

FROM KNOWN BOTTOM HOLE PRESSURE (Pf or Ps)

COMPANY OXY USA

UNIT

L

11020

LEASE :PUMA

SECTION : 22

H : 11020

C02 : 0.588

GH : 7240.1

WELL NO. :

TWN SHP :

L/H :

N2 : 0.569

PCR : 673

DATE

RANGE :

G/GMIX : 0.6570

H2S :

TCR : 371

| LINE |                         | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      |
|------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1    | TW(W.H. R)              | 534    | 534    | 534    | 534    | 534    | 534    | 534    | 534    |
| 2    | Ts(B.H. R)              | 644.2  | 644.2  | 644.2  | 644.2  | 644.2  | 644.2  | 644.2  | 644.2  |
| 3    | T=(Tw+Ts/2)             | 589.1  | 589.1  | 589.1  | 589.1  | 589.1  | 589.1  | 589.1  | 589.1  |
| 4    | Z (EST.)                | 0.864  | 0.814  | 0.808  | 0.819  | 0.815  | 0.828  | 0.831  | 0.844  |
| 5    | TZ                      | 509    | 480    | 476    | 482    | 480    | 488    | 490    | 497    |
| 6    | GH/TZ                   | 14.231 | 15.099 | 15.214 | 15.009 | 15.072 | 14.848 | 14.781 | 14.554 |
| 7    | eS(TABLE XIV)           | 1.705  | 1.762  | 1.769  | 1.756  | 1.760  | 1.745  | 1.741  | 1.726  |
| 8    | Pf or Ps                | 1917.2 | 1917.2 | 1828.9 | 1828.9 | 1663.9 | 1663.9 | 1404.3 | 1404.3 |
| 9    | Pf2 or Ps2              | 3675.7 | 3675.7 | 3344.9 | 3344.9 | 2768.6 | 2768.6 | 1972.1 | 1972.1 |
| 10   | Pc2=Pf/eS or Pw2=Ps2/eS | 2155.6 | 2086.6 | 1890.6 | 1905.2 | 1573.2 | 1586.5 | 1132.9 | 1142.6 |
| 11   | Pc or Pw                | 1468   | 1444   | 1375   | 1380   | 1254   | 1260   | 1064   | 1069   |
| 12   | P=(Pw+Ps/2)or(Pc+Pf/2)  | 1693   | 1681   | 1602   | 1605   | 1459   | 1462   | 1234   | 1237   |
| 13   | Pr=(P/Pcr)              | 2.52   | 2.50   | 2.38   | 2.38   | 2.17   | 2.17   | 1.83   | 1.84   |
| 14   | Tr(T/Tcr)               | 1.59   | 1.59   | 1.59   | 1.59   | 1.59   | 1.59   | 1.59   | 1.59   |
| 15   | Z (TABLE XI)            | 0.814  | 0.815  | 0.819  | 0.819  | 0.828  | 0.828  | 0.844  | 0.844  |

PW 1 : 1444.5 PW 2 : 1380.3 PW 3 : 1259.6 PW 4 : 1068.9