



Fw: EXTERNAL: Re: Fw: Monfort Gilcrest K08-16 P&A Procedure

Ryan Olson to: Paula Phifer, Joe Brnak

03/13/2014 01:01 PM

Cc: Johanna Ostrum

See attached P&A procedure and COGCC verbal approval below with COA's

Ryan Olson
Production Engineer
Wattenberg Business Unit

direct: (720) 587-2370
Cell: (970) 987-4603
rolson@nobleenergyinc.com



MONFORT GILCREST K08-16 P&A Procedure.xlsx

----- Forwarded by Ryan Olson/Denver/NobleEnergy/Samedan on 03/13/2014 01:00 PM -----

From: "Jenkins - DNR, Steve" <steve.jenkins@state.co.us>
To: rolson@nobleenergyinc.com
Date: 03/13/2014 12:49 PM
Subject: EXTERNAL: Re: Fw: Monfort Gilcrest K08-16 P&A Procedure

Ryan:

Please accept this email as confirmation of the verbal approval to plug the Monfort Gilcrest K08-16 well, API NO 123-11291. Please see COA's below for the plugging procedure.

Thanks, and have a great day,

Steve

COA's for plugging:

Note changes to plugging procedure:

- 1) Provide 48 hour notice of plugging MIRU via electronic Form 42.
- 2) For 2430' plug: pump plug and displace. If surface casing plug not circulated to surface then tag plug and provide 10 sx plug at the surface. Leave at least 100' cement in the casing for each plug.
- 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete.

On Thu, Mar 13, 2014 at 11:56 AM, <rolson@nobleenergyinc.com> wrote:

Ryan Olson
Production Engineer
Wattenberg Business Unit

direct: (720) 587-2370
Cell: (970) 987-4603
rolson@nobleenergyinc.com



----- Forwarded by Ryan Olson/Denver/NobleEnergy/Samedan on 03/13/2014 11:54 AM -----

From: Jonathan Pomerantz/NobleEnergy/Samedan
To: Ryan Olson/Denver/NobleEnergy/Samedan@Samedan
Cc: Seth Gordon/Denver/NobleEnergy/Samedan@Samedan, Marilyn Tucker/NobleEnergy/Samedan@Samedan
Date: 03/13/2014 11:35 AM
Subject: Monfort Gilcrest K08-16 P&A Procedure

Ryan,

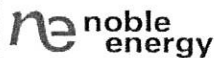
Attached is the completed P&A procedure for the Monfort Gilcrest K08-16 to start the process of getting verbal approval from the state. Marilyn will submit the Form 6 as well and we can go from there. Let me know if you have any questions.

Thanks,

Jonathan Pomerantz

Jonathan Pomerantz
Production Engineer
Base Production - Greeley

direct: 970.304.5222
cell: 970.397.7617
jpomerantz@nobleenergyinc.com



The information contained in this e-mail and any attachments may be confidential. If you are not the intended recipient, please understand that dissemination, copying, or using such information is prohibited. If you have received this e-mail in error, please immediately advise the sender by reply e-mail and delete this e-mail and its attachments from your system.

--

Stephen C. Jenkins, P.E., C.P.E.S.C.

Northeast Area Engineer

Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801

Denver, Colorado 80203

WORKOVER PROCEDURE

WELL NAME: MONFORT GILCREST K08-16 DATE: 3/13/2014
 LOCATION: _____
 Qtr/Qtr: SE/SE Section: 8 Township: 4N Range: 66W
 COUNTY: _____ STATE: CO API #: 05-123-11291

ENGINEER:	JONATHAN POMERANTZ	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# @ 462'	KB Elevation:	4714'
	Surface Cmt:	300 sx	GL Elevation:	4701'
	Long St Csg:	4 1/2 11.6# @ 7333'	TD:	7336'
	Long St Cmt:	300 sx	PBTD:	7333'
	Long St Date:	8/12/1983		

Plug Back (Sand or CIBP):	
Perforation Interval (1):	Niobrara Perforations 6944' - 7111'
Perforation Interval (2):	Codell Perforations 7218' - 7234'
Perforation Interval (3):	
Tubing:	2 3/8" 4.7# J-55 tbg @ 6572' Rods:
Pump:	
Misc.:	Composite Bridge Plug w/ 2 sx cement @ 6895'

PRODUCTION STATUS: _____
COMMENTS: _____

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2 3/8" tbg and lay down.
- 3) RU WL. RIH w/CIBP. Set CIBP @ 6859' (directly above composite bridge plug), dump bail 2 sx of cement on top.
- 4) RIH w/ workstring to pump 60 sx balance plug @ 5250'. SI, WOC. RIH. Tag balance plug @ approx 4460'.
- 5) Unland casing. Cut casing off @ 2430'. POOH with casing laying down on trailer.
- 6) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, do not need to tag plug.
- 7) POOH w/workstring to 570'. Pump approx 200 sx shoe plug. Cement to surface.
- 8) RIH. Tag shoe plug. Add cement if needed.
- 9) Cut surface casing off 6'-8' below ground.
- 10) Clean up location. Reclaim location. RDMO.

