

**David F Bryson 1**  
**40.627755 / -104.003719**  
**05-123-05495**

**David F Bryson 1 Procedure**

1. Survey and locate plugged wellbore. Set a stake and record as-drilled GPS coordinates.
2. Excavate around wellbore to expose the top of the surface casing.
3. Cut existing cap off wellbore. Weld a slip collar to 8-5/8" casing and necessary length of casing to reach ground level. Weld another 8-5/8" slip collar.
4. MIRU workover rig.
5. Install wellhead and BOP. Test BOP.
6. PU and RIH with 6-1/4" tricone bit, 10 3-1/2" drill collars, and 2-7/8", 6.5#, L80, EUE workstring.
7. Drill out 1st surface cement plug and circulate hole clean.
8. Continue drilling or RIH to top of 2<sup>nd</sup> surface casing plug. Record depth of plug.
9. Pressure test surface casing to 250 psi. If surface casing fails pressure test, contact engineer and hunt holes.
10. After pressure test of surface casing, drill out surface casing plug. If pressure is encountered below surface casing plug, circulate hole with mud or kill fluid until well is dead or blown down.
11. POOH and LD 6-1/4" tricone bit.
12. PU and RIH with mule shoe and 2-7/8" L80 tubing down to 6861'.
13. RU cement crew, pressure test lines to 4,500 psi, and spot plug from 6861'-6711' with class G cement (50 sks) to cover the D Sand formation.
  - **FROM THIS POINT MOVING FORWARD:** Must wait a sufficient time on all subsequent plugs to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact engineer before continuing operations.
14. POOH and spot plug from 6285'-5985' with class G cement (100 sks) to cover the Niobrara formation.
  - **IF CIRCULATION IS NOT MAINTAINED WHILE PUMPING PLUG:**
    - i. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 6085', contact engineer.
15. POOH and spot plug from 1579'-1429' with class G cement (50 sks) to cover the Pierre formation.
16. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 1479', contact engineer.
17. POOH and spot plug from 526' to surface with class G cement (175 sks).
18. POOH and wait 4 hours. Tag TOC if not set at surface. Record tag depth. If tag is deeper than 184', contact engineer.
19. RDMO. Top off cement after rig has moved, if necessary.
20. After surface plug has set, cut casing to 5' below ground level and weld on a plate to seal the well.
21. Inscribe the well's legal location, well name and number, and API number on the plate as shown:

660' FSL, 1980' FWL, SESW Sec 29, T8N, R59W
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22. Photograph welded name plate and send to engineer before proceeding.
23. After confirmation from engineer is received, backfill hole and reclaim surface to original conditions.
24. Cover up the well and remediate the disturbed area.

