

MLAR11X25 is an ESP well that was previously found to have a surface casing leak, causing gas to communicate to the surface and bubble in the cellar when wet. When we rigged up on this well to attempt a perf and squeeze remediation on the surface casing, a good test of the production casing could not be acquired due to production casing integrity issues. To address this, the well will be plugged and abandoned. This well is on federal lease, meaning the BLM requirements on P&A have been considered in designing the wellbore and plan, in addition to the COGCC requirements. The well will be P&A'd with pumped cement at appropriate intervals, and the surface facilities will be abandoned, and the area reclaimed according to BLM requirements.

1. We will test the well's casing for integrity issues and isolate any leaking casing intervals in need of a cement plug. Any detected leaking intervals will be plugged across in accordance with applicable plugging rules at the appropriate stage during the planned cementing steps.
2. We will set a cast iron bridge plug within 100' of the well's perforations, then pump 100' of cement on top of the cast iron bridge plug, isolating the Weber producing formation.
3. We will pump a balanced cement plug across the interval 4000' to 4300', to cover a previously repaired casing leak.
4. We will set a cast iron cement retainer and perforate the casing at 3100' and squeeze up the production annulus with 500' of cement to cover the Frontier potential gas bearing formation, then will pump a 100' cement plug on top of the cement retainer.
5. We will also set a cast iron cement retainer and perforate at 1069', 60' below the surface casing shoe, and squeeze 500' of cement up the annulus between the production casing and surface casing, to remediate any communication with the surface from the surface casing. We will pump a 100' cement plug on top of the cement retainer, isolating the Mancos potential gas bearing formation.
6. Finally, we will pump a 60' cement plug down from the surface, plugging both the production and surface casing strings.
7. After the wellbore is plugged and abandoned, the surface facilities will be secured and abandoned according to BLM rules.

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Rangely Weber Sand Unit

LARSON MB 11X25 Proposed Wellbore

Well Details:	
STATE & CO	CO - Rio Blanco
TWNS & RNG	TN002 & RW102
SECTION	(SWSW) 25
API	51030717300
CHEVNO	DF3436

