

Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-48081
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other ACID GAS INJECTION <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator AMEREDEV OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2901 VIA FORTUNA, SUITE 600; AUSTIN, TX 78746		7. Lease Name or Unit Agreement Name INDEPENDENCE AGI
4. Well Location Unit Letter <u>C</u> : <u>829</u> feet from the <u>NORTH</u> line and <u>1,443</u> feet from the <u>EAST</u> line Section <u>20</u> Township <u>25S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,103' (GR)		9. OGRID Number 372224
		10. Pool name or Wildcat AGI; DEVONIAN/FUSSELMAN

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: Submittal of Daily Drilling Reports <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Pursuant to the requirements of Condition No. 5 of the NMOCD Recommended General Conditions of Approval for NMOCC Order 21455-A, we are providing, as an attachment to this submittal, all daily drilling reports for the Ameredev Independence AGI No. 1 well (API: 30-025-48081).

Spud Date: 12/27/2020 Rig Release Date: 05/21/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Consultant to Ameredev DATE 07/06/2021

Type or print name David A. White E-mail address: dwhite@geolex.com PHONE: (505)842-8000

**For State Use Only**

APPROVED BY: Accepted for Record - John G TITLE Petroleum Specialist DATE 11/1/2021

Conditions of Approval (if any):

**AMEREDEV OPERATING, LLC**  
INDEPENDENCE AGI NO. 1  
(API: 30-025-48081)

DAILY DRILLING REPORTS  
(1 OF 2)



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Ameredev LLC																				Report # 3															
Morning Drilling Report																																			
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																					
INDEPENDENCE AGI #1				[REDACTED]		0		30-025-48081		DRILLING				Sat, December 26, 2020																					
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS													
		12/27/2020				[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]		0		0		0		0		0													
Current Operation				Nipple up 30" Diverter System				Next 24 Hours				Nipple up Diverter, P/U BHA, Spud 26" surface hole																							
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size							
FORMATION				BGG		CG		TG		#1 STKS 30		#1 CHK PSI		#1 STKS 30		#1 CHK PSI		#1 STKS 30		#1 CHK PSI															
DP SIZE		DC SIZE		DP AV 0		DC AV 0		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD 0		FRAC GRADIENT MW		MAX. ALLOWABLE SICP 0															
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM 0		PUMPS		PUMP PRESSURE													
MW IN 0.0		MW OUT 0.0		VIS IN 0.0		VIS OUT 0.0		PV 0.0		YP 0.0		Gel - 10 Sec 0.0		Gel - 10 Min 0.0		FILTRATE 0.0		WPS 0.0		HTHP 0.0		CAKE 0.0		SOLIDS 0.0		LGS 0.0		LIQUID 0.0		SAND 0.0		MBT 0.0			
PH 0.00		PM 0.00		PF 0.00		MF 0.00		CHLORIDES 0.00		CALCIUM 0.00		OIL 0.00		WATER 0.00		O W 0.00		LIME 0.00		ES 0.00		LCM 0.00													
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA			
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON			
CUR. BIT # 1		Re-Run 0		SIZE 26		MFGR. Ulterra		TYPE U616S		SERIAL # 50544		JET #1 13		JET #2 13		JET #3 13		JET #4 13		JET #5 13		JET #6 13		JET #7 15		JET #8 15		JET #9 15		JET #10 15		TFA 1.4680			
START FT 12/27/2020 12:30		LAST CHECK 12/28/2020 16:00		DEPTH IN 116		DEPTH OUT 421		AVG WOB 15.25		AVG RPM 53.75		HOURS 22.5		FT/HR 29.8		ROT HRS 10.25		INNER 2		OUTER 2		DULL CT		LOC. A		BEARING X		GAUGE I		OTHER WT		Reason: 01 Temperature High			
FUEL DELIVERED				7,224				FUEL USED TODAY				873				MUD ADDITIVES IN LAST 24 HOURS								SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND				9,351				TOTAL FUEL USED				873				Gel				Mica				ABO				DAILY SOLIDS		0		OWNER			
PICKUP WT.								AVG. DRAG				Poly Plus						Quick Thin				PolyPac UI				TOTAL SOLIDS		0		DAILY BBLs		0			
ROTATING WT.								MAX. DRAG				Caustic						Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs		0			
SLACKOFF WT.								TQ. ON BTM				Bar						Lime				Tackle				DAILY LIQUIDS		0							
BHA HOURS								TQ OFF BTM				Pac-R						Alum Ster				Cost				TOTAL LIQUIDS		0							
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																															
2.00		1: MIRU/RDMO		Wait on daylight.																															
18.00		1: MIRU/RDMO		Continue rigging up. Undress derrick to raise it. Raised derrick at 3:00 PM. Run lines prepare to rig up top drive. Rig up topdrive, torque tube, rig floor, mud lines, stand pipe, electric lines, Welders on location welding flanges for diverter system. Load of diesel was delivered plus all directional tools and 8" DC's. All poly pipe is ran to the tanks for water.																															
4.00		15: NU BOP's		Cut off and dress 36" conductor, Weld on Starting flange for 30" Diverter. Nipple up 30" Diverter system																															