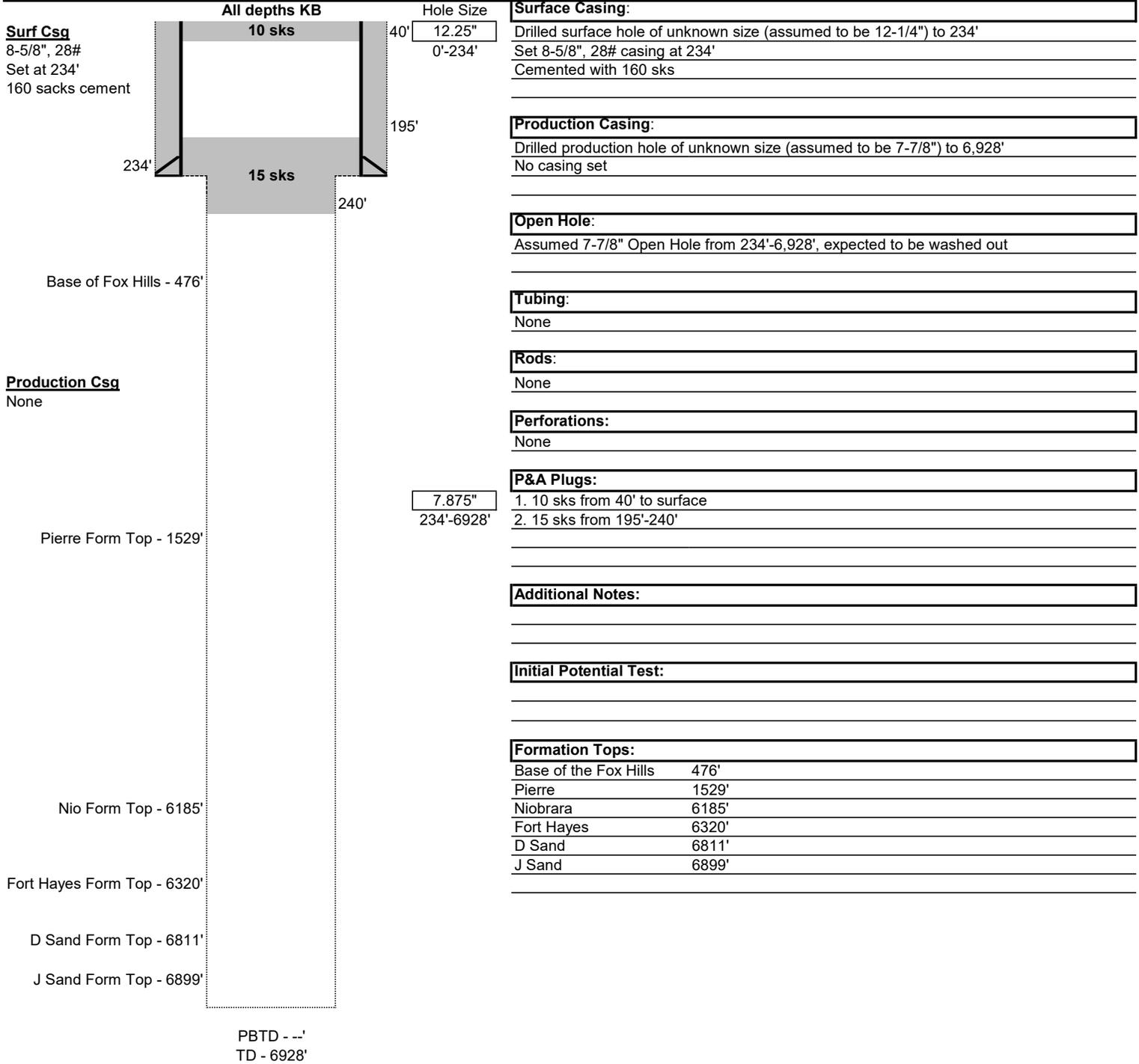
## David F Bryson 1 Cement Plug Table

CEMENT PLUG TABLE													
Plug Number	Plug Status	Plug Location	Formation	Plug Bottom Depth	Plug Top Depth	Cement Class	Yield (ft <sup>3</sup> /sk)	Number of Sacks		Must Be Tagged?	Maximum Tag Depth	New Sks Required	New Sks Required w/ (10% SF)
1	New	Open Hole	D Sand	6861'	6711'	G	1.15	50		No	N/A	375	413
2	New	Open Hole	Niobrara	6285'	5985'	G	1.15	100		Possibly	6085'		
3	New	Open Hole	Pierre	1579'	1429'	G	1.15	50		Yes	1479'		
4.1	New	Open Hole	Fresh Water	526'	234'	G	1.15	95	175	Possibly	184'		
4.2	New	Casing	Fresh Water	234'	Surface	G	1.15	80					

### Current Wellbore Schematic

Well Name: David F Bryson 1  
 Location: 660' FSL, 1980' FWL, SESW Sec 29, T8N, R59W  
 County: Weld  
 API #: 05-123-05495  
 Co-ordinates: 40.627755 / -104.003719  
 Elevations: GROUND: --  
                   KB: 4993'  
 Depths (KB): PBTD: --  
                   TD: 6928'

