



## PLUG AND ABANDONMENT PROGNOSIS

**WELL NAME: GUTHRIE 22-2**  
**API #: 0500109389**  
**SEC 2-T1S-R67W SENW**  
**LAT/LONG: 39.995222/-104.857801**  
**ADAMS COUNTY, CO**

### **WELL DATA:**

ELEVATIONS: GL 5026' KB 5037'  
AQUIFER DEPTHS: ARAPAHOE 73'-295'; FOX HILLS 694'-982'  
FORMATION TOPS: SUSSEX @ 4865'; NIOBRARA @ 7288'; CODELL @ 7746'; J-SAND @ 8176'  
DRILL DEPTH: 8423'  
PBTD: 8423'  
HOLE/CASING SIZES:  
    12-1/4" hole 8-5/8" 24# @ 1255' with 445 sks cement  
    7-7/8" hole 4-1/2" 11.6# @ 8423' with 320 sks cement  
    DV Tool @ 5240' with 200 sks cement

### **TUBING DETAIL:**

2-3/8" Tubing at 8164'. No other details.

### **PERFORATIONS:**

8178'-8222' (J-Sand) 3 SPF, 132 perfs, 0.38"

### **NOTES:**

- Spud date 11/20/1999.
- Well is uneconomic to produce, and needs P&A prior to Great Western Marcus fracs.

**CEMENT DESIGN:** Class G Cement, 16.0 ppg, 1.12 cuft/sk, retarded as necessary. Spacer to be 10 bbl fresh water ahead. Displace with corrosion inhibited produced water.

### **ABANDONMENT PROGNOSIS:**

1. File Form 42 to notify COGCC of P&A operations at least 48 hrs prior to starting abandonment operations. Contact Gary Helgeland at 970-216-5749 at COGCC for 24 hour notice. COGCC Inspector Office is 303-894-2100.
2. MIRUPU. Blow well down to tank. Remove wellhead equipment. NUBOPE.
3. TOOHP with 2-3/8" tubing and BHA standing back tubing.
4. PU 4-1/2" CIBP and TIH setting @ 8080'.

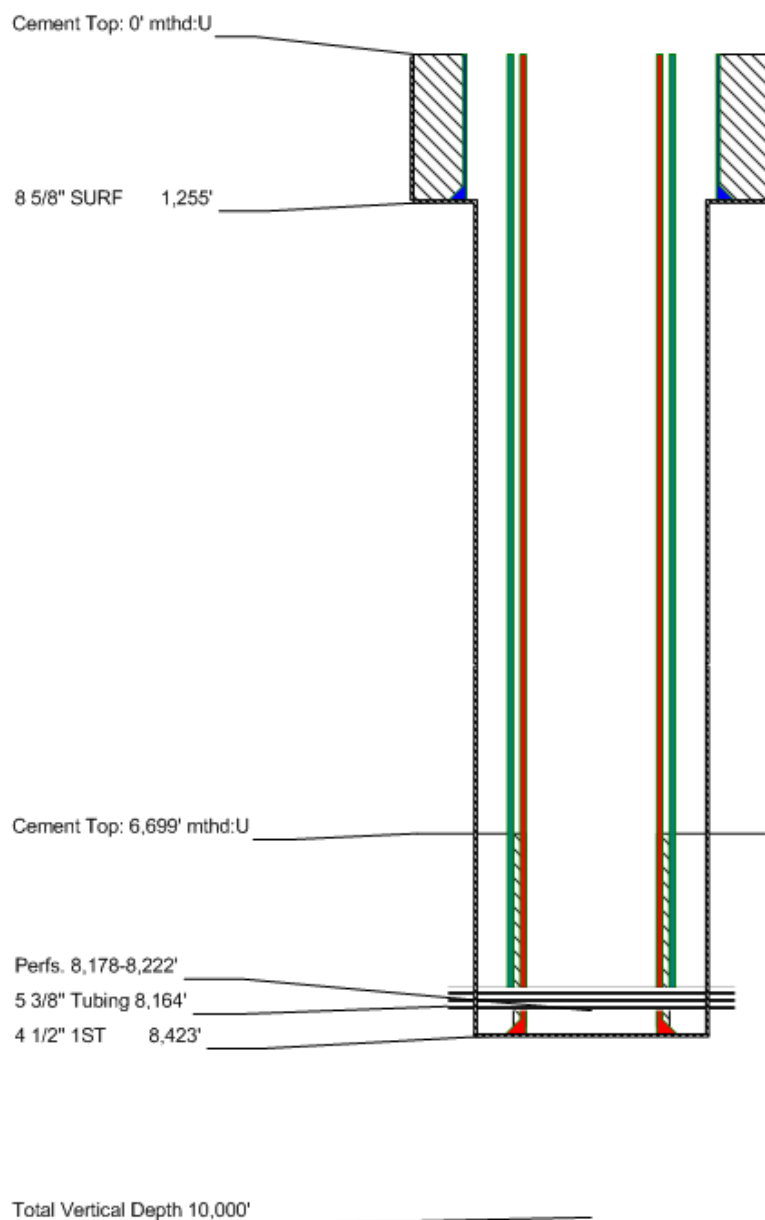
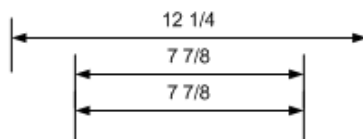
5. RU cementers. Mix and spot 65 sks Class G to top of CICR. Designed TOC is 7250'. Pull 10 jts of tubing and reverse clean with corrosion inhibited produced water. TOOH to 5250'.
6. Mix and spot 10 sks balanced plug from 4540' to 5250' to cover DV tool @ 5240'. TOOH, reverse clean and continue TOOH standing back.
7. RU wireline and perforate squeeze holes (6 SPF w/ 2' gun) at 1280'.
8. Mix & pump 300 sks between 8-5/8" x 4-1/2" annulus. Then spot 50 sks balanced plug inside casing from squeeze perfs up to 650'. Reverse clean and TOOH. WOC and TIH to tag plug.
9. Mix and spot 30 sks Class G w/ 2% CaCl<sub>2</sub> in mix water from 350' to surface. Cement surface annulus via 1" tubing if necessary.
10. Cut off casing 4' below ground level and install marker plate. The top of the casing must be fitted with a screw cap or a steel plate welded in place with a weep hole. Marker plate to include well name & number, legal location, API number and date of plugging.
11. RDMOPU and release rental equipment.
12. Restore location. Per COGCC, within 90 days of P&A, the well site shall be cleared of all non-essential equipment, trash, and debris. File Form 42 when ready for reclamation inspection.

