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|------------|----------------|---------------|------------|-----------|------|
| API: | 05-123-21269 | ELEVATION: | 5011' | QTR-QTR: | NWSW |
| WELL NAME: | HILGERS 16-22A | GROUND LEVEL: | 4995' | SECTION: | 26 |
| COUNTY: | WELD | MD: | 7915' | TOWNSHIP: | 3N |
| LATITUDE: | 40.206606 | PBMD: | 7900' | RANGE: | 67W |
| LONGITUDE: | -104.982592 | CREATED BY: | S. FRANTZ | | |
| | | DATE: | 11/14/2016 | | |

| EXISTING | | DATUM: RKB KB=16' | | PROPOSED |
|------------------------------------|---------------------|----------------------|-----------------------------|-------------------------|
| Hole Size/Depth | 12 1/4" - 595' | | CMT To Surface | |
| Surface Casing | | | 80' | 525' |
| Deepest Water Well In 1 Mile | NONE | | | |
| Casing Size/Depth: 8 5/8, 24#/ft @ | 577' | | 145 SX, 1.53 YLD | |
| Fox Hills Formation Marker | 712' | | | |
| | | | | 815' Shoot Off CSG |
| | | | | 915' BOC Inside CSG |
| | | | 3 bbls | 3885' Top Squeeze Perfs |
| Sussex | 4085' | | | |
| Base | 4303' | | 3915' | |
| NOT Productive Within 1 Mile | | | 150 SX 1.53 YLD | |
| | | | | 4285' Btm Squeeze Perfs |
| Shannon | No Perfs | | | |
| Base | 4798' | | | |
| NOT Productive Within 1 Mile | | | | |
| TOC In Annulus (From CBL) | 6530' | | | 6660' TOC Inside CSG |
| | | | 35 SX, 1.53 YLD | |
| Niobrara Top | 7070' | | | |
| | | | 7230' | 7230' BOC Inside CSG |
| Codell Perfs | 7330' - 7350' | | | |
| | | | 2 SX | |
| | | | 7650' | |
| J Sand Perfs | 7766' - 7790' | | | |
| Production Casing/Hole | | | | |
| Casing Size/Depth | 4 1/2" x 11.6#/ft @ | 7915' | | |
| Hole Size/Depth | 7 7/8" (bit size) @ | 7915' | | |

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|-----------------|
| Existing Cement |
| New CICR |
| Existing CICR |
| New CIBP |
| Existing CIBP |
| New Cement |
| Sand Plug |
| Existing Mud |