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Ameredev LLC																	Report # 6.													
Morning Drilling Report																														
WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE																		
INDEPENDENCE AGI #1					0		30-025-48081		DRILLING			Tue, December 29, 2020																		
DRLG CONTRACTOR	SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent	MD	TVD	DAILY FT	FT/HR	ROT HRS																
	12/27/2020	2								488	295	89	24	4																
Current Operation			Drilling 26" Surface Hole				Next 24 Hours				Drill Surface Hole																			
Type	Casing Specs		Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size															
FORMATION			BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																			
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HMP/SQ IN BIT DIA.	COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE																
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT														
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM																			
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																			
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
1	0	26	Utterra	U616S	50544	13	13	13	13	13	13	15	15	15	15	1.4680														
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
12/27/2020 13:00	12/28/2020 16:00	116	421	15.25	53.75	22.5	29.8	10.25	2		CT	A	X	I	WT	Reason of Personnel Injury														
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
2	0	26	Baker Hughes	GTX-GCI	5284752	24	24	24	15	0	0	0	0	0	0	1.4979														
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
12/28/2020 21:30	12/29/2020 6:00	421	488	15.00	47.50	8.5	24.4	2.75																						
FUEL DELIVERED	0		FUEL USED TODAY		1.921		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL			FRESH WATER																
FUEL ON HAND	7,359		TOTAL FUEL USED		2,865		Gel	Mica	ABO	DAILY SOLIDS							0	OWNER												
PICKUP WT.			AVG. DRAG		Poly Plus		Quick Thin	PolyPac Uli	TOTAL SOLIDS							0	DAILY BBL'S	0												
ROTATING WT.			MAX. DRAG		Caustic		Soda Ash	Gelex	DAILY DISPOSAL COSTS								CUM BBL'S	0												
SLACKOFF WT.			TQ. ON BTM		Bar		Lime	Tackle	DAILY LIQUIDS							0														
BHA HOURS			TQ OFF BTM		Pac-R		Alum Ster	Cost	TOTAL LIQUIDS							0														
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																														
HOURS	TIME CODE																													
0.25	27: Other		Safety meeting.																											
0.25	8: Rig Repair		Change out brake booster on top drive.																											
0.25	6: Tripping		TIH one stand.																											
0.75	2: Drilling		Rotate w/ Bit #1 From 399' to 419' (27 ft/hr) w/ 20 WOB, 50 Surf RPM, 104 Motor RPM.																											
1.25	6: Tripping		Top drive stopped rotating. TOH to conductor.																											
6.00	8: Rig Repair		Repair top drive change out encoder, change out handler sensor, rewire blower motor plug in. All top drive repairs due to rough drilling and vertical shock.																											
1.00	6: Tripping		Trip in the hole with 8" Drill Collars, Wash down to 401'.																											
0.25	2: Drilling		Rotate w/ Bit #1 From 419' to 421' (8 ft/hr) w/ 16 WOB, 75 Surf RPM, 136.5 Motor RPM.																											
1.00	6: Tripping		Pull up into to the conductor to rewire Encoder Harness.																											
0.75	8: Rig Repair		Repair top drive Encoder Harness.																											
0.25	6: Tripping		Trip In the hole with 8" Drill Collars.																											
0.25	27: Other		Safety Meeting/Crew Handover.																											
0.25	6: Tripping		Trip in hole to 421' ( Top Drive Inceder Failed)																											
1.00	6: Tripping		Trip out of hole from 421' - 161'.																											
1.50	8: Rig Repair		Repair top Drive Inceder Harness																											
0.50	6: Tripping		Trip in hole from 161' to 421'																											
1.00	2: Drilling		Rotate w/ Bit #2 From 421' to 422' (1 ft/hr) w/ 10 WOB, 70 Surf RPM, 133.25 Motor RPM. Attemp to Drill we were experiencing Excessive vibration and bit bounce.Dicission was made to TOOH f/Bit & Shock sub																											
1.50	6: Tripping		Trip out of hole from 421' - 47'																											
3.00	20: Directional Work		Change out Shock sub, Bit, Scribe Motor																											
1.25	6: Tripping		Trip in Hole to 422'																											
1.75	2: Drilling		Rotate w/ Bit #2 From 422' to 488' (38 ft/hr) w/ 28 WOB, 25 Surf RPM, 110.5 Motor RPM.																											
24.00																														
No Accidents, Spills or Inspections to report																														
QTY	BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD																	
1	26" Bit		2.10		1. MIRU/RDMO		0.00	81.00																						
1	9-5/8 NOV 6/7 5@1.5 SLX SLV		30.87		2. Drilling		3.75	13.00	Depth		Dev.		Azi.		TVD															
1	8" Shock Sub		13.77		3. Washing/Reaming		0.00	0.00																						
1	25.25 IBS Stabilizer		7.78		4. Lost Circulation		0.00	0.00																						
1	8" UBHO Sub		2.53		5. Cond. Mud & Circ		0.00	0.00																						
1	8" NMDC		30.26		6. Tripping		8.25	8.25																						
1	8" NMDC		29.95		7. Lubricate Rig		0.00	0.50																						
1	25.75" IBS Stabilizer		8.89		8. Rig Repair		8.50	10.75																						
9	8" Drill Collars		268.42		9. Cut Drig Line		0.00	0.00																						
1	XO 6/58" Reg P X 4.5" IF B		3.61		10. Deviation Survey		0.00	0.00																						
15	6.5" Drill Collars		454.74		11. Wireline Logging		0.00	0.00																						
24	5" HWDP		733.40		12. Run Casing		0.00	0.00																						
					13. Cement Casing		0.00	0.00																						
					14. Wait On Cement		0.00	0.00																						
					15. NU BOP's		0.00	21.00																						
					16. Test BOP's		0.00	0.00																						
					17. Plug Back		0.00	0.00																						
					18. Squeeze Cmt		0.00	0.00																						
					19. Fishing		0.00	0.00	0		0.00		0		0.00 0.00															
					20. Directional Work		3.00	6.50	180		0.67		207		180 -1.01 0.37															
					21. Weather		0.00	0.00	234		0.66		200		234 -1.60 0.16															
