**SCHAAL DRILLING, CO.**
**46881 Hwy 24**
**BURLINGTON, CO. 80807**
**719-346-8032**
**FIELD REPORT**
**SURFACE CASING DRILLING**

DRILLING DATE 12/17/2013

WELL NAME & LEASE # BIG SKY 13-11

MOVE IN, RIG UP, DIG PITS ETC. DATE 12/16/2013 TIME 10:45 AM

SPUD TIME 6:00 AM SHALE DEPTH 155 TIME 7:30 AM

HOLE DIA. 12 1/4 FROM **0** TO 342 TD TIME 2:00 PM

CIRCULATE, TOOH, MEASURED 330.37

8 JOINTS 8 5/8 0D #/FT 17 20 23

PLUG DOWN TIME 6:15 DATE 12/17/2013

CENTRALIZER 4 CENTRALIZER SET @ 1-3-5-7

ELEVATION 5220

PIPE TALLY
1. 43.00
2. 42.30
3. 42.30
4. 42.25
5. 41.91
6. 42.25
7. 41.50
8. 42.30

SEC 11 T6S R54W
API 05 073 06560

337.81 (1 GUILD SHOE, 1 PLUG, 1 FLOAT VALVE)

OWNER BIG SKY 13-11

ADDRESS

STATE DATE 12/17/2013

| FT | FT | STONE | SHALE | GRAVEL | SAND | CLAY |
|---|---|---|---|---|---|---|
| 0 | 20 | | | | | X |
| 20 | 40 | | | X | | |
| 40 | 60 | | | X | | |
| 60 | 80 | | | X | | |
| 80 | 100 | | | X | | |
| 100 | 120 | | | | | X |
| 120 | 140 | | | X | | |
| 140 | 155 | | | X | | |
| 155 | 160 | | X | | | |
| 160 | 180 | | X | | | |
| 180 | 200 | | X | | | |
| 200 | 220 | | X | | | |
| 220 | 240 | | X | | | |

| FT. | FT. | STONE | SHALE | GRAVEL | SAND | CLAY |
|---|---|---|---|---|---|---|
| 240 | 260 | | | X | | |
| 260 | 260 | | | X | | |
| 260 | 280 | | | X | | |
| 280 | 300 | | | X | | |
| 300 | 342 | | | X | | |

| | |
|---|---|
| STATIC WATER LEVEL | |
| AQUIFER THICKNESS | |
| SCREEN LENGTH | |
| SLOT SIZE | |
| FITTING - TOP | |
| FITTING - BOTTOM | |
| PLUG OLD WELL? | |
| O YES O NO | |
| | |
| TOTAL DEPTH | 342 |

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