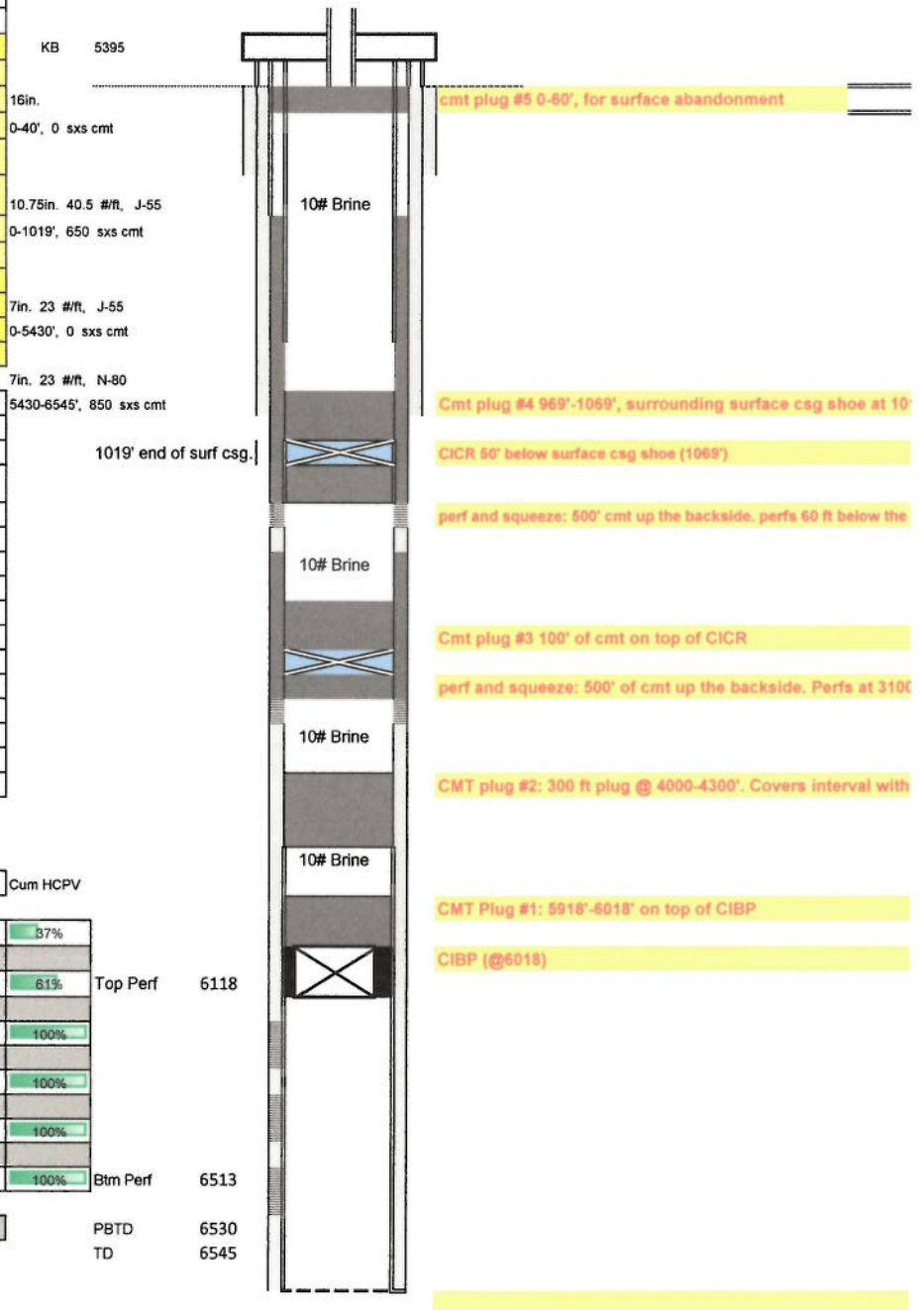
Casing Details:	
Type	Depth
KB	5395
16in. 0 #/ft, UNKNOWN	0-40', 0 sxs cmt
10.75in. 40.5 #/ft, J-55	0-1019', 650 sxs cmt
7in. 23 #/ft, J-55	0-5430', 0 sxs cmt
7in. 23 #/ft, N-80	5430-6545', 850 sxs cmt
Top Perf	6118
Bot Perf	6513
PBTD	6530
TD	6545

Formation	Depth
Mancos	0
Niobrara	2540
Frontier	3210
Frontier Snd	3349
Mowry	3532
Dakota	3626
Morrison	3729
Curtis	4323
Entrada	4451
Carmel	4600
Navajo	4634
Chinle	5238
Shinarump	5384
Moenkopi	5470
Weber	6100

GOC_CALC	5725	Cum HCPV
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Weber 1a	6100	37%
Weber 2	6260	
Weber 3a	6275	61%
Weber 4	6362	
Weber 5a	6383	100%
Weber 6	6503	
Weber 7a	6509	100%
Weber 8		
Weber 9a		100%
Weber 10		
Weber 11a		100%

OWC_CALC	6545	PBTD 6530
		TD 6545



****DOUBLE CHECK TUBING LANDING DETAIL IN WELL/TOUR FILE****

Notes:

- 1-
- 2-
- 3-
- 4-

Rangely Weber Sand Unit

LARSON MB 11X25 Current Wellbore

Well Details:	
STATE & CO	CO - Rio Blanco
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SECTION	(SWSW) 25
API	51030717300
CHEVNO	DF3436

Casing Details:	
Type	Depth
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10.75in. 40.5 #/ft, J-55	0-1019', 650 sxs cmt
7in. 23 #/ft, J-55	0-5430', 0 sxs cmt
7in. 23 #/ft, N-80	5430-6545', 850 sxs cmt
Top Perf	6118
Bot Perf	6513
PBTD	6530
TD	6545

Formation	Depth
Mancos	0
Niobrara	2540
Frontier	3210
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GOC_CALC	5725	Cum HCPV
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Weber 1a	6100	37%
Weber 2	6260	
Weber 3a	6275	61%
Weber 4	6382	
Weber 5a	6383	100%
Weber 6	8503	
Weber 7a	6509	100%
Weber 8		
Weber 9a		100%
Weber 10		
Weber 11a		100%

