



# Daily Completion and Workover (legal size)

Well Name: Nauta 1

Report # 1.0, Report Date: 3/3/2019

Phase:

Well Name Nauta 1	API 05-123-07135-00	License #	Excalibur ID	Operator Gross*Todd	Government Authority Fee
Well Configuration Type	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 21 T11N R63W	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum NAD 83
Latitude (°) 40° 54' 47.779" N	Longitude (°) 104° 26' 42.173" W	Basin DJ Basin	Field Name Non-Operated	County Weld	State/Province Colorado

<b>Jobs</b>							
Job Category Abandon		Primary Job Type Abandon Well			Start Date		End Date
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) 134,295.00	Total Final Invoice (Co...)	AFE - Field Est (Cost)	Total Depth Drilled (ft)

<b>Daily Operations</b>							
Report Start Date 3/3/2019	Report End Date 3/4/2019	Status at Reporting Time 00 PLUG & ABANDON		Weather	T (°F)	Road Condition	
24 Hour Summary MI/RU Pioneer WOR 135, Spot in base beam and Tanks Spot in WOR, Pipe Float and RU, NU BOP Spot in power swivel and PU Swivel. Hammer up hard lines and pump lines,			Operations @ 6:00 AM MI/RU		Operations Next Report Period RIH		
Diesel Used (gal)				Total Rig Power (hp)			

<b>Daily Contacts</b>							
Contact Name Richard Behrendt				Office 970-260-8693			

<b>Daily Time Breakdown</b>								
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	09:00	3.00	3.00	inactive	inactive			Wait on Winch Trucks
09:00	11:00	2.00	5.00	RMOV	Rig Move			MR and equipment from the CC-16SE to the Nauta
11:00	16:00	5.00	10.00	SRIG	Rig Up/Down			Spot in base beam and WOR, Spot in tanks and pump, Spot in Pipe Float and rest of support Equipment
16:00	06:00	14.00	24.00	LOCL	Lock Wellhead & Secure			Secure Well

<b>Safety Checks</b>							
Time	Des	Type	Com				

<b>Logs</b>							
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?			

<b>Perforation Summary</b>							
Date	Linked Zone	Top (ftKB)	Btm (ftKB)	Current Status			

<b>Stimulations Summary</b>							
Start Date	Type	Stim/Treat Company	Min Top Depth (ftKB)	Max Btm Depth (ftKB)			

<b>Stimulation/Treatment Stages</b>							
Stg #	Type	Vol Slurry Total (gal)					

<b>Other In Hole</b>							
Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)			

<b>Cement</b>							
Des	Start Date	Cement Comp					

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## Daily Completion and Workover (legal size)

**Well Name: Nauta 1**

**Report # 2.0, Report Date: 3/4/2019**

**Phase:**

Well Name <b>Nauta 1</b>	API <b>05-123-07135-00</b>	License #	Excalibur ID	Operator <b>Gross*Todd</b>	Government Authority <b>Fee</b>
Well Configuration Type	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 21 T11N R63W	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum <b>NAD 83</b>
Latitude (°) 40° 54' 47.779" N	Longitude (°) 104° 26' 42.173" W	Basin <b>DJ Basin</b>	Field Name <b>Non-Operated</b>	County <b>Weld</b>	State/Province <b>Colorado</b>

<b>Jobs</b>							
Job Category <b>Abandon</b>		Primary Job Type <b>Abandon Well</b>			Start Date		End Date
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) <b>134,295.00</b>	Total Final Invoice (Co...)	AFE - Field Est (Cost)	Total Depth Drilled (ft)

<b>Daily Operations</b>								
Report Start Date <b>3/4/2019</b>		Report End Date <b>3/5/2019</b>		Status at Reporting Time <b>00 PLUG &amp; ABANDON</b>		Weather	T (°F)	Road Condition
24 Hour Summary Start Equipment, PU Bit RIH With Collars X/O To Workstring RIH Drill out surface cement, Wash down the well.				Operations @ 6:00 AM Start equipment		Operations Next Report Period RIH		
Diesel Used (gal)				Total Rig Power (hp)				

<b>Daily Contacts</b>	
Contact Name	Office
<b>Richard Behrendt</b>	<b>970-260-8693</b>

