

# SURFACE CASING CHECK

Well Name Bill Barrett State of Colorado Sec 36 1S66W

New Drill  Refiling  Deepen  Re-Enter  Recomplete and Operate  Plug and Abandon   
Casing Repair  Disposal

SB5 Base of Fox Hills 1495'

Cheyenne Basin Map Base of Fox Hills \_\_\_\_\_

Fox Hills Protection Area 5% Rule 370'

Deepest Water Well w/in 1 Mile(s) 885'

Operator-Proposed Surface Casing Depth 1550'

Actual Surface Casing Depth \_\_\_\_\_

Change Permit Surface Casing Depth from \_\_\_\_\_ to \_\_\_\_\_

OK on  this well's or  offset well's induction log at 1500'

Report Date: 12/30/2015

**Bedrock Aquifer Evaluation Determination Tool**

**Denver Basin Aquifer - Specific Location Determination Tool**

**Applicant:** BBC State of Colorado  
Sec 36 1S66W

**Receipt No:**

**Evaluated By:**

**Location:** SW 1/4 of SW 1/4 of Sec. 36, T.1S, R.66W. ( 1026 SSL, 295 WSL)

**Basin Designation:** Location is within the UNKNOWN Designated Ground Water Basin.

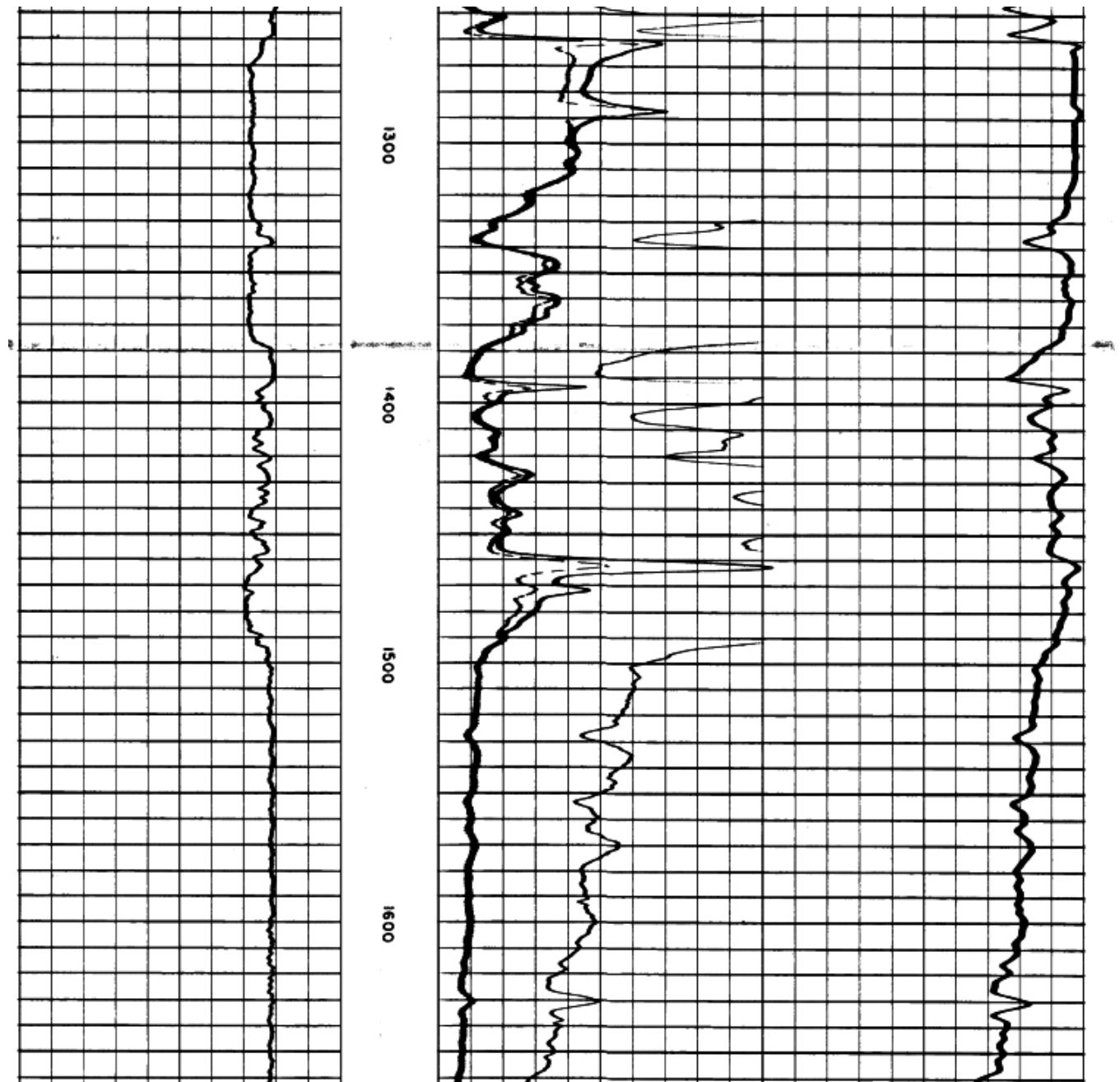
**Ground Surface Elevation:** 5227 Feet      **Number of Acres:** 160