NOBLE ENERGY INC.
MONFORT GILCREST K08-16
SESE 8-4N-66W
660' FSL & 990' FEL
Weld County, Colorado
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
3/13/2014

API: 05-123-11291
 COGCC #

GL Elev: 4701'
 KB Elev: 4714'

Spud Date: 8/6/1983

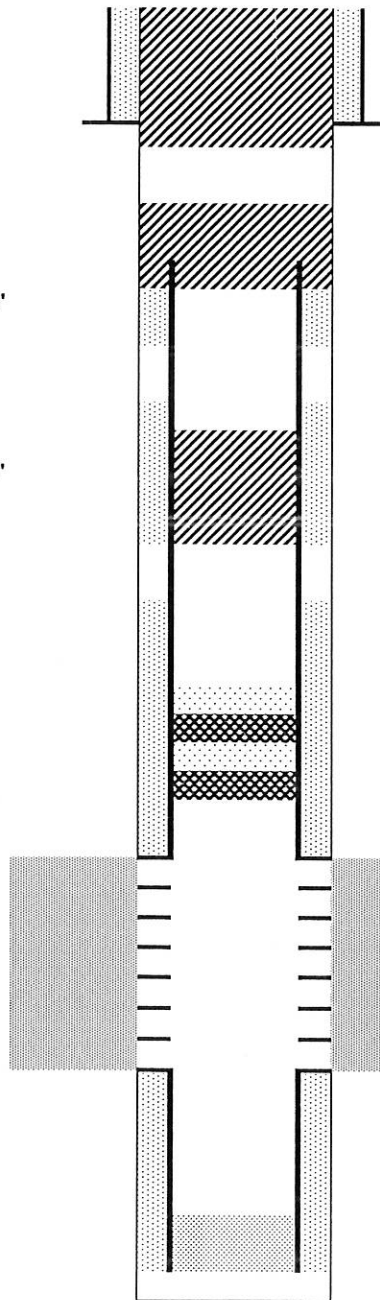
Surface Casing :
 8 5/8" 24# @ 462'
 Cement: 300 sx
 TOC: Surface

Casing Repair Cement from 2450' to 3515'

Casing Repair Cement from 4080' to 5250'

TOC @ 6135'

Production Casing :
 4 1/2 11.6# @ 7333'
 Cement: 300 sx
 TD: 8/12/1983



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

Pump approx 200 sx shoe plug @ 570'
 Will bring cement to surface.

Pump 100 sx stub plug where csg was pulled
 Cut and pull csg @ 2430'

60 sx Balance Plug @ 5250'

CIBP @ 6859' w/ 2 sx cement on top

Composite BP @ 6895' w/ 2 sx cement on top (current)

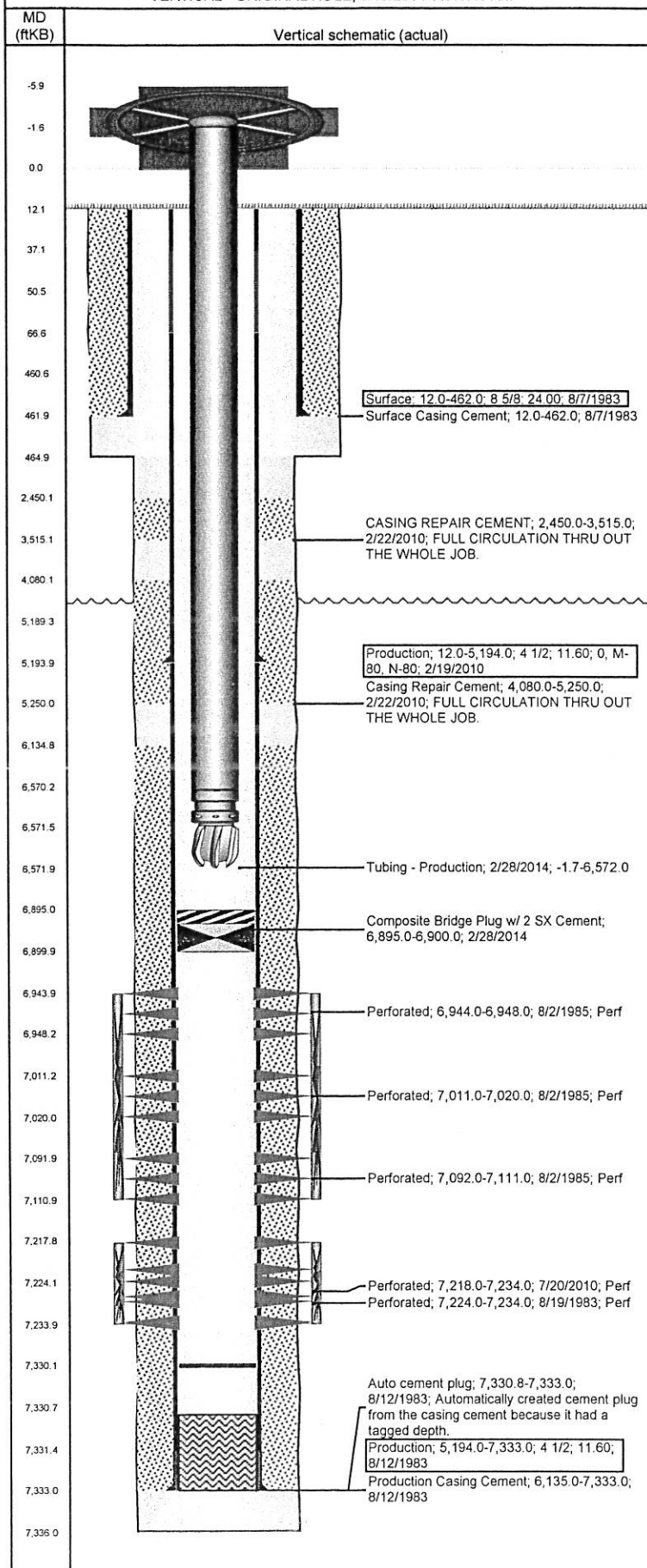
Niobrara Perforations 6944' - 7111'

