

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

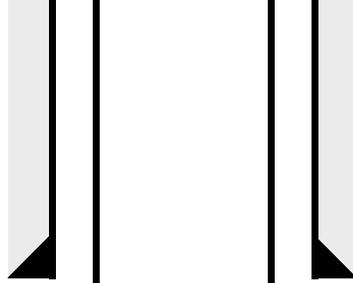
CURRENT WELLBORE DIAGRAM

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

TOC 1770'

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
604LWIS	3	4,276	2,380	4,276
604MVRD *	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_UNCNMTY_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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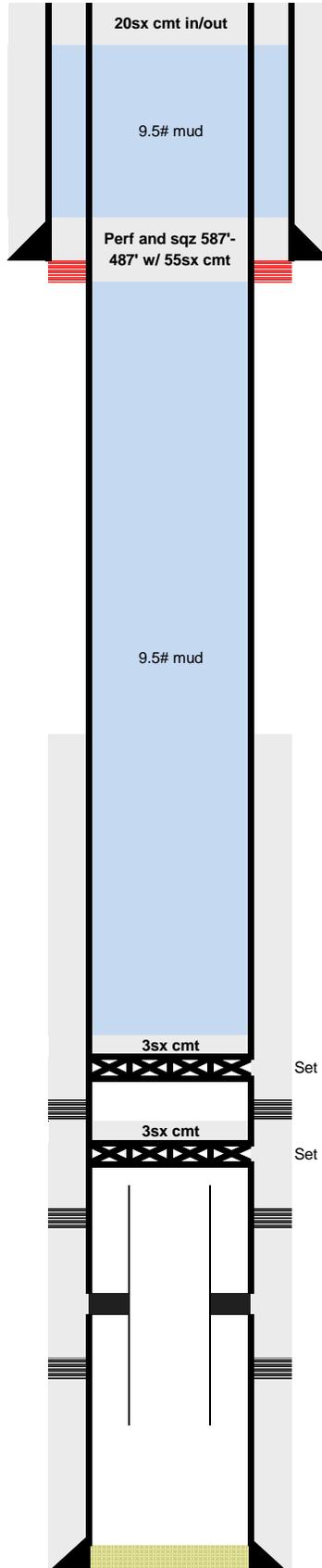
PROPOSED WELLBORE DIAGRAM

General Info

API #: 05-081-07133

Spud Date: 7/17/1958

TVD: 4950'



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- J-55 grade
- 537 depth from KB
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- 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



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