

WORKSHEET FOR CALCULATION OF STATIC COLUMN WELLHEAD PRESSURE (P_w)

C-1222D
Revised 9-1-65

COMPANY

YPC

LEASE

Rowell 209 Acres

WELL NO.

1 (M-1111)

DATE 2-15-77

LOCATION: Unit

0

Section

35

Township

17-S

Range

2-S-E

L 8363

H

8363

L/H

0.6843

%CO₂

0.54

%N₂

0.30

%H₂S

1.17

4% - 50 (16.0) = 800

1834 (3.98) = 7319

d 2.9529"

F_r 0.006224

GH

5722.8

%CO₂

0.54

%N₂

0.30

LINE

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

1 Q_m

S1

.216

.313

.427

.557

S1

.216

.313

.427

.557

.735

.7295

.735

.735

.735

.735

.735

.735

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.735

.735

.735

.735

.735

.735

.735

2 T₀ (W.H. °R)

506

508

510

511

510

510

510

510

510

510

510

510

510

510

510

510

510

510

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510

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510

3 (B.H. °R)

599

598

596

595

594

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594

4 T = (L/H T₀)

552.5

553

553

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553

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553

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553

553

553

553

553

553

553

553

553

553

5 Z (E₀)

.749

.734

.732

.73

.73

.73

.73

.73

.73

.73

.73

.73

.73

.73

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.73

.73

.73

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.73

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.73

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6 T₂

413.88

405.90

404.796

403.64

402.96

402.96

402.96

402.96

402.96

402.96

402.96

402.96

402.96

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402.96

402.96

402.96

7 GH/TZ

13.823

14.099

14.1375

14.1762

14.202

14.202

14.202

14.202

14.202

14.202

14.202

14.202

14.202

14.202

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14.202

8 e^s (Table XIV)

1.6739

1.6967

1.6991

1.7016

1.7016

1.7016

1.7016

1.7016

1.7016

1.7016

1.7016

1.7016

1.7016

1.7016

1.70