2154 West Eisenhower Boulevard | Loveland, Colorado 80537 | 970-669-7411
info@petersonenergy.com | www.petersonenergy.com

PETERSON ENERGY MANAGEMENT INC.

Daily Completion Report

Date	Company	Well Name & Number	County	State	API Number	GL	KB
10/28/14	Bayswater	Robel 19-28	Weld	CO	05-123-34201	4852	4862

Report Day	TVD	TMD	PBTD	QtrQtr Sec-Twp-Rge	Daily Cost	Cumulative Cost	AFE Amount
5	0'	7,321'	7,296'	NW SW 28-T7N-R64W	$165,712	$261,255	$0

Summary
Frac Nio A

Supervisor
Baldwin / Ferguson

Time Log From	To	Hrs	
0:00	2:11	2:11	Waiting on HES to finish stimulation of Niobrara B formation on 12-28 Well
2:11	2:16	0:05	HES pressure test to 6565 psi. KO = 5800 psi. to 5850 psi. MP = 6800 psi.
2:16	2:19	0:03	HES Opening WH for Niobrara A formation w/ perforations @ 6,834' - 6,844'
2:19	2:19		SIWP = 2,878 psi, Formation break at 4,465 psi and 3.45 bpm.
2:19	2:26	0:07	Pump 10,054 gals FR pad at 5,334 psi and 53.4 bpm, Reverse step rate, SD
2:26	2:31	0:05	ISIP = 3,678 psi, FG = 0.966 psi/ft, 1 min = 3,473 psi, 4 min = 3,258 psi, Leakoff = 218 psi/3 min
			Total Friction = 1,656 psi, NWB = 307 psi, Perf = 44 psi, WB = 1,305 psi, Perfs open = 24 holes
2:31	2:46	0:15	Ran .50 ppg scour 2000 lbs. due to high pressure. Some relief was noticed.
2:46	2:48	0:02	Pump 38,357 gals FR pad at 5,568 psi and 53.5 bpm
2:46	3:05	0:19	Pump 41,790 gals FR water with sand ramping from 0.35 ppg - 0.84 ppg 30/50 White at 5,753 psi and 53.6 bpm
			Killed screws and proceeded to flush well. displaced 2,142 gals before pumps kicked out. Brought trucks back up and tried
			to finish flush but was not able to continue. Left 2100 lbs. of 30/50 sand in wellbore
3:05	3:10	0:05	Flush with 2,142 gals of FR water ; SD.
3:10	3:15	0:05	ISDP = 3902 psi, FG = 0.99 psi/ft, 1 min = 3,539 psi, 4 min = 3,384 psi, Leakoff = 155 psi/3 min
			Avg pressure = 5,454 psi, Max pressure = 5,695 psi, Avg rate = 54.9 bpm, Max rate = 59.9 bpm
			92,829 gals FR Fluid, 41,790 gals SLF, 24,450lbs. 30/50 White, 2,210 BLTR
3:15	3:30	0:15	HES RDMO Wellhead and currently waiting on Allied to finish wireline run on 12-28.
			SIWH w/ 3200 psi. on well.
9:00	9:30	0:30	MIRU Flowback
TOTAL HOURS:		4:02	

Perforation Record					TUBING DESC. (Top to Bottom)							
	DEPTH		PLUGS		# Jts.	Desc.	Size	Grade	Thread	Weight	Length	Set @
Formation	From	To	Frac Plug	CIBP								
Codell	7104	7118										
CIBP				7070								
Nio C	7014	7030										
Nio B	6930	6950	6980									
Nio A	6834	6844	6900									

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Report Day	TVD	TMD	PBTD	QtrQtr Sec-Twp-Rge	Daily Cost	Cumulative Cost	AFE Amount
4	0'	7,321'	7,296'	NW SW 28-T7N-R64W	$1,915	$95,543	$0

