

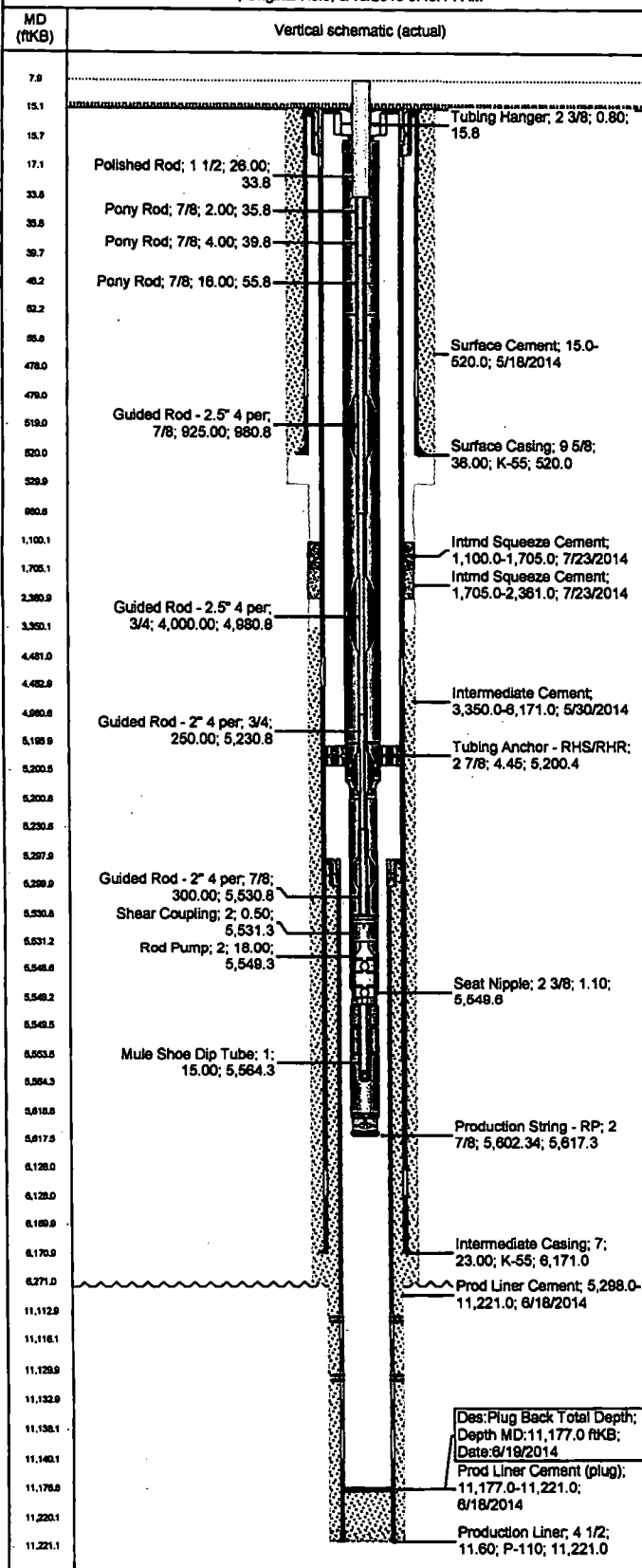
# WellView

## Schematic Components

Well Name: JICARILLA 104H

|                         |                                 |                                        |                                                                 |
|-------------------------|---------------------------------|----------------------------------------|-----------------------------------------------------------------|
| API/UWI<br>30-043-21219 | County<br>SANDOVAL              | State/Province<br>NEW MEXICO           | Surface Legal Location<br>Section 08, Twp 22N, Rng 05W, 23rd PM |
| Spud Date<br>5/18/2014  | On Production Date<br>7/21/2014 | Abandon Date                           | Ground Elevation (ft)<br>6,961.00                               |
|                         |                                 | Original KB Elevation (ft)<br>6,976.00 | Total Depth (All) (ftKB)<br>Original Hole - 11,221.0            |
|                         |                                 |                                        | PBTD (All) (ftKB)<br>Original Hole - 11,177.0                   |

Horizontal, Original Hole, 3/18/2019 9:43:14 AM



### Rod Strings

#### Rod String #1 on 3/14/2019 16:30

| Rod Description |                         | String Length (ft) | Set Depth (ftKB) | Run Date   |            |
|-----------------|-------------------------|--------------------|------------------|------------|------------|
| Rod String #1   |                         | 5,556.50           | 5,564.3          | 3/14/2019  |            |
| Jts             | Item Des                | OD (in)            | Len (ft)         | Top (ftKB) | Btm (ftKB) |
|                 | Polished Rod            | 1 1/2              | 26.00            | 7.8        | 33.8       |
| 1               | Pony Rod                | 7/8                | 2.00             | 33.8       | 35.8       |
| 1               | Pony Rod                | 7/8                | 4.00             | 35.8       | 39.8       |
| 2               | Pony Rod                | 7/8                | 16.00            | 39.8       | 55.8       |
| 37              | Guided Rod - 2.5" 4 per | 7/8                | 925.00           | 55.8       | 980.8      |
| 160             | Guided Rod - 2.5" 4 per | 3/4                | 4,000.00         | 980.8      | 4,980.8    |
| 10              | Guided Rod - 2" 4 per   | 3/4                | 250.00           | 4,980.8    | 5,230.8    |
| 12              | Guided Rod - 2" 4 per   | 7/8                | 300.00           | 5,230.8    | 5,530.8    |
|                 | Shear Coupling          | 2                  | 0.50             | 5,530.8    | 5,531.3    |
|                 | Rod Pump                | 2                  | 18.00            | 5,531.3    | 5,549.3    |
|                 | Mule Shoe Dip Tube      | 1                  | 15.00            | 5,549.3    | 5,564.3    |

