

OPERATOR:	Morning Gun Exploration LLC - 10656
WELL:	HD Lauer Estate 1
FIELD:	Wildcat - 99999
API #	05-123-05404
LEASE #:	-
UIC #:	-
BASIN:	Denver - Julesburg

CNTY:	<u>Weld</u>	FTG:	<u>990 FNL and 1650 FWL</u>	IP GAS:	<u>0</u>
STATE:	<u>CO</u>	Q-Q:	<u>NENW</u>	IP OIL:	<u>0</u>
ROTARY SPUD:	<u>27-Jun-55</u>	SEC.:	<u>12</u>	IP WTR:	<u>0</u>
COMP/PA:	<u>6-Jul-55</u>	TWS:	<u>7N</u>	CUM GAS:	<u>0</u>
STATUS:	<u>DA</u>	RGE:	<u>59W</u>	CUM OIL:	<u>0</u>
WBD DATE:	<u>31-Aug-21</u>	BY:	<u>SMB</u>	CUM WTR:	<u>0</u>
LAT/LONG:	<u>40.593836/-103.929057</u>			LAST PROD:	<u>n/a</u>

## PROPOSED WELLBORE DIAGRAM

**KBE:** 4877 '  
**KB:** 22 '  
**GLE:** 4855 '

**Plug #5 - TOP OFF AS NEEDED**

**TD (ft):** 6610 '  
**PBTD (ft):** 0 '

**10 3/4" 32# Csg @** 169 '  
**w/ 150 sxs**

**Plug #4 - TAG PLUG**

Base Fox Hills @ 400 '  
 Top Pierre @ 1450 '  
 Top Parkman @ 3060 '  
 Top Niobrara @ 5784 '  
 Top D Sand @ 6510 '  
 Top J Sand @ 6590 '

**Plug #3**

**Plug #2**

**Plug #1**

**Original Plug #1**  
 20 sx from 6560' to 6500'

**OPEN HOLE**

**8-3/4" Hole to** 6590 '

**TD @** 6610 '  
**6-1/4" Hole**

[illegible]

## PROPOSED PLUGGING PROCEDURE

**DA since 1955**

**Install wellhead**

**Wash down to original plug #1 or 6500'. If wellbore is not static circulate produced fluid out and mud up to a minimum of 9 ppg for a static wellbore. This static fluid weight will be placed between all plugs.**

**Run a gyro survey down tubing from 5800 to surface with 200' stations.**

**\*\*Water spacer ahead and behind all balanced plugs\*\***

**\*\*Class G neat cement with minimum compressive strength of 300psi after 24hr and 800psi after 72hr measured at 95deg F or minimum expected downhole temp and 800 psi confining pressure\*\***

***Cement batch test no older than 6 months will be kept on record***

**Pump Plug #1 to gain 100' of coverage above the D-Sand**  
8-3/4" hole and 1.15 cf/sx Class G plus 20% excess = 44 sx for 100' coverage  
Plug is from 6500 to 6400

**Pump Plug #2 to gain 100' of coverage above the Niobrara**  
8-3/4" hole and 1.15 cf/sx Class G plus 20% excess = 44 sx for 100' coverage  
Plug is from 5784 to 5684

**Pump Plug #3 to gain 100' of coverage above the Pierre**  
8-3/4" hole and 1.15 cf/sx Class G plus 20% excess = 44 sx for 100' coverage  
Plug is from 1450 to 1350

**Pump Plug #4 to gain 100' of coverage below the Base of Fox Hills**  
8-3/4" hole and 1.15 cf/sx Class G plus 20% excess = 44 sx for 100' coverage  
Plug is from 400 to 300 - TAG PLUG

**Pump Plug #5 to gain cement from 50' to surface**  
10.192" hole and 1.15 cf/sx Class G plus 20% excess = 30 sx for 50' coverage  
Plug is from 50' to 0' - TOP OFF AS NEEDED

**Between 5 and 90 days after plugging cut and cap below plow depth. Cap will include a weep hole, legal location, well name and number and api number**