

WORKOVER PROCEDURE

WELL NAME:	NATIONAL HOG FARMS 21-21	DATE:	4/21/2016
LOCATION:			
Qtr/Qtr:	NENW	Section:	21
Footages:	660	Township:	5N
	FNL	1980	FWL
COUNTY:	WELD	STATE:	CO
		API #:	05-123-20815
ENGINEER:	BRIAN ULMER		
	(Please notify Engineer of any major changes prior to work)		
	7 Day Notice Sent: _____		
	Do not start operations until: _____		
	Notice Expires: _____		
OBJECTIVE:	P&A		
WELL DATA:			
Surface Csg:	8-5/8" 24# @ 401'	KB Elevation:	4,646
Surface Cmt:	285 sx	GL Elevation:	4,634
Long St Csg:	4-1/2" 11.6# N-80 @ 7402'	TD:	7,408
Long St Cmt:	431 sx	PBTD:	7,165.2
Long St Date:	5/11/2002		
Plug Back (Sand or CIBP):	CIBP @ 7250' with 13' cement on top		
Perforation Interval (1):	Niobrara Perforations: 6332' - 6500'		
Perforation Interval (1):	Codell Perforations: 6590' - 6600'		
Perforation Interval (2):	J-Sand Perforations: 7026' - 7084'		
Perforation Interval (3):	Dakota Perforations: 7302' - 7346'		
Tubing:	2-3/8" 4.7# J-55 @ 6582'	Rods:	
Pump:			
Misc.:			
PRODUCTION STATUS:	No sustained production in past 2 years. SI due to remediated environmental issue at tank battery.		
COMMENTS:	Base of Fox Hills - 294'. Deepest water well within 1 mi - 400'.		

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) Unflange WH and POOH with production tubing.
- 3) RU WL. RIH w/ CIBP and set @ 6976'. Dump bail 2 sx cement on top.
- 4) RIH w/ CIBP and set @ 6282'. Dump bail 2 sx cement on top.
- 5) Unland casing. Cut casing off @ 2500'. POOH w/ csg laying down on trailer.
- 6) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 7) POOH w/ workstring to 550'. Pump 200 sx shoe plug. Cement to surface.
- 8) SI, WOC. RIH. Tag shoe plug. Add cmt if needed.
- 9) Cut surface casing off 6-8' below ground.
- 10) Clean up location. Reclaim location. RDMO.