



Daily Completion and Workover (legal size)

Well Name:   Jacobs/MGF R-1

Report # 8.0, Report Date: 7/24/2014  
Phase:

Well Name Jacobs/MGF R-1	API 05-123-13021	License #	Excalibur ID	Operator Andvanced Recovery Services Co.	Govt Authority
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 CSE 20 5N 61W	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (°) 40° 22' 57.061" N	Longitude (°) 104° 13' 42.002" W	Basin DJ Basin	Field Name Riverside	County Weld	State/Province Colorado

Jobs							
Job Category Abandon		Primary Job Type Abandon Well			Start Date 7/17/2014		End Date 7/28/2014
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) 263,866.00	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)

Daily Operations					
Report Start Date 7/24/2014	Report End Date 7/25/2014	Status at Reporting Time 00 PLUG & ABANDON	Weather	T (°F)	Road Condition
24 Hour Summary Drill out Cement. Washed down to 703'.			Operations Next Report Period Circulate hole with drilling mud to 2400'.		
Diesel Used (gal)			Total Rig Power (hp)		

Daily Contacts							
Contact Name				Office			
Johnny Damron				435-650-8217			
Bruce Kelsch				303-746-6226			

Daily Time Breakdown							
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Com
06:00	18:00	12.00	12.00	GOP	General Operations		Started drilling out cement from surface, Drilled out 70'of cement W/ 2- 4-3/4" D/C. Changed over to 2-7/8" Ph-6 Tbg.
18:00	06:00	12.00	24.00	GOP	General Operations		Drilled through cement @ 169.57'. Washed down the next 3 joints due to hole bridges. Heavy cuttings at times. At report time we've drilled down with 20 joints of 2 7/8 PH-6 tubing. EOT @ 703'.

Safety Checks							
Time	Des			Type			Com

Logs							
Date		Type			Top (ftKB)		Btm (ftKB)

Perforation Summary							
Date		Zone		Top (ftKB)		Btm (ftKB)	Current Status

Stimulation/Treatment Stages							
<typ> on <dttm>							
Date		Zone			Type		Stim/Treat Company
Sub Stg #	Stage Type			Top (ftKB)		Btm (ftKB)	Vol Clean Pump (gal)

Other In Hole							
Des			Run Date		OD (in)	Top (ftKB)	Btm (ftKB)

Cement							
Des			Start Date			Cement Comp	



**Report # 9.0, Report Date: 7/25/2014**  
**Phase:**

**Well Name: Jacobs/MGF R-1**

Jobs								
Job Category		Primary Job Type			Start Date		End Date	
Abandon		Abandon Well			7/17/2014		7/28/2014	
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)	
				263,866.00				

Report Start Date 7/25/2014	Report End Date 7/26/2014	Status at Reporting Time 00 PLUG & ABANDON	Weather	T (°F)	Road Condition
24 Hour Summary Con't to wash down to target depth. Reached 2500' TD @ 04:30. Circulate off bottom for cement job.			Operations Next Report Period Pump cement plugs as per regulations		
Diesel Used (gal)			Total Rig Power (hp)		

Contact Name	Office
Johnny Damron	435-650-8217
Bruce Kelsch	303-746-6226

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	18:00	12.00	12.00	CLN	Clean Out Hole			Con't to Wash & Clean out dehydrated drilling mud. Cleaned out from 703' To 1460. Pumping Gel sweeps between each connection, Fluid loss 6 bbls an hour. Pump rate @ 3.2 bpm. Pump pressure @ 300 psi.
18:00	04:30	10.50	22.50	CLN	Clean Out Hole			Circulated down to 1500'. Tagged bridge. Getting large amounts of dehydrated mud. Switched over to drilling mud at 1892' circulated well clean. Continued to wash and reamed down to TD @ 2500'. Pump pressure @ 250 psi medium to heavy returns. Returns consist of dehydrated mud, trace of sand and oil. Periodically reciprocate pipe.
04:30	06:00	1.50	24.00	CLN	Clean Out Hole			Circulate bottoms up until hole is clean.