					22. Well Control		0.00	0.00	295		0.90		200		295 -2.36 0.39															
					23. Weiring-Orders/Equip		0.00	0.00	Planned VS				feet @		azimuth															
					24. Drill Cmt / Shoe Test		0.00	0.00	DAY DRILLING FOREMAN				CELL PHONE NUMBER																	
					25. Jet & Clean Pits		0.00	0.00	Ricky Harris				CELL PHONE NUMBER																	
Joints	DP ITEM	Motor RPS	0.13	BHA	1586.32	26. Regulatory	0.00	0.00	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER																	
	OD	#/FT	GRADE	LENGTH		27. Other	0.50	3.00	Stephen Ritter																					
						28. Other	0.00	0.00	AMEREDDEV PERSONELL																					
						29. Other	0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson																	
						30. Other	0.00	0.00	DRILLING ENGINEER				Diego Barreda																	
				Kelly	-1098.32	31. Other	0.00	0.00	DAY CONTROL ROOM SUP				David Pope																	
				Total Depth	488.00	TOTALS	24.00	144.00	NIGHT CONTROL ROOM SUP				Ted Cheatwood																	
Cost Input																														
Cost Type	Charge	Code	Description				Vendor		Unit Cost	Quantity	Cost	Carry Over																		
8500	0.094	SUPERVISION / CONTRACT	Ricky Harris/Stephen Ritter				Rusco Operating LLC			1.0		Yes																		
8500	0.094	SUPERVISION / CONTRACT	Ted Cheatwood/David Pope				Rusco Operating LLC			1.0		Yes																		
8500	0.024	SURFACE RENTALS	Trash trailer 2 Porta pots. Water and Septic for office trailer..				Hoppe's Construction LLC			1.0		Yes																		
8500	0.024	SURFACE RENTALS	Internet & Intercoms				versat Communications US			1.0		Yes																		
8500	0.024	SURFACE RENTALS	Forklift				Boland Field Services LLC			1.0		Yes																		
8500	0.024	SURFACE RENTALS	14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes																		
8500	0.024	SURFACE RENTALS	4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes																		
8500	0.024	SURFACE RENTALS	3 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes																		
8500	0.024	SURFACE RENTALS	PVT/Chokes				Pason			1.0		Yes																		
8500	0.024	SURFACE RENTALS	Flange for diverter Rental 4 1/16" 10k x 8" 150				McGuire Industries Inc			1.0		Yes																		
8500	0.01	DRILLING RIG	Citadel Rig #3				Citadel Drilling			1.0		Yes																		
8500	0.024	SURFACE RENTALS	3- 4X4 Transfer Pumps				Johnso Specialty Tools LLC			1.0		Yes																		
8500	0.048	LL CONTROL EQUIP / SERV	Diverter Line, Drive over , Ecobox				Iron Horse Tools LLC			1.0		Yes																		
8500	0.124	TY AND EMERGENCY RESP	H2s Compliance Package + R/U				merican Safety Services, In			1.0		Yes																		
8500	0.066	IDS CONTROL EQUIP / SERV	Solid Control Equipment and Handls				KSW Oilfield Rental LLC			1.0		Yes																		
8500	0.024	SURFACE RENTALS	Hydraulic Cellular Pump				ohnson Specialty Tools LLC																							
8500											\$ -																			
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Ameredev LLC																				Report # 7			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Wed, December 30, 2020									
DRUG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		F7/HR		ROT HRS			
		12/27/2020		3								1,180		1,033		692		42		17			
Current Operation:				Tripping in hole				Next 24 Hours:				TD surface, TOOH and log, Run 26" casing											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift		Burst		Collapse		Yield	Jnt Strength		Capacity	Displace		DV Tool	SXS Cmt	Hole Size
FORMATION				BGG		CG		TG		#1 STKS 30		#1 CHK PSI		#1 STKS 30		#1 CHK PSI		#1 STKS 30		#1 CHK PSI			
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (QA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF							
0	0	0	0	0.0		0.0		0.00		0.00		0		0		0							
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE							
													0										
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
1	0	26	Ultrerra	U616S	50544	13	13	13	13	13	13	15	15	15	15	1.4680							
START FT.	END FT.	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
12/27/2020 17:30	12/28/2020 16:00	116	421	15.25	53.75	22.5	29.8	10.25	2	2	CT	A	X	I	WT	Reason							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
2	0	26	Baker Hughes	GTX-GCI	5284752	24	24	24	15	0	0	0	0	0	0	1.4979							
START FT.	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
12/28/2020 21:30	12/30/2020 2:00	421	1180	36.14	31.43	28.5	39.4	19.25															
FUEL DELIVERED	5,882		FUEL USED TODAY		2,383		MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL			FRESH WATER								
FUEL ON HAND	10,858		TOTAL FUEL USED		5,248		Gel	Mica	ABO				DAILY SOLIDS		0	OWNER							
PICKUP WT.			AVG. DRAG				Poly Plus	Quick Thin	PolyPac UI				TOTAL SOLIDS		0	DAILY BBLs	0						
ROTATING WT.			MAX. DRAG				Caustic	Soda Ash	Gelox				DAILY DISPOSAL COSTS		CUM BBLs		0						
SLACKOFF WT.			TQ. ON BTM				Bar	Lime	Tackle				DAILY LIQUIDS		0								
BHA HOURS			TQ OFF BTM				Pac-R	Alum Ster	Cost				TOTAL LIQUIDS		0								
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
HOURS		TIME CODE																					
0.25		27: Other		Safety Meeting/Crew Handover																			
6.75		2: Drilling		Rotate w/ Bit #2 From 488' to 792' (45'ft/hr) w/ 35 WOB, 25 Surf RPM, 130 Motor RPM.																			
0.75		27: Other		Circulate while changing a Swab in MP.																			
4.25		2: Drilling		Rotate w/ Bit #2 From 792' to 937' (34'ft/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM.																			
0.25		27: Other		Safety Meeting/Crew Handover.																			
0.25		2: Drilling		Rotate w/ Bit #2 From 937' to 951' (56'ft/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM.																			
1.25		27: Other		change Swab into Pump																			
3.25		2: Drilling		Rotate w/ Bit #2 From 951' to 1093' (44'ft/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM.																			
0.50		7: Lubricate Rig		Rig Service																			
0.50		27: Other		Conduct Drops Inspection, Replace safety wire on Blocks																			
2.00		2: Drilling		Rotate w/ Bit #2 From 1093' to 1180' (44'ft/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM. ROP slowed to 15fph. Decision was made to TOOH for Bit																			
4.00		6: Tripping		Trip out of hole c/o bit Trip in to 453'																			



