

WORKOVER PROCEDURE

WELL NAME:	Mark 35-13		DATE:	9/6/2016			
LOCATION:							
Qtr/Qtr:	SWNE	Section:	35	Township:	4N	Range:	65W
Footages:	2080	FNL	&	1780	FEL		
COUNTY:	WELD		STATE:	CO		API #:	05-123-15886
ENGINEER:	Jeanne Van Slambrouck			7 Day Notice Sent:			
	(Please notify Engineer of any major changes prior to work)			Do not start operations until:			
				Notice Expires:			
OBJECTIVE:	P&A						
WELL DATA:							
Surface Csg:	8-5/8", 24# @ 475'				KB Elevation:	4,774	
Surface Cmt:	150 sx				GL Elevation:	4,763	
Long St Csg:	3-1/2", N-80, 9.30# @ 7,228'				TD:	7,228	
Long St Cmt:	170 sx				PBTD:	6,944	
Long St Date:	6/26/1992						
Plug Back (Sand or CIBP):	CIBP @ 6,950' set 4/17/2008						
Perforation Interval (1):	Niobrara Perforations: 6,782' - 6,866'						
Perforation Interval (2):	Codell Perforations: 7,064' - 7,076'						
Perforation Interval (3):							
Tubing:	2-1/16", J-55, 3.25# @ 6,891'				Rods:		
Pump:							
Misc.:	CIBP @ 6,950' set in 2008 for Nio recomple, tagged @ 6,944' on 6/21/2013						
PRODUCTION STATUS:	Producing, 0.5 bopd and 25 Mcfd, 400# / 400#						
COMMENTS:	Uneconomic to do Annular Fill and STEM						

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2-1/16" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6,732', dump bail 2 sx of cement on top.
Run CBL from 6,000' to surface to determine cement coverage in upper wellbore. If casing can be cut and pulled at or
4) above 2,500', call office for new procedure.
- 5) RU WL. RIH w/ perf gun. Perforate 3-1/2" casing @ 4,400' and 4,700'.
- 6) RIH w/ workstring. Set CICR @ 4,500'. Pump 105 sx cement through and 10 sx on top.
- 7) RIH w/ workstring to pump 15 sx balance plug from 4,150' to 4,450'
Check bradenhead pressure. If pressure still exists, perform Step 9. If No Pressure is found on the bradenhead,
8) proceed to Step 10
Review CBL. Determine location to perforate 3-1/2" casing at or above 2,500' and pump ~300' annular and casing
9) plug. Skip Step 10.
- 10) POOH w/ workstring to 2,500'. Pump 50 sx courtesy plug.
- 11) POOH w/ workstring to 585'. Pump 25 sx shoe plug. Cement to surface.
- 12) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 13) Cut surface casing off 6'-8' below ground.
- 14) Clean up location. Reclaim location. RDMO.