

FORK UNIT #2-32-1-1
Plug and Abandonment
Revised 8/14/19

2-3/8" tubing => 0.00387 bbl/ft

5-1/2" casing => 0.02380 bbl/ft

8-5/8" casing => 0.06369 bbl/ft

7-7/8" to 5-1/2" annulus => 0.03086 bbl/ft

15.8 ppg cement=> 5 sx/bbl

1. Move in and rig up.
2. Pull out of well with tubing.
3. Pick up taper mill and smooth out parted casing at 391 feet.
4. Run in hole with gauge ring for bridge plug to 2,260 feet.
 - a. If gauge ring passes through casing part
 - i. Pick up bridge plug and run in hole. Set bridge plug at 2,256 feet.
 - ii. Run in hole and place 4 sacks Class G cement on top of bridge plug.
 - b. If gauge ring does not pass through casing part
 - i. Run in hole with open ended tubing to 2,410 feet.
 - ii. Set 188 foot cement plug from 2,410 to 2,222 feet (approx. 22 sx)
 - iii. Wait on cement 4 hours. Tag plug.
5. Fill hole with produced water (9 lb brine)
6. Pull out of hole.
7. Run in hole and set cement retainer at 260 feet.
8. Pump up to 200 sx cement. Use lost circulation material and 3% salt in the first 50 sacks.
 - a. If pressure up to 350 psi, pull out of retainer, pick up to 240 feet and reverse out.
 - b. If does not pressure up, flush tubing and below retainer with 10 bbls water.
 - c. Wait on cement 4 hours.
 - d. Repeat Step 8 with up to 100 sacks until obtain a squeeze.
9. Pull out of hole and lay down tubing
10. Rig up and perforate at 226 feet.
11. Attempt to circulate down casing and up annulus.
12. Run in hole with end of tubing at 260 feet or bottom of hole.
13. Pump cement and circulate up annulus.
14. Pull out of hole with tubing and lay down.
15. Top off hole with cement.
16. Weld plate on well.

CURRENT CONDITION

REVISED 8/14/19

Well Name: Fork Unit-Federal #2-32-1-1
 Location: NWNE Sec. 32, T1S, R101W
 Field: Dragon Trail
 Spud Date: 12/11/80
 Completed: 01/12/81
 Latitude: 39.923650
 Longitude: -108.751333

API No. 05-103-08634
 County: Rio Blanco
 State: Colorado
 Elev.-KB: 5804'
 Elev.-GL: 5792'
 Prepared by: MJN on 8/14/19
 BLM Lease: COC02745; COC47627D

Surface Casing
 8-5/8" 24# set @ 176
 cmt w/200 sx cmt

Casing above 260 feet held 350 psi on 8/7/19
 Holes between 290 feet to 625 feet
 Lost 150 psi in 15 sec; Est rate 2.5 bpm at 100 psi
 Casing parted at 391 feet.
 Max OD tool through parted casing 4.08"

Tested casing at 625 feet - below bled off quickly
 No measurable injection rate

Castlegate (Moropas) 974'

Ran Bond Log 12/22/80
 Top of cmt 1,360'
 Excellent bond 1,450'

Mancos B (Emery) 2,214'

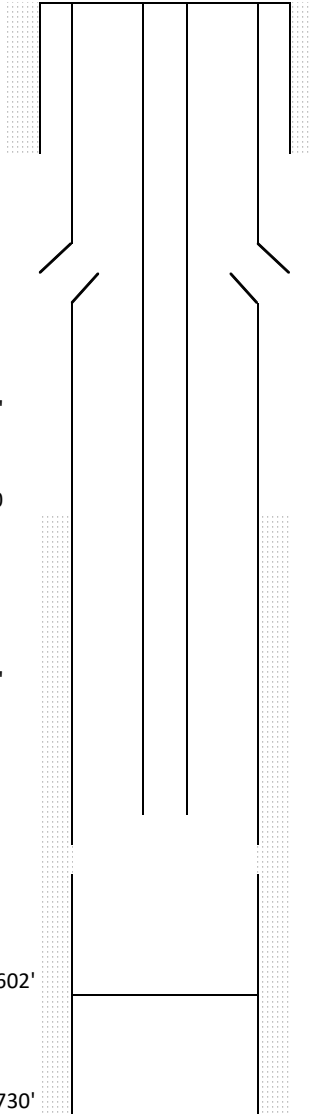
Tubing 10/14/14
 76 jts 2-3/8" tubing
 SN
 set at 2,331'

Per Mancos "B" (12/24/80)
 2306 - 2360' (15 holes)
 Acidize w/1000 gal BDA and 30 balls
 Fraced w/91,000 gal water, 295,500# sand,
 & 110 tons CO2

PBTD 2602'

Production Casing
 5-1/2" 15.5# set @ 2687'
 Cmt w/140 sx thixotropic

TD 2730'



PROPOSED PLUG AND ABANDONMENT
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