | 147 | | |
| 50 | 10094 | 10065-67 | 10044-45 | 10019-20 | 9994-95 | 9969-70 | 6 | 6 | 36 | 150 | | |
| 51 | 9944 | 9919-21 | 9896-97 | 9869-70 | 9842-44 | 9818-19 | 6 | 6 | 36 | 151 | | |
| 52 | 9793 | 9768-70 | 9743-44 | 9718-19 | 9693-94 | 9668-69 | 6 | 6 | 36 | 150 | | |
| 53 | 9643 | 9618-20 | 9593-94 | 9568-69 | 9543-44 | 9518-19 | 6 | 6 | 36 | 150 | | |
| 54 | 9493 | 9468-70 | 9443-44 | 9418-19 | 9393-94 | 9368-69 | 6 | 6 | 36 | 150 | | |
| 55 | 9343 | 9318-20 | 9293-94 | 9272-73 | 9243-44 | 9218-19 | 6 | 6 | 36 | 150 | | |
| 56 | 9193 | 9168-70 | 9143-44 | 9118-19 | 9093-94 | 9068-69 | 6 | 6 | 36 | 153 | | |
| 57 | 9040 | 9018-20 | 8993-94 | 8968-69 | 8943-44 | 8918-19 | 6 | 6 | 36 | 147 | | |
| 58 | 8893 | 8865-67 | 8843-44 | 8818-19 | 8793-94 | 8768-69 | 6 | 6 | 36 | 150 | | |
| 59 | 8743 | 8718-20 | 8693-94 | 8668-69 | 8641-42 | 8618-19 | 6 | 6 | 36 | 150 | | |
| 60 | 8593 | 8568-70 | 8543-44 | 8518-19 | 8492-93 | 8464-65 | 6 | 6 | 36 | 151 | | |
| 61 | 8442 | 8417-19 | 8392-93 | 8367-68 | 8342-43 | 8317-18 | 6 | 6 | 36 | 148 | | |
| 62 | 8294 | 8267-69 | 8242-43 | 8217-18 | 8192-93 | 8167-68 | 6 | 6 | 36 | 152 | | |
| 63 | 8142 | 8117-19 | 8092-93 | 8065-66 | 8042-43 | 8017-18 | 6 | 6 | 36 | 150 | | |
| 64 | 7992 | 7967-69 | 7942-43 | 7917-18 | 7895-96 | 7867-68 | 6 | 6 | 36 | 125 | | |

149' Avg Stage Length

| | |
|------------------|----------------------|
| Frac Stimulation | |
| Total Fluid: | 156,101 bbls |
| Total Sand: | 12,796,465 lbs 40/70 |
| | lbs 30/45 white |
| | lbs 20/40 resin |
| | 12,796,465 lbs |
| | 1608 lbs/ft |

Completion Notes

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Production Csg @ 17413'

MD 17,418
TVD 7,475

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