

# Foundation Energy Management, LLC

## WELLBORE DIAGRAM

Well / Battery	Prospect Name		Total Depth	Current Status
Lion Government #7	Hiawatha West		4784	SI
Location	Sec-Twn-Rng		Producing Horizon	County & State
SESE	26-12N-101W		Lewis, Fort Union	Moffat, CO

### CURRENT WELLBORE DIAGRAM

#### General Info

API #: 05-081-07133

Spud Date: 7/17/1958

TVD: 4950'

#### Surface Casing

10-3/4 inch (OD)  
24 # (weight)  
J-55 grade  
537 depth from KB  
11 cement top Visual Returns  
176 sacks of cement  
11 inch (OD) HOLE SIZE

#### Production Casing

4-1/2 inch (OD)  
11.6 # (weight)  
N-80 grade  
4784 depth from KB  
1770 cement top CBL  
750 sacks of cement  
7/78 inch (OD) HOLE SIZE

#### Tubing Detail

Tbg parted @ 2994' (tbg corroded)

Packer @ 3852'

Below pkr 1.875 X-N w Bumper Spring and 6' pup

Bottom of tbg has 1.7780 X-N 8x 2-3/8 pup and vortex tool

#### Open Perforations

2518'-2918' Wasatch

3032'-4256' Fort Union

4294'-4608' Lewis

#### Well Notes: Formation Tops

Fm Name	Src	MD	SS	TVD
619FRUN	3	3,887	2,769	3,887
604LW/S	3	4,276	2,380	4,276
604MYRD *	3	4,845	1,811	4,845
MID_LEWIS_SAND	TAB	4,279	2,377	4,279
MID_LEWIS_SAND_B	TAB	4,340	2,316	4,340
LWR_FTUN_SAND	TAB	3,890	2,766	3,890
LWR_FTUN_UNCONMTY_KT	TAB	4,171	2,485	4,171
ALMD	TAB	4,845	1,811	4,845
ALMD_B	TAB	4,880	1,776	4,880

TD: 4,784'

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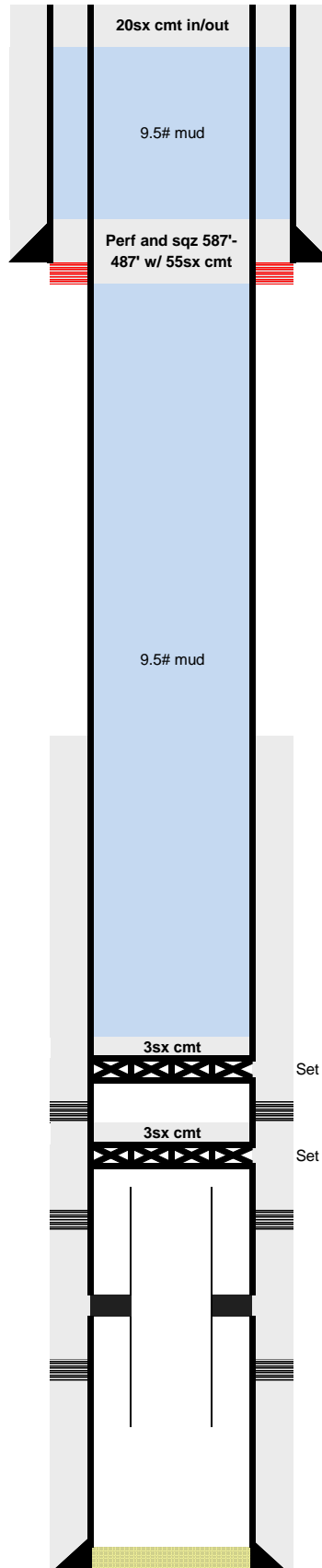
### PROPOSED WELLBORE DIAGRAM

#### General Info

API #: 05-081-07133

Spud Date: 7/17/1958

TVD: 4950'



#### Surface Casing

10-3/4 inch (OD)  
24 # (weight)  
J-55 grade  
537 depth from KB  
11 cement top Visual Returns  
176 sacks of cement  
11 inch (OD) HOLE SIZE

#### Production Casing

4-1/2 inch (OD)  
11.6 # (weight)  
N-80 grade  
4784 depth from KB  
1770 cement top CBL  
750 sacks of cement  
7/78 inch (OD) HOLE SIZE

TOC 1770'

#### Open Perforations

Set CIBP @ 2468'  
2518'-2918' Wasatch  
Set CIBP @ 2974'  
3032'-4256' Fort Union  
4294'-4608' Lewis

TD: 4,784'

#### Well Notes: Formation Tops

Fm Name	Src	MD	SS	TVD
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