### Tubing Strings

#### Production String - RP set at 5,617.3ftKB on 3/14/2019 10:00

| Tubing Description     |                         | Len (ft) | Set Depth (ft) | Run Date   | Cut/Pull Date | Depth C... |            |
|------------------------|-------------------------|----------|----------------|------------|---------------|------------|------------|
| Production String - RP |                         | 5,602.34 | 5,617.3        | 3/14/2019  |               |            |            |
| Jts                    | Item Des                | OD (In)  | Len (ft)       | Top (ftKB) | Btm (ftKB)    | Grade      | Wt (lb/ft) |
|                        | Tubing Hanger           | 2 3/8    | 0.80           | 15.0       | 15.8          |            |            |
| 1                      | Tubing                  | 2 7/8    | 32.50          | 15.8       | 48.3          | J-55       | 6.50       |
|                        | Tubing - Pup Jt         | 2 7/8    | 4.00           | 48.3       | 52.3          | J-55       | 6.50       |
| 15                     | Tubing                  | 2 7/8    | 5,143.6        | 52.3       | 5,195.9       | J-55       | 6.50       |
| 8                      |                         |          | 0              |            |               |            |            |
|                        | Tubing Anchor - RHS/RHR | 2 7/8    | 4.45           | 5,195.9    | 5,200.4       |            |            |
|                        | Cross Over              | 2 7/8    | 0.50           | 5,200.4    | 5,200.9       |            |            |
| 11                     | Tubing                  | 2 3/8    | 347.69         | 5,200.9    | 5,548.5       | J-55       | 4.70       |
|                        | Seat Nipple             | 2 3/8    | 1.10           | 5,548.5    | 5,549.6       |            |            |
|                        | Perforated Sub          | 2 3/8    | 4.00           | 5,549.6    | 5,553.6       | J-55       | 4.70       |
| 2                      | Tubing                  | 2 3/8    | 63.20          | 5,553.6    | 5,616.8       | J-55       | 4.70       |
|                        | Purge Valve             | 2 3/8    | 0.50           | 5,616.8    | 5,617.3       |            |            |

### Other In Hole

| Des | String | Top (ftKB) | Btm (ftKB) | Run Date |
|-----|--------|------------|------------|----------|
|     |        |            |            |          |

### Cement

#### Intmd Remedial Cement, Casing - Remedial, 7/23/2014 14:00

| Description           | String                           | Cementing Start Date | Cementing End Date |
|-----------------------|----------------------------------|----------------------|--------------------|
| Intmd Remedial Cement | Intermediate Casing, 6,171.0ftKB | 7/23/2014 14:00      | 7/23/2014 18:00    |

### Cement Stages

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                                                                                                                    |
|-------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 1,705.0    | 2,361.0    | Cement squeeze holes at 2361' w/ 484 sx Type III, Cement squeeze holes at 1705' w/ 282 sx Type III, Tail w/ 85 sx Type G, no cement to surface. TOC @ 1100' MD per CBL |
| 2     | 1,100.0    | 1,705.0    |                                                                                                                                                                        |

#### Prod Liner Cement, Casing, 6/18/2014 14:00

| Description       | String                         | Cementing Start Date | Cementing End Date |
|-------------------|--------------------------------|----------------------|--------------------|
| Prod Liner Cement | Production Liner, 11,221.0ftKB | 6/18/2014 14:00      | 6/18/2014 20:00    |

### Cement Stages

| Stg # | Top (ftKB) | Btm (ftKB) | Com                                                                       |
|-------|------------|------------|---------------------------------------------------------------------------|
| 1     | 5,298.0    | 11,221.0   | Lead: 55 sx Elastiseal, 315 sx Foamed Elastiseal. Tail: 100 sx Elastiseal |

#### Intermediate Cement, Casing, 5/30/2014 14:00

| Description         | String                           | Cementing Start Date | Cementing End Date |
|---------------------|----------------------------------|----------------------|--------------------|
| Intermediate Cement | Intermediate Casing, 6,171.0ftKB | 5/30/2014 14:00      | 5/30/2014 18:00    |

Des: Plug Back Total Depth;  
Depth MD: 11,177.0 ftKB;  
Date: 6/19/2014  
Prod Liner Cement (plug);  
11,177.0-11,221.0;  
6/18/2014  
Production Liner; 4 1/2;  
11.60; P-110; 11,221.0