<b>Daily Time Breakdown</b>									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com	
06:00	09:30	3.50	3.50	GOP	General Operations			Start equipment, Negative 21 Got WOR Loader Heater and Power Swivel started, started Rig Pump	
09:30	17:30	8.00	11.50	RUT B	Run Tubing			PU 6 1/8 Tri Cone Bit X/O to 6 Drill collars RIH. Drill thru short cement plug and continue to wash down hole. PU 11-2-3/8 PH6 Workstring @520.84'  1- 6-1/8 Bit 1-Bit Sub 1-X/O 6-3.5" Drill Collars 2-X/O Total BHA 188.14'	
17:30	18:00	0.50	12.00	PULT	Pull Tubing			TOOH stand Back 5 Stands	
18:00	19:00	1.00	13.00	SRIG	Rig Up/Down			Blow Down lines Shut down Equipment Drain all hoses	
19:00	06:00	11.00	24.00	LOC L	Lock Wellhead & Secure			Secure Well and Equipment for the night.	

<b>Safety Checks</b>			
Time	Des	Type	Com

<b>Logs</b>				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

<b>Perforation Summary</b>				
Date	Linked Zone	Top (ftKB)	Btm (ftKB)	Current Status

<b>Stimulations Summary</b>				
Start Date	Type	Stim/Treat Company	Min Top Depth (ftKB)	Max Btm Depth (ftKB)

<b>Stimulation/Treatment Stages</b>		
Stg #	Type	Vol Slurry Total (gal)

<b>Other In Hole</b>				
Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

<b>Cement</b>		
Des	Start Date	Cement Comp

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## Daily Completion and Workover (legal size)

**Well Name: Nauta 1**

**Report # 3.0, Report Date: 3/5/2019**

**Phase:**

Well Name <b>Nauta 1</b>	API <b>05-123-07135-00</b>	License #	Excalibur ID	Operator <b>Gross*Todd</b>	Government Authority <b>Fee</b>
Well Configuration Type	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 21 T11N R63W	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum <b>NAD 83</b>
Latitude (°) 40° 54' 47.779" N	Longitude (°) 104° 26' 42.173" W	Basin <b>DJ Basin</b>	Field Name <b>Non-Operated</b>	County <b>Weld</b>	State/Province <b>Colorado</b>

<b>Jobs</b>							
Job Category <b>Abandon</b>		Primary Job Type <b>Abandon Well</b>			Start Date		End Date
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) <b>134,295.00</b>	Total Final Invoice (Co...)	AFE - Field Est (Cost)	Total Depth Drilled (ft)

<b>Daily Operations</b>								
Report Start Date <b>3/5/2019</b>		Report End Date <b>3/6/2019</b>		Status at Reporting Time <b>00 PLUG &amp; ABANDON</b>		Weather	T (°F)	Road Condition
24 Hour Summary Start equipment , TIH 5 Stands, Establish Circulation Wash And Work Down Well bore				Operations @ 6:00 AM Start equipment		Operations Next Report Period <b>RIH</b>		
Diesel Used (gal)				Total Rig Power (hp)				

<b>Daily Contacts</b>							
Contact Name				Office			
<b>Richard Behrendt</b>				<b>970-260-8693</b>			

<b>Daily Time Breakdown</b>								
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	07:30	1.50	1.50	GOP	General Operations			Start Equipment Hook back Up Pump Lines
07:30	08:00	0.50	2.00	GOP	General Operations			Transfer Water
08:00	17:00	9.00	11.00	RUT B	Run Tubing			TIH 5 Stands, PU Single jts and Wash and Work Down Well.RIH to JT 120 @ 3864' Having to stop and circulate out heavy mud. and Sand9.5
17:00	17:45	0.75	11.75	PULT	Pull Tubing			TOOH 59 Stands
17:45	18:30	0.75	12.50	GOP	General Operations			Drain Up equipment shut down and lock in pipe rams.
18:30	06:00	11.50	24.00	LOC L	Lock Wellhead & Secure			Secure Well and Equipment

<b>Safety Checks</b>							
Time	Des	Type	Com				

<b>Logs</b>							
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?			