Ameredev LLC																				Report # 8	
Morning Drilling Report																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE							
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, December 31, 2020							
DRUG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		F7/HR		ROT HRS	
		12/27/2020		4								1.423		1,307		243		46		5	
Current Operation:				Circulating Hole Clean				Next 24 Hours:				TOOH, Wireline Log, Run 24" Casing									
Type	Casing Specs			Top TMD	Btn TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
FORMATION				Rustler		BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI							
				0		0	0	30		30		30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (QA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF						
5.0	6.500	28.03133267	29	153	0.15						0				0						
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE					
2.93	5.5			10	2.93	5.5		10	127				745								
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT					
9.0	9.1	33.0	32.0	4.0	4.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	3.9	95.2	0.0	0.0					
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM										
9.00	0.00	0.00	0.00	14000.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00										
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
2	0	26	Baker Hughes	GTK-CG1	5284752	24	24	24	15	0	0	0	0	0	0	1.4979					
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
12/26/2020 21:30	12/30/2020 2:00	421	1180	36.14	31.43	28.5	39.4	19.25	3	2	BT	N	E	I	CT	Blow Off Prevention Test					
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
3	0	26	Utterra	U616S	45646	15	15	15	15	15	15	13	13	13	13	1.5539					
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
12/30/2020 7:30	12/31/2020 8:00	1180	1423	33.50	37.50	20.5	46.3	5.25	1	1	CT	S	X	I	No	Blow Off Prevention Test					
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER					
FUEL ON HAND				TOTAL FUEL USED				Gel				Mica				DAILY SOLIDS				OWNER	
PICKUP WT.				AVG. DRAG				Poly Plus				Quick Thin				TOTAL SOLIDS				DAILY BBLs	
ROTATING WT.				MAX. DRAG				Caustic				Soda Ash				DAILY DISPOSAL COSTS				CUM BBLs	
SLACKOFF WT.				TQ. ON BTM				Bar				Lime				DAILY LIQUIDS					
BHA HOURS				TQ. OFF BTM				Pac-R				Alum Ster				TOTAL LIQUIDS					
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )													
0.25				27: Other				Safety Meeting/Crew Handover.													
1.25				6: Tripping				Trip in the hole from 520' to 1,180'. Wash down the last stand.													
3.25				2: Drilling				Rotate w/ Bit #3 From 1180' to 1321' (43'ft/hr) w/ 22 WOB, 50 Surf RPM, 123.5 Motor RPM.													
7.25				8: Rig Repair				Circulated while Repairing/Inspecting Topdrive. Replace Ibpoc. Canrig Tech Inspected Top Drive before Trip Out.													
0.25				27: Other				Safety Meeting/Crew Handover.													
0.25				8: Rig Repair				Circulated while Repairing/Inspecting Topdrive. Replace Ibpoc. Canrig Tech Inspected Top Drive before Trip Out.													
3.25				6: Tripping				Trip out hole C/o Bit													
2.25				8: Rig Repair				Weld bracket for blower motor													
2.00				6: Tripping				Trip in hole to 1283' Wash from 1283' to 1321'													
2.00				2: Drilling				Rotate w/ Bit #3 From 1321' to 1423' (51'ft/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM.													
2.00				5: Cond. Mud & Circ				Circulate Sweep and Fluid Caliper and clean hole													