| Aquifer           | Elevation (ft) |      | Net Sand | DEPTH (ft) |      | ANNUAL APRPROP. (A-F) | STATUS |
|-------------------|----------------|------|----------|------------|------|-----------------------|--------|
|                   | Bot            | Top  |          | Bot        | Top  |                       |        |
| Upper Dawson      | --             | --   | --       | --         | --   | --                    | --     |
| Lower Dawson      | --             | --   | --       | --         | --   | --                    | --     |
| Denver            | 4915           | 5098 | 110.8    | 312        | 129  | 30.15                 | NNT    |
| Upper Arapahoe    | 4880           | 4887 | 108.5    | 567        | 340  | 29.52                 | NT     |
| Lower Arapahoe    | 4380           | 4585 | 94.6     | 867        | 642  | 25.74                 | NT     |
| Laramie-Fox Hills | 3732           | 3971 | 181.3    | 1495       | 1256 | 43.51                 | NT     |

NOTE: 'E' indicates a location is at an aquifer boundary and the values may be more approximate.

Elevation of the bottom and the depth to the bottom of the Upper Arapahoe aquifer are approximate and should be checked against the DENVER BASIN ATLAS NO. 3.

Champlain 117 Amoco C-2 (001-06858) NENW 1 2S 66W



Deepest water well within 1 mile of surface location:

| Water Wells Selected From Map                                                                           |                    |                  |          |             |         |
|---------------------------------------------------------------------------------------------------------|--------------------|------------------|----------|-------------|---------|
| Filter Results by Depth <input type="text" value="Greater than"/> <input type="button" value="Filter"/> |                    |                  |          |             |         |
| WELL DESCRIPTION                                                                                        | LOCATION           | WELL INFORMATION |          |             |         |
|                                                                                                         |                    | Depth            | Top Perf | Bottom Perf | Aquifer |
| <a href="#">Receipt=3622414, Permit=0066564-F-</a><br>COLORADO SINGH SABHA A COLO NON-PROFIT            | SESW 35<br>1 S-66W | 885              | 742      | 862         | LKA     |
| <a href="#">Receipt=3636798, Permit=0067924-F-</a><br>COLORADO SINGH SABHA                              | SESW 35<br>1 S-66W | 876              | 0        | 0           | LKA     |
| <a href="#">Receipt=0504646P, Permit=0059320-F-</a><br>BARR LAKE ESTATES LLC                            | SWSW 35<br>1 S-66W | 746              | 596      | 746         | LKA     |