Time	Des	Type	Com

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

<typ> on <dtm>				
Date		Zone		Type
Stim/Treat Company				
Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Des	Start Date	Cement Comp



Daily Completion and Workover (legal size)

Well Name:   Jacobs/MGF R-1

Report #   10.0, Report Date:   7/26/2014  
Phase:

Well Name Jacobs/MGF R-1	API 05-123-13021	License #	Excalibur ID	Operator Andvanced Recovery Services Co.	Govt Authority
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 CSE 20 5N 61W	North/South Distance (ft)	North/South Reference	East/West Distance (ft)	East/West Reference	Lat/Long Datum
Latitude (°) 40° 22' 57.061" N	Longitude (°) 104° 13' 42.002" W	Basin DJ Basin	Field Name Riverside	County Weld	State/Province Colorado

Jobs							
Job Category Abandon		Primary Job Type Abandon Well			Start Date 7/17/2014		End Date 7/28/2014
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost) 263,866.00	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)

Daily Operations					
Report Start Date 7/26/2014	Report End Date 7/27/2014	Status at Reporting Time 00 PLUG & ABANDON	Weather	T (°F)	Road Condition
24 Hour Summary Pooh W/ Tbg & BHA, L/D Drill out BHA, RIH W/ Tbg. R/up Cement Crew & Pump Cement.			Operations Next Report Period ND BOP's, cut casing, weld on dry hole flange. RD Rig.		
Diesel Used (gal)			Total Rig Power (hp)		

Daily Contacts	
Contact Name	Office
Johnny Damron	435-650-8217
Bruce Kelsch	303-746-6226

Daily Time Breakdown									
Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com	
06:00	07:45	1.75	1.75	CTU	Clean Out			Con't to Circulate & Condition Hole. Pumped high Visc gel sweep. Held Safety Meeting W/ Morning Crew, Serviced Rig and Eq.	
07:45	09:15	1.50	3.25	SRIG	Rig Up/Down			R/D Power Swivel, R/up 2-7/8" handling eq.	
09:15	10:00	0.75	4.00	PULT	Pull Tubing			Pooh W/ 19 Jts of 2-7/8" Tbg. Pulled into tight spot @ 1915' +/- . Was unable to pulled through tight spot. Pulled up to 65K. attempt to go down was unable to go down, Made several attempts to go down. was able to work pipe down. L/D 1- jt of tbg.	
10:00	11:00	1.00	5.00	CTU	Clean Out			R/up and circulated Bottoms up. 110 bbls pumped W/ gel sweep. R/D Circulating Eq.	
11:00	13:45	2.75	7.75	PULT	Pull Tubing			Pulled up to 1915' Pulled into tight @ 1915'. Pulled through tight spot. Con't to Pooh W/58 jts of tbg. Removed Stripping head. Broke out XO to 4-3/4" Drill Collars. L/D 2-4-3/4" D/C and 2- bit subs & 1-7-7/8" Bit. Bit was in good shape. R/up Tbg handling eq.	
13:45	16:00	2.25	10.00	RUT B	Run Tubing			RIH W/ 3-1/2 IF XO to 2-7/8" PH-6 & 79 jts. Placed EOT @ 2494'.	
16:00	16:15	0.25	10.25	SRIG	Rig Up/Down			R/up Sanjel, Held Safety meeting. Review JSA & Job assignments. Pressure tested lines to 3000 psi. Good Test.	
16:15	16:30	0.25	10.50	CEM T	Cement Squeeze			Mixed up 10.2 bbls of 15.8 Class G Cement. Pumped Cement away and displaced W/ 10.2 bbls of F/W. W/ good returns to return tank. Shut down and open tbg with no flow back. R/D Sanjel and washed up tub to return tank.	
16:30	18:00	1.50	12.00	PULT	Pull Tubing			Stand Back 3 stands and L/D 73 jts of 2-7/8".	
18:00	19:00	1.00	13.00	CEM T	Cement Squeeze			RIH with 6 joints of 2 7/8 Tubing, EOT @ 189' KB. Held PJSM. Discussed injury reporting, muster area, PPE, pressure and good communication. Pumped 10 barrels of fresh water before we noticed returns. Mixed and pumped 50 sacks (10.2 bbls) Class G 1.15 yield, 15.8 # slurry with 1% calcium chloride.	
19:00	23:00	4.00	17.00	CEM T	Cement Squeeze			Wait 4 hours for cement to harden.	
23:00	03:00	4.00	21.00	CEM T	Cement Squeeze			RIH with open ended 2 7/8 tubing to tag state required cement top @ 104'. Went down to 121', did not tag plug. POOH Notified engineer. Decided to wait another 4 hours and try tagging again.	
03:00	04:30	1.50	22.50	CEM T	Cement Squeeze			RIH with 2 7/8 tubing. Tagged cement plug @ 189'KB. RU Sanjel. Held safety meeting. Discussed pressure and good communication. Pumped 3 barrels of fresh water to establish circulation. Mixed and pumped 25 sacks (5 bbls slurry) of Class G,1.15 yield,15.8# cement with 1% calcuim chloride. Estimated cement top @ 90'. POOH with tubing in the derrick. RD Sanjel.	
04:30	06:00	1.50	24.00	CEM T	Cement Squeeze			Wait for cement to harden.	