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Ameredev LLC																				Report # 10																			
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sat, January 2, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																	
		12/27/2020		6										1,423		1,307		0		0		0																	
Current Operation				Waiting on Cement				Next 24 Hours				Trip out to inspect & chage BHA. Trip in to spot cement pill																											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size											
Surface		24" X65 XLF		0		1,383		22.500				3,750		1,083		3,577		65,300		0.49179		0.55954		0				26											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Rustler				0		0		0		30				30				30																					
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ. IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																			
5.0		6.500		28.03133267		29		240		0.38						1,383				-647																			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
2.93		5.5		10		127		2.93		5.5		10		127		5.5		745																					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT							
9.0		9.1		33.0		32.0		4.0		4.0		1.0		3.0		100.0		0.0		0.0		0.0		0.0		3.9		95.2		0.0		0.0							
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM																	
9.00		0.00		0.00		0.00		14000.00		2000.00		0.00		0.00		0.00		0.00		0.00		0.00																	
PREV BIT #		Re-Run		SIZE		MFR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
3		0		26		Ultrerra		U6165		45646		15		15		15		15		15		13		13		13		13		1.5539									
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
12/29/2020 7:38		12/31/2020 4:00		1180		1423		33.50		37.50		20.5		46.3		5.25		1		1		CT		S		X		I		No		Reason (If Available)							
CUR. BIT #		Re-Run		SIZE		MFR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
4		0		26		Halliburton		26VG-1		207		18		18		18		18		0		0		0		0		0		0		0.9940							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
				0		0										0																							
FUEL DELIVERED				FUEL USED TODAY				0				MUD ADDITIVES IN LAST 24 HOURS								SOIL FARMING / MUD DISPOSAL				FRESH WATER															
FUEL ON HAND				7,721				TOTAL FUEL USED				8,385				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER			
PICKUP WT.								AVG. DRAG				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLS				0			
ROTATING WT.								MAX. DRAG				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS								CUM BBLS				0			
SLACKOFF WT.								TQ. ON BTM				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS								TQ. OFF BTM				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0				0							
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
4.75		12: Run Casing		Run 24" X65 XLF Casing from 887' to 1,413' tag up.																																			
0.50		3: Washing/Reaming		Wash Casing down to 1,418' unable to wash to Bottom. Decision made to lay down 1 joint.																																			
1.25		5: Cond. Mud & Circ		Circulate Casing to push air bubble down to be able to lay out 1 joint of Casing.																																			
1.25		12: Run Casing		Lay down 1 Joint of Casing to 1,383'.																																			
4.00		12: Run Casing		Rig down Casing Equipment/Crew. Rig UP rig Bails and Elevators to run DP Cement Stinger, Rig up Slip Bowl and Plate to P/U DP.																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
3.75		6: Tripping		P/U 1 stand of 5" DP,TH w/5" HWDP, P/U 5" DP tripping in hole to Float shoe																																			
3.00		13: Cement Casing		PI Safety meeting with Rig crew an Halliburton Cementers. Cement 24" Surface casing / 20 bbls Gel Spacerw/red dye. Lead 850 sk Halcem C +1 lbm Bridgemaker II LCM+4% Bentonite, Bulk@ 13.5PPG w/1.738 yield. Tail 330 sk Halcem C @ 14.8ppg w/ 1.332 yield. Displace w/ 24 bbls fresh water. Did not bump plug. Check floats, Bled back 5 bbls floats did not hold, pumped back 5 bbls shut drill pipe in.																																			
5.00		14: Wait On Cement		Wait on Cement, Clean Pits																																			