Codell Perforations 7218' - 7234'

TD: 7336'

Well Name: **MONFORT GILCREST K08-16**

VERTICAL - ORIGINAL HOLE, 3/13/2014 11:43:48 AM



Well Header

API	05-123-11291	Business Unit	WATTENBERG	District	15	Well Config	VERTICAL
Original KB Elevation (ft)	4,714.00	KB - GL / MSL (ftKB)	12.00	Spud Date	8/6/1983	P & A Date	
Comment							

Directions To Well
CR 29/ CR 46 - N100' - WEST INTO.

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SE	SE	8	4	N	66	W

Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
8/12/1983	7,333.0	TAG	GUIDE SHOE
2/22/2010	7,330.8	TAG	CLEAN OUT TO HARD TAG.
4/19/2010	7,330.0	TAG	CLEAN OUT FILL TO HARD TAG.

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12.0	465.0
PRODUCTION	7 7/8	465.0	7,336.0

Zone Statuses

Zone Name	Status Date	Status	Job
CODELL	9/5/1983	PR	DRILLING/COMPLETION - ORIGINAL, 8/6/1983 00:00
CODELL	8/8/1985	PR	RECOMPLETION, 8/1/1985 00:00
CODELL	2/10/2010	SI	CASING REPAIR, 2/8/2010 13:30
CODELL	8/31/2010	PR	RE-FRAC, 7/19/2010 06:00
NIOBRARA	8/8/1985	PR	RECOMPLETION, 8/1/1985 00:00

Casing Strings

Surface, 462.0ftKB

Casing Description	Run Date	OD (in)	WVLen (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	8/7/1983	8 5/8	24.00		12.0	462.0

Production, 5,194.0ftKB

Casing Description	Run Date	OD (in)	WVLen (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	2/19/2010	4 1/2	11.60	M-80	12.0	5,194.0

Production, 7,333.0ftKB

Casing Description	Run Date	OD (in)	WVLen (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	8/12/1983	4 1/2	11.60		12.0	7,333.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Surface Casing Cement	12.0	462.0
Production Casing Cement	6,135.0	7,333.0
CASING REPAIR CEMENT	2,450.0	3,515.0
Casing Repair Cement	4,080.0	5,250.0

