WORKOVER PROCEDURE

WELL NAME: Bashor State AA16-25 **DATE:** 11/17/2016

LOCATION:

Qtr/Qtr: NE/SW Section: 16 Township: 6N Range: 63W

Footages: &

COUNTY: WELD STATE: CO API #: 05-123-26117

ENGINEER: Dustin Stevens

(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# J-55 @ 526'	KB Elevation:	4693
Surface Cmt:	255	GL Elevation:	4679
Long St Csg:	4 1/2 " 11.60 M-80 @ 6899'	TD:	6906
Long St Cmt:	820	PBTD:	6860
Long St Date:	8/27/2007		

Plug Back (Sand or CIBP):

Perforation Interval (1): Niobrara Perforations 6469'-6586'

Perforation Interval (2): Codell Perforations 6746'-6756'

Perforation Interval (3):

Tubing: 2 3/8" 4.7# J-55 @ 6733' Rods:

Pump:

Misc.:

PRODUCTION STATUS: SI

COMMENTS:

PROCEDURE:

1) Complete a form 17
2) MIRU Workover rig, pump & tank.
3) POOH w/ 2 3/8" tbg and lay down.
4) RU WL. RIH w/ CIBP. Set CIBP @ 6419', dump bail 2 sx of cement on top.
5) Unland casing. Cut casing off @ 1900'. POOH w/ casing 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 626'. Pump 200 sx shoe plug. Cement to surface.
8) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
9) Cut surface casing off 6'-8' below ground.
10) Clean up location. Reclaim location. RDMO.

Csg/Hole ID	8.098	inches
Depth	704	feet
Yield	1.15	ft^3/sack
# of Sacks	218.96	sacks

Csg OD	4.5	inches
Hole ID	9	inches
Depth	100	feet
Yield	1.15	ft^3/sack
# of Sacks	28.81	sacks

OD	Weight	ID
2.375	4.00	2.041
	4.60	1.995
	4.70	1.995
	5.80	1.867
	5.95	1.867
	6.60	1.785
	7.35	1.703
	7.45	1.703
2.875	6.40	2.441
	6.50	2.441
	7.80	2.323
	7.90	2.323
	8.60	2.259
	8.70	2.259
	9.35	2.195
	9.45	2.195
	10.50	2.091
	11.50	1.995
3.500	7.70	3.068
	9.20	2.992
	9.30	2.992
	10.20	2.922
	12.70	2.750
	12.95	2.750
	14.30	2.640
	15.50	2.548
	17.00	2.440
4.500	9.50	4.090
	10.50	4.052
	11.60	4.000
	13.50	3.920
	15.10	3.826
5.500	14.00	5.012
	15.50	4.950
	17.00	4.892
	20.00	4.778
	23.00	4.670
	26.80	4.500
	29.70	4.376
	32.60	4.250

	35.30	4.126
	38.00	4.000
	40.50	3.876
	43.10	3.750

NOBLE ENERGY INC.

Bashor State AA16-25
NESW 16-6N-63W
&
WELD COUNTY, CO
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
11/17/2016

API: 05-123-26117
COGCC #

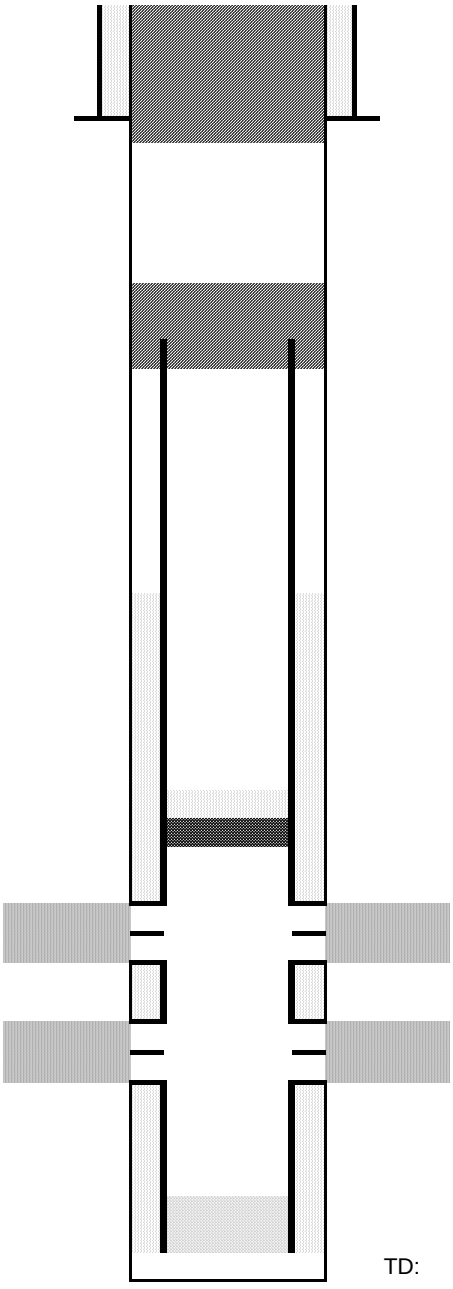
GL Elev: 4679
KB Elev: 4693

Spud Date: 8/24/2007

Surface Casing :
8 5/8" 24# J-55 @ 526'
Cement: 255
TOC: Surface

TOC @ 2000'

Production Casing :
4 1/2 " 11.60 M-80 @ 6899'
Cement: 820
TD: 8/27/2007



Cut surface casing off 6'-8' below surface.

Pump approx 200 sx shoe plug @ 626'
Will bring cement to surface.

WW	**450**	**600**
FH	**372**	**522**
SC	**526**	**626**

Pump 100 sx stub plug where csg was pulled
Cut and pull csg @ 1900'

CIBP @ 6419' w/ 2 sx cement on top

Niobrara Perforations 6469'-6586'

Codell Perforations 6746'-6756'

TD: 6906