

Well / Battery

Taiga Fed 14I-20

Prospect Name

Thunder

Total Depth

4,400'

Current Status

SI

Location

SENW

Sec-Twn-Rng

21-4S-102W

Producing Horizon

Mancos B

County & State

Rio Blanco, CO

WELLBORE DIAGRAM

Prepared Date:

11/12/2014

Prepared By:

Austin Anderson

General Info

API #: 05-103-08085

KB Elevation: 7,667'

GL Elevation:

Spud Date: 09/03/1977

Completion Date: 12/18/1977

TVD: 4,400'

MD: 4,400'

Last PBTD: 4,296' (10/11/77)

Tubing Detail

inch(OD)

(weight)

grade

Tubing Tally

Length

Depth

Pump Details:

Pumping Unit Details:

Well Notes:

Small gas flare @ 3,938'

WO in December 2013

SITP - 525#/ SICP - 525#

LD 136 jts 2-1/16" tubing and set RBP @ 3,871'

Surface Plug

(100' - 0')

40

sxs

Shoe Plug

(332' - 232')

33 sxs

Surface Casing

8-5/8 inch (OD)

24 # (weight)

K-55 grade

282' depth from KB

0' cement top

150 sacks of cement

12-1/4" inch (OD) HOLE SIZE

Visual Returns

Rod Design

length

depth

Production Casing

4-1/2 inch (OD)

10.5 # (weight)

K-55 STC grade

4,344' depth from KB

3,172' cement top

210 sacks of cement

7-7/8" inch (OD) HOLE SIZE

CBL

Mancos Perforations

3,911'; 3,916'; 3,921'; 3,926'; 3,941'; 3,946'; 3,951'; 3,956'; 3,968'; 3,973'; 3,978'; 3,983'; 3,988'; 3,993'; 3,998'; 4,005'; 4,043'; 4,047'; 4,138'; 4,142'; 4,248'; 4,253'; 4,257'; 4,280'; 4,285'

Mancos B

Mancos Stimulation

2,000 gals 2% KCl water w/ 4 gals surfactant. Max treating pressure 3,000#, minimum 2,400#, rate 1.5 bpm.

Mancos Frac

70,000 gals of plug Gel 40 - 164,680# sand, 80 tons CO2, 2 qts radioactive beads.

PBTD: 4,296' (tagged on 10/11/1977)