<b>Perforation Summary</b>							
Date	Linked Zone	Top (ftKB)	Btm (ftKB)	Current Status			

<b>Stimulations Summary</b>							
Start Date	Type	Stim/Treat Company	Min Top Depth (ftKB)	Max Btm Depth (ftKB)			

<b>Stimulation/Treatment Stages</b>							
Stg #	Type	Vol Slurry Total (gal)					

<b>Other In Hole</b>							
Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)			

<b>Cement</b>							
Des	Start Date	Cement Comp					



## Daily Completion and Workover (legal size)

Well Name: **Nauta 1**

Report # **4.0**, Report Date: **3/6/2019**

Phase:

Well Name <b>Nauta 1</b>	API <b>05-123-07135-00</b>	License #	Excalibur ID	Operator <b>Gross*Todd</b>	Government Authority <b>Fee</b>
Well Configuration Type	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location <b>NWNW Sec 21 T11N R63W</b>	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum <b>NAD 83</b>
Latitude (°) <b>40° 54' 47.779" N</b>	Longitude (°) <b>104° 26' 42.173" W</b>	Basin <b>DJ Basin</b>	Field Name <b>Non-Operated</b>	County <b>Weld</b>	State/Province <b>Colorado</b>

<b>Jobs</b>							
Job Category <b>Abandon</b>		Primary Job Type <b>Abandon Well</b>			Start Date		End Date
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) <b>134,295.00</b>	Total Final Invoice (Co...)	AFE - Field Est (Cost)	Total Depth Drilled (ft)

<b>Daily Operations</b>								
Report Start Date <b>3/6/2019</b>		Report End Date <b>3/7/2019</b>		Status at Reporting Time <b>00 PLUG &amp; ABANDON</b>		Weather	T (°F)	Road Condition
24 Hour Summary Start equipment , TIH 58 Stands, Establish Circulation Wash And Work Down Well bore, Circulate, TOOHD Drill Collars and Bit, MU Mule Shoe TIH Cement @ 7100' TOOHD Cement @ 1500', TOOHD LD Mule Shoe PU Perf Sub and Bull Plug TIH tag cement @ 1390'				Operations @ 6:00 AM Start equipment		Operations Next Report Period RIH		
Diesel Used (gal)				Total Rig Power (hp)				

<b>Daily Contacts</b>							
Contact Name				Office			
<b>Richard Behrendt</b>				<b>970-260-8693</b>			

<b>Daily Time Breakdown</b>									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com	
06:00	07:00	1.00	1.00	GOP	General Operations			Start equipment Hammer up Pump Lines	
07:00	13:00	6.00	7.00	RUT B	Run Tubing			TIH 58 Stands PU Single Jts RIH Wash and work down well 226jts 7108'	
13:00	14:00	1.00	8.00	CLN	Clean Out Hole			Pump 140BBL's of FW clean out well bore	
14:00	18:30	4.50	12.50	PULT	Pull Tubing			TOOH 50 Stands, circulate 100bbls TOOHD 63 Stands LD 6 DC's and bit and bit sub.	
18:30	19:00	0.50	13.00	SRIG	Rig Up/Down			PU/MU Pup With Mule Shoe, Stab Washington rubber,	
19:00	21:00	2.00	15.00	SRIG	Rig Up/Down			TIH 113 Stands PU 6 single JTS EOT @ 7104'	
21:00	21:45	0.75	15.75	CLN	Clean Out Hole			Circulate 100bbls	
21:45	22:15	0.50	16.25	SRIG	Rig Up/Down			Spot in and RU C&J Cementers. Hold pre job safety meeting Wth Cementers and Crew	
22:15	23:00	0.75	17.00	GOP	General Operations			Pump Cement, Pump 100Sks Thermal 35 Plug, 1.52(cf/sk) Yield, 15.80ppg Density, 27bbls, 6.21gps Water Clean up	
23:00	01:00	2.00	19.00	PULT	Pull Tubing			LD 183 single JTS EOT @ 1502'	
01:00	02:00	1.00	20.00	GOP	General Operations			Pump Second Balanced Plug. Pump 120Sks Class G Cement, plug 1.16(cf/sk) Yield, 15.80ppg Density, 24bbls, 5.00gps Water, Clean Up	
02:00	02:30	0.50	20.50	PULT	Pull Tubing			LD 9 jts TOOHD 20 stands, Pull off mule shoe PU/MU Perf sub and Bull Plug	
02:30	05:00	2.50	23.00	GOP	General Operations			Wait For Cement to set to TIH to tag Cement top	
05:00	06:00	1.00	24.00	RUT B	Run Tubing			TIH 20 Stands with perf sub and bull plug on the btm.PU TIH with 5 single jts tag @ 1390'	