Tubing Components

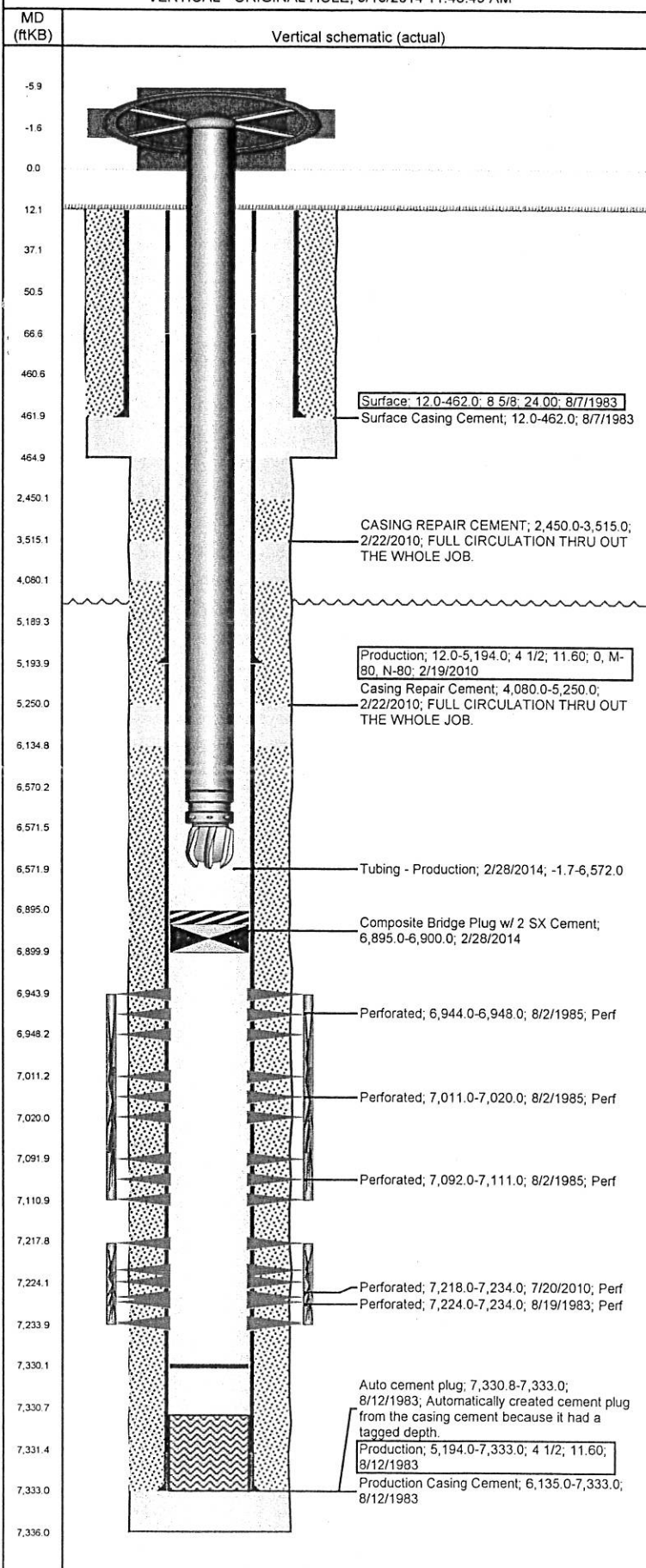
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	213	6,572.00	6,570.3	
Pump Seating Nipple	2 3/8	1.10	X	1	1.10	6,571.4	
Blade Bit	2 3/8		X	1	0.60	6,572.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	3	6,944.00	6,948.00	8/2/1985
NIOBRARA, ORIGINAL HOLE	B	4	7,011.00	7,020.00	8/2/1985
NIOBRARA, ORIGINAL HOLE	C	4	7,092.00	7,111.00	8/2/1985
CODELL, ORIGINAL HOLE		64	7,218.00	7,234.00	7/20/2010
CODELL, ORIGINAL HOLE		20	7,224.00	7,234.00	8/19/1983

Well Name: MONFORT GILCREST K08-16

VERTICAL - ORIGINAL HOLE, 3/13/2014 11:43:49 AM



Stimulations & Treatments

Date	Zone	Primary Job Type
9/3/1983	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Technical Result	Tech Result Details	Tech Result Note
------------------	---------------------	------------------

Comment

Date	Zone	Primary Job Type
8/3/1985	NIOBRARA, ORIGINAL HOLE	RECOMPLETION

Technical Result	Tech Result Details	Tech Result Note
------------------	---------------------	------------------

Comment

Date	Zone	Primary Job Type
8/10/2010	CODELL, ORIGINAL HOLE	RE-FRAC

Technical Result	Tech Result Details	Tech Result Note
------------------	---------------------	------------------

Success According to Plan

Comment
CODELL REFRAC. TREATMENT WENT WELL. HAD TROUBLE MAINTAINING PROP CONCENTRATION DUE TO WET SAND AND WE LOST DENSITY DURING A GATE SWAP DUE TO WET SAND. AVG NOLTE +0.04.

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
2/28/2014	Composite Bridge Plug w/ 2 SX Cement	3.9	6,895.0	6,900.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
8/12/1983	DENSITY NEUTRON	6,800.0	7,334.0
8/12/1983	DUAL INDUCTION	462.0	7,334.0
8/19/1983	CEMENT BOND	5,700.0	7,270.0
2/12/2010	CBL/CCL/GR	0.0	7,270.0
5/17/2013	GYRO	12.0	7,200.0