Safety Checks			
Time	Des	Type	Com

Logs				
Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Perforation Summary				
Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Stimulation/Treatment Stages			
<typ> on <dtm>			
Date	Zone	Type	Stim/Treat Company



Daily Completion and Workover (legal size)

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Report #   10.0, Report Date:   7/26/2014  
Phase:

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Sub Stg #	Stage Type			Top (ftKB)			Btm (ftKB)			Vol Clean Pump (gal)	
Other In Hole											
Des				Run Date		OD (in)		Top (ftKB)		Btm (ftKB)	
Cement											
Des			Start Date						Cement Comp		



**Report # 11.0, Report Date: 7/27/2014**  
**Phase:**

**Well Name: Jacobs/MGF R-1**

Jobs								
Job Category		Primary Job Type			Start Date		End Date	
Abandon		Abandon Well			7/17/2014		7/28/2014	
Target Depth (ftKB)	Target Formation	AFE Number	AFE+Supp Amt (Cost)	Total Fld Est (Cost)	Total Final Invoice (C...	Var (AFE-Fld) (Cost)	Total Depth Drilled (ft)	
				263,866.00				

Report Start Date 7/27/2014	Report End Date 7/28/2014	Status at Reporting Time 00 PLUG & ABANDON	Weather	T (°F)	Road Condition
24 Hour Summary Tagged Cement & Completed Top Out. Release Rig & Eq.			Operations Next Report Period Clean out mud tanks and haul off cutting to land field. Pulled Cellar ring and back fill.		
Diesel Used (gal)			Total Rig Power (hp)		

Contact Name	Office
Johnny Damron	435-650-8217
Bruce Kelsch	303-746-6226

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Category	Phase	Prob Ref #	Com
06:00	08:00	2.00	2.00	GOP	General Operations			Waiting On Cement. Held Safety With Morning Crew & Reviewed JSA. Serviced Rig.
08:00	12:30	4.50	6.50	SRIG	Rig Up/Down			RIH W/ 4 jts of 2-7/8", Tagged soft cement top @ 102'. L/D 4 jts of 2-7/8" tbg. R/D Tbg handling Eq & Rig Floor. N/D Rotating head, 11" Bop's & 2' 11" x 3k Spool. Cut off 11" x 3K x 8-5/8" Well head 4' below ground level. P/up 60' of 1" Pipe, RIH W/ 1" pipe. Made pump eq to 1" pipe, Pumped 22 sks / 5.6 bbls of 15.8lb/gal Class G Cement. W/ 1.5 bbl of 15.8 lb/gal cement in returns. Cleaned up cellar. Installed P&A Marker.
12:30	14:00	1.50	8.00	GOP	General Operations			Cleaned up location. R/D Sanjel and R/D and released Key rig 15.
14:00	15:30	1.50	9.50	LOC L	Lock Wellhead & Secure			Cleaned & Secured Location.

Time	Des	Type	Com

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

<typ> on <dtm>				
Date		Zone		Type
Stim/Treat Company				
Sub Stg #	Stage Type	Top (ftKB)	Btm (ftKB)	Vol Clean Pump (gal)

Des	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Des	Start Date	Cement Comp