Summary	Supervisor
Frac Nio C & Nio B	Baldwin / Ferguson

Time Log From	To	Hrs	
4:00	9:15	5:15	Finish MIRU HES iron & wellhead connection, Pressure test to 6,800 psi, Max is 5,800 psi. KO 5,800 psi, PJSM
9:15	9:45	0:30	HES Blender down due to CLA-Web transfer pump hydraulics.
9:45	11:30	1:45	SIWP = 152 psi, Formation break at 4652 psi and 10.9 bpm, Pump 1,000 gal. 15% HCL Acid
			Pump 14,532 gals FR pad at 4,800 psi and 39 bpm, Reverse step rate, SD
			ISIP = 3,659 psi, FG = 0.954 psi/ft, 1 min = 3,499 psi, 4 min = 3,318 psi, Leakoff = 181 psi/3 min
			Total Friction = 1,102 psi, NWB = 313 psi, Perf = 286 psi, WB = 503 psi, Perfs open = 23 holes
			Pump 42,630 gals FR pad at 4,940 psi and 49.5 bpm
			Pump 102,732 gals FR water with sand ramping from 0.35 ppg - 1.5 ppg 30/50 White at 5,460 psi and 58.5 bpm
			Flush with 8,190 gals of FR water and 1,000 gal. 15% HCL Acid
			ISDP = 3,421 psi, FG = 0.92 psi/ft, 1 min = 3,323 psi, 4 min = 3,249 psi, Leakoff = 74 psi/3 min
			Avg pressure = 5,176 psi, Max pressure = 5,438 psi, Avg rate = 52.5 bpm, Max rate = 58.8 bpm
			160,568 gals FR Fluid, 133,049 gals SLF, 98,006 lbs 30/50 White, 3,871 BLTR
11:30	13:15	1:45	Top valve replaced after leaking by again. Wind exceeding 30mph.
13:15	15:45	2:30	Standby with wind speeds exceeding 25mph & while HES Frac Nio C on Robel 12-28
15:45	17:23	1:38	Standby with wind speeds exceeding 30mph
18:23	18:47	0:24	Allied Wireline RIH to a 6980' collorate with CBL w/ SJ @ 6738' - 6758'
18:47	18:52	0:05	Allied Wireline Set plug @ 6,980' w/ LT from 1,068lbs dropping to 1,038lbs
18:52	18:54	0:02	Allied Wireline Perforated from 6950' - 6930' 0.42" EHD w/ 4SPF
18:54	19:19	0:25	POOH to surface verified shots fired and plug is set.
19:19	19:42	0:23	HES pressure test to 6565 psi. KO = 5800 psi. to 5850 psi. MP = 6800 psi.
19:42	19:47	0:05	HES Opening WH for Niobrara B formation w/ perforations @ 6950' - 6930'
			SIWP = 1,770 psi, Formation break at 5,231 psi and 3.85 bpm.
19:47	20:00	0:13	Pump 10,569 gals FR pad at 5,317 psi and 44.3 bpm, Reverse step rate, SD
			ISIP = 3,543 psi, FG = 0.93 psi/ft, 1 min = 3,464 psi, 4 min = 3,240 psi, Leakoff = 224 psi/3 min
			Total Friction = 1,774 psi, NWB = 279 psi, Perf = 750 psi, WB = 745 psi, Perfs open = 17.3 holes
20:00	20:33	0:33	Pump 65,224 gals FR pad at 5,357 psi and 59.8 bpm
20:33	22:00	1:27	Pump 204,494 gals FR water with sand ramping from 0.35 ppg - 1.25 ppg 30/50 White at 5,695 psi and 59.9 bpm
			Ran Short on Sand due to PSI.
22:00	22:08	0:08	Flush with 3,990 gals of FR water and 500 gal. 15% HCL Acid; SD.
			ISDP = 3,379 psi, FG = 0.922 psi/ft, 1 min = 3,355 psi, 4 min = 3,310 psi, Leakoff = 45 psi/3 min
			Avg pressure = 5,454 psi, Max pressure = 5,695 psi, Avg rate = 54.9 bpm, Max rate = 59.9 bpm
			284,277 gals FR Fluid, 204,494 gals SLF, 136,192lbs. 30/50 White, 6,780 BLTR
22:08	22:58	0:50	Turn WH over to Allied Wireline for perforation of Niobrara A formation.
22:58	23:39	0:41	Allied Wireline RIH to a 6900' collorate with CBL w/ SJ @ 6738' - 6758'
23:39	23:42	0:03	Allied Wireline Set plug @ 6,900' w/ LT from 1,054lbs dropping to 1,035lbs
23:42	23:46	0:04	Allied Wireline Perforated from 6,834' - 6,844' 0.42" EHD w/ 4SPF
23:46	23:59	0:44	POOH to surface verified shots fired and plug is set.
			DCR CONT ON NEXT DAY
TOTAL HOURS:		19:30	

Perforation Record				
	DEPTH		PLUGS	
Formation	From	To	Frac Plug	CIBP
Codell	7104	7118		
CIBP				7070
Nio C	7014	7030		
Nio B	6930	6950	6980	
Nio A	6834	6844	6900	

TUBING DESC. (Top to Bottom)

# Jts.	Desc.	Size	Grade	Thread	Weight	Length	Set @

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10/26/14	Bayswater			Robel 19-28	Weld	CO	05-123-34201	4852	4862
Report Day	**TVD**	**TMD**	**PBTD**	**QtrQtr Sec-Twp-Rge**	**Daily Cost**		**Cumulative Cost**	**AFE Amount**	
3	0'	7,321'	7,296'	NW SW 28-T7N-R64W	$8,503		$93,628	$0	
Summary								**Supervisor**	
								S. Anderson	

Time Log From	To	Hrs	
6:00	8:00	2:00	Wait on wireline to travel from shop. Scheduled to be on location @ 08:00 am
8:00	11:00	3:00	MIRU Allied WL Robel 19-28
11:00	12:47	1:47	RIH GR/CCL/CBL, Log from 7070'-0', TOC at 230'.
12:47	14:05	1:18	RIH set CIBP @ 7070'
			Perforate Niobrara C from 7014'-7030', 4 SPF, 56 shots, 0.42" EHD, 19 gr, 35.6" penetration, 120° phasing, slick gun
			Swap wireline over to the 12-28
TOTAL HOURS:		8:05	

Perforation Record					TUBING DESC. (Top to Bottom)							
	DEPTH		PLUGS		# Jts.	Desc.	Size	Grade	Thread	Weight	Length	Set @
Formation	From	To	Frac Plug	CIBP								
Codell	7104	7118										
CIBP				7070								
Nio C	7014	7030										