## Well Completion Diagram

<b>API Well No:</b> 05-001-09389-00-							
<b>Owner:</b>	PETROSHARE CORPORATION			<b>Well Name:</b>	GUTHRIE		
<b>County:</b>	ADAMS	<b>Field:</b>	WATTENBERG	<b>Pool:</b>			
<b>Coordinates: X</b>	2180 FWL	<b>; Y</b>	1876 FNL	<b>Sec:</b>	2	<b>Twp:</b>	1S <b>Rng:</b> 67W

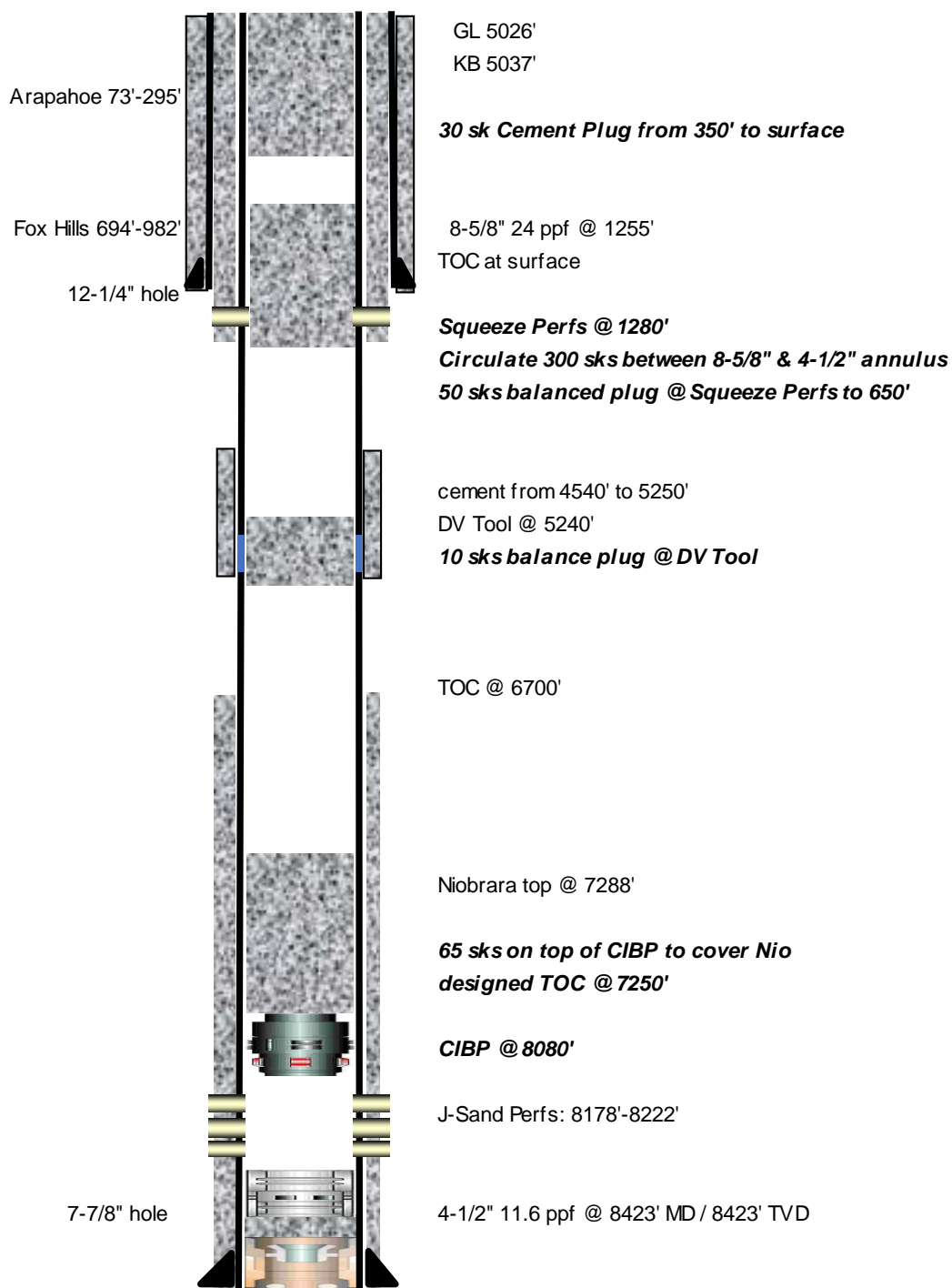
Note: Changes to the drawing do not effect the database

## Bore Diameters (in.)



PetroShare Corp  
Guthrie 22-2  
0500109389

**After P&A**



not to scale