OWC_CALC	6545
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Top Perf 6118

Btm Perf 6513

PBTD 6530

TD 6545

KB 5395

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0-40', 0 sxs cmt

10.75in. 40.5 #/ft, J-55

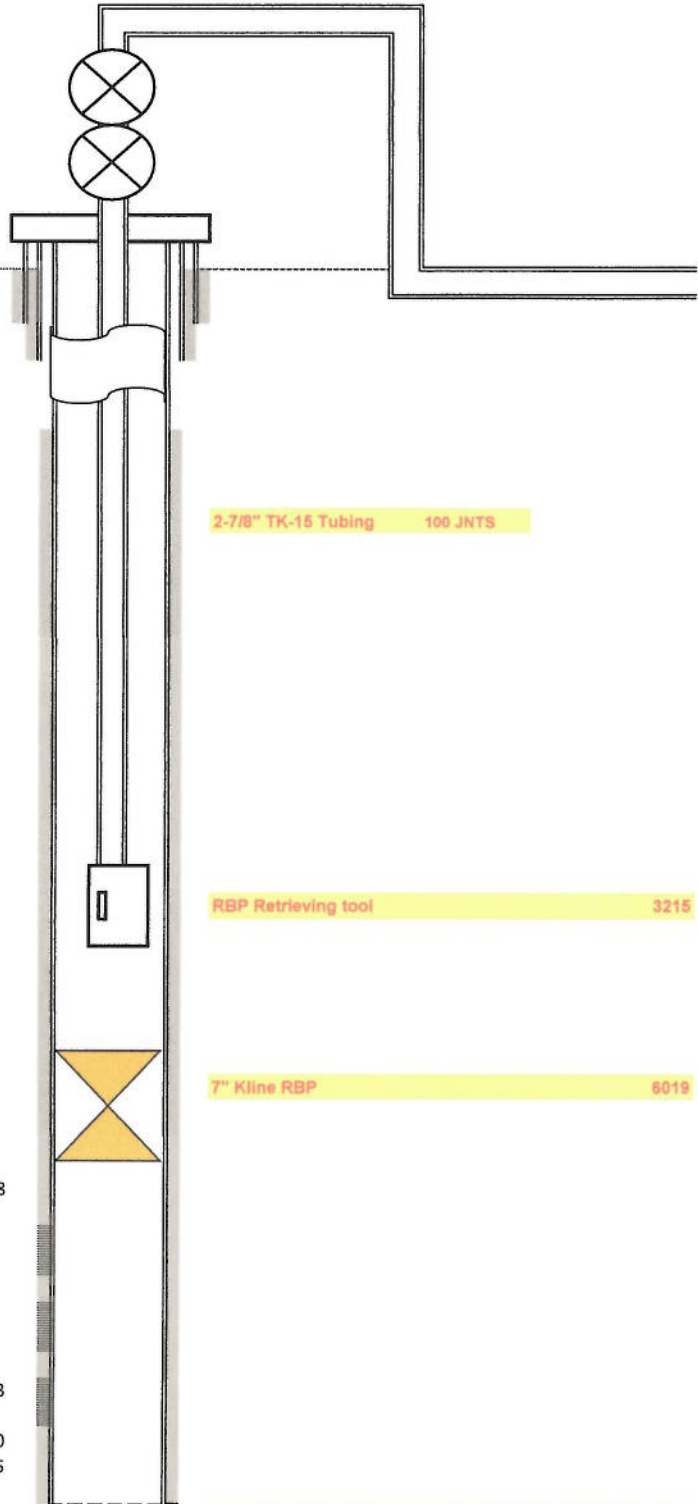
0-1019', 650 sxs cmt

7in. 23 #/ft, J-55

0-5430', 0 sxs cmt

7in. 23 #/ft, N-80

5430-6545', 850 sxs cmt



2-7/8\" TK-15 Tubing 100 JNTS

RBP Retrieving tool 3215

7\" Kline RBP 6019

****DOUBLE CHECK TUBING LANDING DETAIL IN WELL/TOUR FILE****

Notes:

- 1-
- 2-
- 3-
- 4-