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Ameredev LLC																				Report # 12																			
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, January 4, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																			
		12/27/2020		8								1,423		1,307		0		0		0																			
Current Operation:				Nipple up Diverter				Next 24 Hours:				Nipple up Diverter, P/U BHA, T&H, Displace hole w/ 10 ppg brine, Drill shoe, Drill 22" Hole																											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size											
Surface		24" X65 XLF		0		1,383		22.500				3,750		1,083		3,577		65,300		0.49179		0.55954		0				26											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Rustler				0		0		0		30				30				30																					
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																			
5.0		6.500		28.03133267		29		240		0.38						1,383				-647																			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
2.93		5.5		10		127		2.93		5.5		10				745																							
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT									
9.0		9.1		33.0		32.0		4.0		4.0		1.0		100.0		0.0		0.0		0.0		0.0		3.9		95.2		0.0		0.0									
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME		ES		LCM																	
9.00		0.00		0.00		0.00		14000.00		2000.00		0.00		0.00		0.00		0.00		0.00																			
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
3		0		26		Ulterra		U6165		45646		15		15		15		15		15		15		13		13		13		1.5539									
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
12/30/2020 7:30		12/31/2020 4:50		1180		1423		33.50		37.50		20.5		46.3		5.25		1		1		CT		S		X		I		No		None (Off Pits) (Not a reason)							
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
4		0		26		Halliburton		26VG-1		207		18		18		18		18		0		0		0		0		0		0		0.9940							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
				0		0										0																							
FUEL DELIVERED				FUEL USED TODAY				362				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				6,756				TOTAL FUEL USED				9 350				Gel				Mica				ABQ				DAILY SOLIDS				0				OWNER			
PICKUP WT.								AVG. DRAG				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.								MAX. DRAG				Caustic				Soda Ash				Galex				DAILY DISPOSAL COSTS								CUM BBLs				0			
SLACKOFF WT.								TQ. ON BTM				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS								TQ. OFF BTM				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
0.75		16: Test BOP's		Test Casing to 1,500 psi for 30 min.																																			
9.00		27: Other		P/U Diverter, Make rough cut on casing, lay down cut off, install BOP Trolley, Lay Flow Tee, Remove Diverter, Cut off Conductor to Make Final Cut on Casing.																																			
2.00		27: Other		Make Final Cut on Casing and Clean up for Well Head.																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
7.50		15: NU BOP's		Install, Weld And test Well head to 500 psi																																			
4.25		15: NU BOP's		Nipple up 30" Diverter system																																			