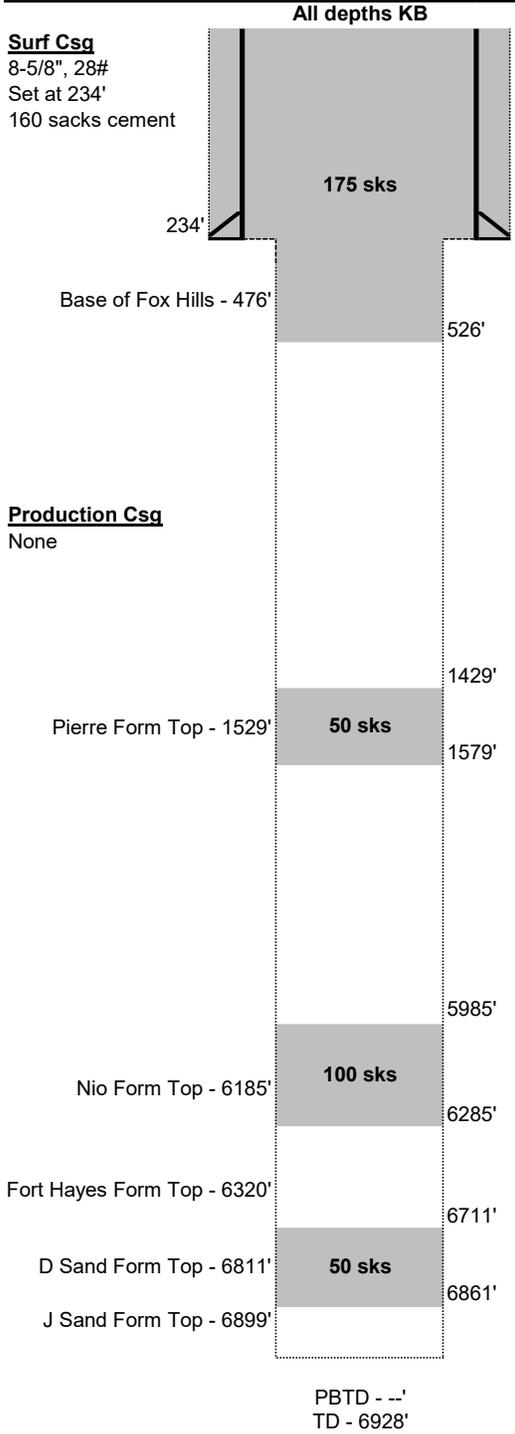
Date Prepared: 4/23/2024  
 Last Updated: 4/23/2024  
 Spud Date: 12/17/1954  
 Completion Start Date: 1/14/1955  
 Last Workover Date: 1/17/1955  
 Prepared by: Jake Van Bramer  
 Updated by: --



### Proposed Wellbore Schematic

Well Name: David F Bryson 1  
 Location: 660' FSL, 1980' FWL, SESW Sec 29, T8N, R59W  
 County: Weld  
 API #: 05-123-05495  
 Co-ordinates: 40.627755 / -104.003719  
 Elevations: GROUND: --  
                   KB: 4993'  
 Depths (KB): PBTD: --  
                   TD: 6928'

Date Prepared: 4/23/2024  
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**Hole Size**  
 12.25"  
 0'-234'

**Surface Casing:**  
 Drilled surface hole of unknown size (assumed to be 12-1/4") to 234'  
 Set 8-5/8", 28# casing at 234'  
 Cemented with 160 sks

**Production Casing:**  
 Drilled production hole of unknown size (assumed to be 7-7/8") to 6,928'  
 No casing set

**Open Hole:**  
 Assumed 7-7/8" Open Hole from 234'-6,928', expected to be washed out

**Tubing:**  
 None

**Rods:**  
 None

**Perforations:**  
 None

**P&A Plugs:**

1. 50 sks Class G (1.15 cuft/sk) from 6,711'-6,861' (new)
2. 100 sks Class G (1.15 cuft/sk) from 5,985'-6,285' (new)
3. 50 sks Class G (1.15 cuft/sk) from 1,429'-1,579' (new)
4. 175 sks Class G (1.15 cuft/sk) from 526' to surface (new)

**Additional Notes:**

**Initial Potential Test:**

**Formation Tops:**

Base of the Fox Hills	476'
Pierre	1529'
Niobrara	6185'
Fort Hayes	6320'
D Sand	6811'
J Sand	6899'