

**Foundation Energy Management, LLC**  
**WELLBORE DIAGRAM**

|                 |               |  |                   |                |
|-----------------|---------------|--|-------------------|----------------|
| Well / Battery  | Prospect Name |  | Total Depth       | Current Status |
| Lion Govt 33-36 | WH1           |  | 5,107'            | PR             |
| Location        | Sec-Twn-Rng   |  | Producing Horizon | County & State |
| NW SE           | 36-12N-101W   |  | Mid Lewis         | Moffat, CO     |

## PROPOSED WELLBORE DIAGRAM

**Prepared Date:** 12/11/2019  
**Prepared By:** Adam Johnson

## General Info

API #: 05-081-07264

KB Elevation: 6,923'  
GL Elevation: 6,910'

Spud Date: 2/14/06  
Completion Date: 3/10/06

TVD: 5,119'  
MD: 5,119'  
Last PBTD: 5,070' (2/28/06)

### Tubing Detail

2-3/8 inch(OD)  
4.7 # (weight)  
J-55 grade

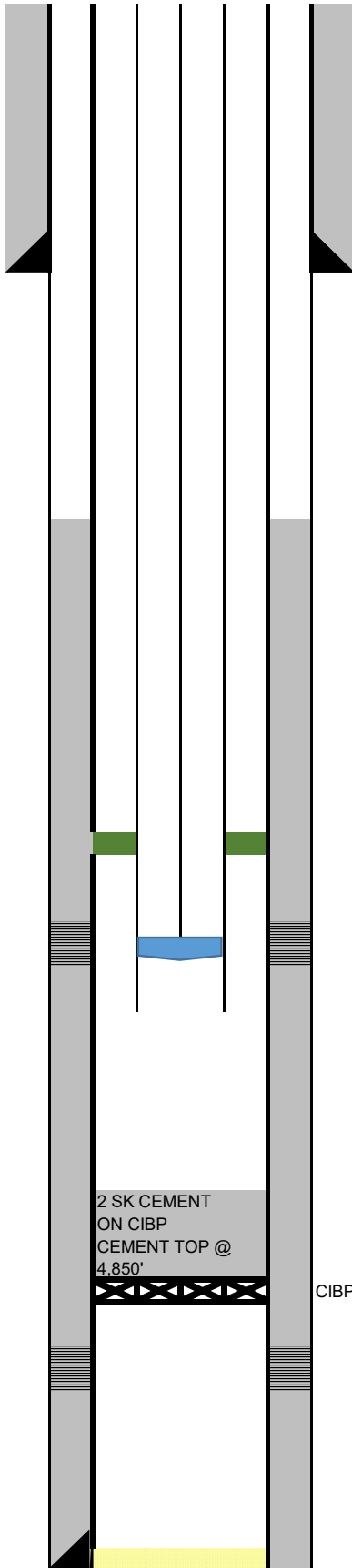
### Tubing Tally

|                    | <u>Length</u> | <u>Depth</u> |
|--------------------|---------------|--------------|
| KB                 | 13            | 13           |
| 1 - 8' sub         | 8             | 21           |
| 140 jts 2-3/8" tbg | 4420          | 4441         |
| TAC                | 4             | 4445         |
| 6 jts 2-3/8" tbg   | 190           | 4635         |
| SN                 | 1             | 4636         |
| Echometer Gas Sep  | 4             | 4640         |
| 2 jts 2-3/8" tbg   | 63            | 4703         |
| Bull Plug          | 0.5           | 4704         |

**Tubing:**  
2-3/8" J-55 EUE 8rd

## Well Notes:

Mid Lewis frac'ed with 120,000# sand



### Surface Casing

8-5/8 inch (OD)  
24 # (weight)  
J-55 grade  
514 depth from KB  
0 cement top      Visual Returns  
762 sacks of cement  
11.5 inch (OD) HOLE SIZE

### Production Casing

4-1/2" inch (OD)  
11.6 # (weight)  
N-80 grade  
5107 depth from KB  
2570 cement top CBL  
924 sacks of cement  
7-7/8 inch (OD) HOLE SIZE

### Rods Detail

3 / 4 inch(OD)  
1.63 # (weight)  
D grade

### Rod Tally

|                | <u>Length</u> | <u>Depth</u> |
|----------------|---------------|--------------|
| Polished Rod   | 22            | 22           |
| 170 3/4" rods  | 4250          | 4272         |
| 16 - 7/8" rods | 400           | 4672         |
| 1.5" pump      | 20            | 4692         |

### Proposed Perforations

Fort Union  
4,630' -4,646'  
96 holes  
.40" size

### Perforations

Mid Lewis  
4,940' - 4,960'  
4,976' - 4,982'  
4,996' - 5,008'  
132 holes  
.38" size

**PBTD: 5,070' (2-28-2006)**