Ameredev LLC																		Report # 13	
Morning Drilling Report																			
WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE							
INDEPENDENCE AGI #1					0		30-025-48081		DRILLING			Tue, January 5, 2021							
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perct of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS			
		12/27/2020	9									1,884	1,720	461	45	10			
Current Operation			Drilling 22" Intermediate @ 1,884'					Next 24 Hours		Drill 22" Intermediate to TD @ +/- 3,200'									
Type	Casing Specs		Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size		
Surface	24" X65 XLF		0		1,383		22.500		3,750	1,083	3,577	65,300	0.49179	0.55954	0		26		
FORMATION			BGG		OG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI						
Rustler			0		0		0	30	30	30	30	30	30						
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP				
5.0	6.500	28.17415095	29	111	0.08						1,383		11.3		165				
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE					
2.93	5.5		10	2.93	5.5		10	90	5.5		90	528		2,728					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT			
9.0	9.1	33.0	32.0	4.0	4.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	3.9	95.2	0.0	0.0			
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM								
9.00	0.00	0.00	0.00	14000.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00								
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA			
4	0	26	Halliburton	26VG-1	207	18	18	18	18	0	0	0	0	0	0	0.9940			
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON			
1/0/1900 0:00	1/0/1900 0:00	0	0					0	1		N/A	A	E	I	RR	Casing Point			
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA			
5	0	22	Baker Hughes	GTX-CG1	5275914	24	24	24	16	0	0	0	0	0	0	1.5217			
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON			
1/4/2021 17:30	1/5/2021 6:00	1423	1884	34.63	16.88	12.5	45.0	10.25											
FUEL DELIVERED			FUEL USED TODAY		896		MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL			FRESH WATER				
FUEL ON HAND			5,870		TOTAL FUEL USED		10,236		Gel		Mica		ASO		DAILY SOLIDS		OWNER		
PICKUP WT.			AVG. DRAG		Poly Plus		Quick Thin		PolyPac Uil		Soda Ash		Gelex		TOTAL SOLIDS		DAILY BBL'S		
ROTATING WT.			MAX. DRAG		Caustic		Lime		Tackle		Cost		DAILY DISPOSAL COSTS		CUM BBL'S				
SLACKOFF WT.			TQ ON BTM		Bar		Lime		Tackle		Cost		DAILY LIQUIDS		CUM BBL'S				
BHA HOURS			TQ OFF BTM		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		CUM BBL'S						
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
HOURS		TIME CODE																	
0.25		27: Other		Safety Meeting/Crew Handover															
2.75		15: NU BOP's		Weld Rotating Head Bowl and Install.															
1.00		27: Other		Install Wear Bushing.															
1.50		27: Other		Hook Up Flow line Extension, Stab Mouse Hole and Functon Diverter.															
2.00		20: Directional Work		Make up BHA.															
1.50		6s Tripping		Trip in the hole to 1,260'.															
1.00		6s Tripping		Install Rotating Head.															
0.75		5 Cond. Mud & Circ		Wash down to Shoe @ 1,383', Displace hole with 10.0 ppg Brine Water.															
0.75		24: Drill Cmt / Shoe Test		Drill out Shoe and Cement to 1,423'.															
0.25		2: Drilling		Rotate w/ Bit #5 From 1423' to 1433' (40'ft/hr) w/ 27 WOB, 35 Surf RPM, 97.5 Motor RPM.															
0.25		5s Cond. Mud & Circ		Perform FIT.															
0.25		27: Other		Safety Meeting/Crew Handover.															
4.75		2: Drilling		Rotate w/ Bit #5 From 1433' to 1609' (37'ft/hr) w/ 40 WOB, 25 Surf RPM, 110.5 Motor RPM.															
1.75		20: Directional Work		Trouble shoot MWD , Trip up to last survey compare Data, Data matched last survey trip back to bottom															
0.75		2: Drilling		Slide w/ Bit #5 From 1609' to 1629' (27'ft/hr) w/ 30 WOB, 0 Surf RPM, 110.5 Motor RPM.															
1.50		2: Drilling		Rotate w/ Bit #5 From 1629' to 1703' (49'ft/hr) w/ 40 WOB, 25 Surf RPM, 130 Motor RPM.															
0.50		2: Drilling		Slide w/ Bit #5 From 1703' to 1723' (40'ft/hr) w/ 30 WOB, 0 Surf RPM, 130 Motor RPM.															
1.25		2: Drilling		Rotate w/ Bit #5 From 1723' to 1789' (53'ft/hr) w/ 40 WOB, 25 Surf RPM, 130 Motor RPM.															
0.75		2: Drilling		Slide w/ Bit #5 From 1789' to 1814' (33'ft/hr) w/ 30 WOB, 0 Surf RPM, 130 Motor RPM.															
0.50		2: Drilling		Rotate w/ Bit #5 From 1814' to 1884' (140'ft/hr) w/ 40 WOB, 25 Surf RPM, 130 Motor RPM.															
No Accidents, Spills or Inspections to report																			
QTY		BHA ITEM		LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD						
1		22" Bit		2.10	1 MURU/RDMO		0.00	81.00											
1		9-5/8 NOV 6/7 5@1.5 SLK SLV		30.87	2 Drilling		10.25	45.00	Depth		Dev.		Azi.	TVD	VS	DLS			
1		8" Shock Sub		13.77	3 Washing/Reaming		0.00	0.50	0		0.00		0	0	0.00	0.00			
1		21.25" IRS Stab		7.44	4 Lost Circulation		0.00	0.00	0		0.00		0	0	0.00	0.00			
1		8" UBHO Sub		2.53	5 Cond. Mud & Circ		1.00	4.25	180		0.67		207	180	-1.01	0.37			
1		8" NMDC		30.26	6 Tripping		2.50	30.00	234		0.66		200	234	-1.60	0.16			
1		8" Pony Collar		13.81	7 Lubricate Rig		0.00	1.00	295		0.90		200	295	-2.36	0.39			
1		8" NMDC		29.95	8 Rig Repair		0.00	20.50	390		0.35		194	390	-3.31	0.58			
1		21.3/4" IRS Stab		7.21	9 Cut Drig Line		0.00	0.00	481		0.25		181	481	-3.70	0.14			
12		8" Drill Collars		359.40	10 Deviation Survey		0.00	0.00	572		0.42		37	572	-3.51	0.70			
1		XD 6 5/8 Reg PH #4 1/2 IF BX		3.61	11 Wireline Logging		0.00	7.75	663		0.50		41	663	-2.78	0.09			
15		6.5" Drill Collars		454.74	12 Run Casing		0.00	26.50	754		0.43		20	754	-2.07	0.20			
15		5" HWDP		454.99	13 Cement Casing		0.00	7.25	876		0.29		4	876	-1.41	0.14			
					14 Wait On Cement		0.00	7.75	941		0.00		0	941	-1.28	0.45			
					15 NU BOP's		2.75	35.50	1,033		0.20		290	1,033	-1.34	0.22			
					16 Test BOP's		0.00	2.50	1,123		0.22		329	1,123	-1.36	0.16			
					17 Plug Back		0.00	0.00	1,215		0.22		268	1,215	-1.44	0.24			
					18 Squeeze Cmt.		0.00	0.00	1,307		0.37		81	1,307	-1.33	0.64			
					19 Fishing		0.00	0.00	1,437		4.34		72	1,437	3.32	3.06			
					20 Directional Work		3.75	12.50	1,532		4.89		67	1,532	10.17	0.70			
					21 Weather		0.00	0.00	1,627		4.00		71	1,626	16.79	0.99			
					22 Well Control		0.00	0.00	1,721		3.05		74	1,720	21.81	1.05			
					23 Waiting-Orders/Equip		0.00	0.00	Planned VS				feet @		azimuth				
					24 Drill Cmt / Shoe Test		0.75	0.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER						
					25 Jet & Clean Pits		0.00	0.00	Heston Cheatwood										
					26 Regulatory		0.00	0.00	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER						
					27 Other		3.00	29.25	Marcus Jenkins										
					28 Other		0.00	0.00	AMEREDDEV PERSONELL										
					29 Other		0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson						
					30 Other		0.00	0.00	DRILLING ENGINEER				Diego Barreda						
					31 Other		0.00	0.00	DAY CONTROL ROOM SUP				David Pope						
					Total Depth		1884.00	TOTALS	24.00	312.00					Ted Cheatwood				
Cost Input																			
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over						
8500	0.094	SUPERVISION / CONTRACT		Heston Cheatwood/Marcus Jenkins				Russo Operating LLC			1.0		Yes						
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood/David Pope				Russo Operating LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer.				Hoppe's Construction LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications US			1.0		Yes						
8500	0.024	SURFACE RENTALS		Forklift				Boland Field Services LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		PVT/Chokes				Pason			1.0		Yes						
8500	0.024	SURFACE RENTALS		Flange for diverter Rental 4 1/16" 10k x 8" 150				McGuire Industries Inc			1.0		Yes						