<b>Safety Checks</b>			
Time	Des	Type	Com

<b>Logs</b>				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

<b>Perforation Summary</b>				
Date	Linked Zone	Top (ftKB)	Btm (ftKB)	Current Status

<b>Stimulations Summary</b>				
Start Date	Type	Stim/Treat Company	Min Top Depth (ftKB)	Max Btm Depth (ftKB)

<b>Stimulation/Treatment Stages</b>		
Stg #	Type	Vol Slurry Total (gal)

<b>Other In Hole</b>				
Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

<b>Cement</b>		
Des	Start Date	Cement Comp

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## Daily Completion and Workover (legal size)

**Well Name: Nauta 1**

**Report # 5.0, Report Date: 3/7/2019**

**Phase:**

Well Name <b>Nauta 1</b>	API <b>05-123-07135-00</b>	License #	Excalibur ID	Operator <b>Gross*Todd</b>	Government Authority <b>Fee</b>
Well Configuration Type	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Regulatory Drilling Spud Date	Regulatory Rig Release Date
Surface Legal Location NWNW Sec 21 T11N R63W	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum <b>NAD 83</b>
Latitude (°) 40° 54' 47.779" N	Longitude (°) 104° 26' 42.173" W	Basin <b>DJ Basin</b>	Field Name <b>Non-Operated</b>	County <b>Weld</b>	State/Province <b>Colorado</b>

<b>Jobs</b>							
Job Category <b>Abandon</b>		Primary Job Type <b>Abandon Well</b>			Start Date		End Date
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) <b>134,295.00</b>	Total Final Invoice (Co...)	AFE - Field Est (Cost)	Total Depth Drilled (ft)

<b>Daily Operations</b>							
Report Start Date <b>3/7/2019</b>	Report End Date <b>3/8/2019</b>	Status at Reporting Time <b>00 PLUG &amp; ABANDON</b>			Weather	T (°F)	Road Condition
24 Hour Summary POOH LD 38 jts Stand back 3 stands, Put on mule shoe TIH, Pump Surface Plug, ND BOP top off Surface Plug, RD		Operations @ 6:00 AM POOH			Operations Next Report Period Secure Well		
Diesel Used (gal)				Total Rig Power (hp)			

<b>Daily Contacts</b>							
Contact Name				Office			
<b>Richard Behrendt</b>				<b>970-260-8693</b>			

<b>Daily Time Breakdown</b>								
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	06:45	0.75	0.75	PULT	Pull Tubing			Stand back 3 Stands POOH, LD work string LD Perf sub and bull Plug, ,
06:45	07:15	0.50	1.25	RUT B	Run Tubing			PU Mule Shoe, TIH PU 10' Pup jt EOT @ 227'
07:15	13:00	5.75	7.00	GOP	General Operations			Pump Surface Balanced Plug. Pump 189 Sks 38.5bbls Class G Cement, plug 1.16(cf/sk) Yield, 15.80ppg Density, 24bbls, 5.00gps Water, Clean Up Cement fell past eye sight, Wait on bulk truck to top off Well. Pump 31sks 6.2bbls Cement 4' from surface
13:00	17:30	4.50	11.50	SRIG	Rig Up/Down			RD and release Pioneer 135, Send all Pioneer equipment to yard. Clean out tanks, Move tanks and tubing float to next location. Remove Cellar and well head Weld on dry hole marker and Bury Well.
17:30	06:00	12.50	24.00	LOC L	Lock Wellhead & Secure			Secure Well

<b>Safety Checks</b>							
Time	Des	Type	Com				

<b>Logs</b>							
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?			

<b>Perforation Summary</b>							
Date	Linked Zone	Top (ftKB)	Btm (ftKB)	Current Status			

<b>Stimulations Summary</b>							
Start Date	Type	Stim/Treat Company	Min Top Depth (ftKB)	Max Btm Depth (ftKB)			

<b>Stimulation/Treatment Stages</b>							
Stg #	Type	Vol Slurry Total (gal)					

<b>Other In Hole</b>							
Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)			

<b>Cement</b>							
Des	Start Date	Cement Comp					

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