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling			1.0		Yes						
8500	0.024	SURFACE RENTALS		3- 4X4 Transfer Pumps				Johnso Specialty Tools LLC			1.0		Yes						
8500	0.048	LL CONTROL EQUIP / SERV		Diverter Line, Drive over, Ecobox				Iron Horse Tools LLC			1.0		Yes						
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package				merican Safety Services, In			1.0		Yes						
8500	0.066	IDS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC			1.0		Yes						
8500	0.186	GEOLOGY		Mud Logging Service				ackstone Analytics Mud Logg			1.0		Yes						
8500	0.032	DIRECTIONAL DRILLING		MWD Services				Halliburton Energy Services			1.0		Yes						
8500	0.024	SURFACE RENTALS		Hydraulic Cellar Pump				ohnson Specialty Tools LLC			1.0		Yes						
8500	0.048	LL CONTROL EQUIP / SERV		30" Diverter (Approximate Day Rate)				eatherford U.S. L.P.(FDC49			1.0		Yes						
8500	0.06	D. ADDITIVES, AND CHEMIC		Mud additives				Halliburton Energy Services			1.0		Yes						
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes						
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars				Platinum Pipe Rentals LLC			1.0		Yes						
8500	0.03	DOWNHOLE RENTALS		Shock Sub #55-8080				A Oilfield Manufacturing Inc			1.0		Yes						
8500	0.03	DOWNHOLE RENTALS		(2) Stabilizers 21 1/4" & 21 3/4"				A Oilfield Manufacturing In			1.0		No						
8500	0.218	WELLHEAD / TREE / CHOKES		Well Head for 24" Casing				GE Oil & Gas			1.0		No						
8500	0.028	DRILL BITS		Drill Bit for BHA #2 Baker GTX-CG1 #5284/52				Baker Hughes Oilfield			1.0		No						
8500	0.068	D / FLUIDS DISPOSAL CHAR		Haul Trash Mud to Disposal				WTE Services LLC			1.0		No						
8500	0.06	D. ADDITIVES, AND CHEMIC		Haul in Brine for 22" Hole Section				WTE Services LLC			1.0		No						
8500	0.138	WELDING & MATERIALS		Build 30" Spool				Asap Oilfield Services			1.0		No						
8500												\$	-						
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Ameredev LLC																Report # 14																													
Morning Drilling Report																																													
WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE																																	
INDEPENDENCE AGI #1					0		30-025-48081		DRILLING			Wed, January 6, 2021																																	
DRILG CONTRACTOR		SPUD DATE	DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS																														
		12/27/2020	10									2,610	2,610	726	41	18																													
Current Operation			Drill 22" hole			Next 24 Hours			Drill 22" hole to 3300 ft.			TOH to log																																	
Type	Casing Specs		Top TMD	Btn TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size																														
Surface	24" X65 XLF		0	1,383	22,500		3,750	1,083	3,577	65,300	0.49179	0.55954	0		26																														
FORMATION			BGG	OG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																																		
Rustler																																													
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.	COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																													
5.0	6.500	52.30612619	54	227	0.89							1,383		11.3		9.5																													
GPS #1	LINER X STROKE	SPM #1	SPM #2	LINER X STROKE	SPM #2	GPS #3	LINER X STROKE			SPM #5	GPM	PUMPS		PUMP PRESSURE																															
4.19	6.0	12	4.19	117	6.0						980			3,400																															
MW IN	MW OUT	VIS IN	VIS OUT	PV	YR	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT																													
10.0	10.1	28.0	28.0	1.0	2.0	0.00	3.0	100.0	0.0	0.0	0.0	0.0	1.4	87.8	0.0	0.0																													
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	E5	LCM																																		
9.00	0.00	0.00	0.00	14000.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00																																		
PREV BIT #	Re-Run	SIZE	MFR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																													
5	0	22	Baker Hughes	GTX-CG1	5275914	24	24	24	16	0	0	0	0	0	0	1.5217																													
START FT	END FT	DEPTH IN	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	2	2	LOC	BEARING	GAUGE	OTHER	REASON																													
1/4/2021 17:30	1/5/2021 13:45	2142	37.60	15.67	20.25	40.5	17.25																																						
CLR. BIT #	Re-Run	SIZE	MFR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																													
6	0	22	Baker Hughes	KM633X	5315651	15	15	15	15	15	15	15	15	0	0	1.3806																													
START FT	LAST CHECK	DEPTH IN	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER			LOC	BEARING	GAUGE	OTHER	REASON																													
1/5/2021 18:15	1/6/2021 6:00	2142	2610	32.50	40.00	10.752	45.6																																						
FUEL DELIVERED			6,900	FUEL USED TODAY			2,670	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL			FRESH WATER																														
FUEL ON HAND			10,100	TOTAL FUEL USED			12,906	Gel	Mica	ABO	DAILY SOLIDS			0	OWNER																														
PICKUP WT.			150	AVG. DRAG			2	Poly Plus	Quick Thin	PolyPac Ul	TOTAL SOLIDS			0	DAILY BBLs																														
ROTATING WT.			148	MAX. DRAG			2	Caustic	Soda Ash	Gelox	DAILY DISPOSAL COSTS				CUM BBLs																														
SLACKOFF WT.			145	TQ. ON BTM			9,000	Bar	Lime	Tackle	DAILY LIQUIDS			0																															
BHA HOURS			11	TQ OFF BTM			4,000	Pac-R	Alum Ster	Cost	TOTAL LIQUIDS			0																															
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																													
HOURS			TIME CODE																																										
0.25	27: Other		Safety Meeting/Crew Handover.																																										
0.50	2: Drilling		Rotate w/ Bit #5 From 1894' to 1891' (14"/hr) w/ 40 WOB, 25 Surf RPM, 130 Motor RPM.																																										
1.00	2: Drilling		Slide w/ Bit #5 From 1891' to 1911' (20"/hr) w/ 32 WOB, 0 Surf RPM, 130 Motor RPM.																																										
2.25	2: Drilling		Rotate w/ Bit #5 From 1911' to 1986' (33"/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM.																																										
0.50	2: Drilling		Slide w/ Bit #5 From 1986' to 2011' (50"/hr) w/ 40 WOB, 0 Surf RPM, 130 Motor RPM.																																										
1.00	2: Drilling		Rotate w/ Bit #5 From 2011' to 2079' (80"/hr) w/ 45 WOB, 15 Surf RPM, 130 Motor RPM.																																										
0.50	2: Drilling		Slide w/ Bit #5 From 2079' to 2109' (60"/hr) w/ 40 WOB, 0 Surf RPM, 130 Motor RPM.																																										
1.75	2: Drilling		Rotate w/ Bit #5 From 2109' to 2142' (19"/hr) w/ 45 WOB, 25 Surf RPM, 130 Motor RPM.																																										
0.50	5: Cond. Mud & Circ		Circulate + Bottoms Up.																																										
2.50	6: Tripping		Trip out of the hole and Change out Bits.																																										
1.25	6: Tripping		Trip in the hole to 1,680'																																										
0.25	24: Drill Cmt / Shoe Test		Safety Meeting/Crew Handover.																																										
0.25	6: Tripping		Continue TH with 22" bit and 1.5 deg motor assembly from 954 ft to 1411 ft.																																										
0.50	6: Tripping		Install RCD, observe well static.																																										
0.25	6: Tripping		TH from 1411 ft to 2073 ft, wash down to 2142 ft.																																										
0.75	2: Drilling		Rotate w/ Bit #6 From 2142' to 2170' (37"/hr) w/ 25 WOB, 30 Surf RPM, 130 Motor RPM. Observe 3600 psi with 10 ppg mud in and 10.1 ppg out.																																										
1.00	2: Drilling		Slide w/ Bit #6 From 2170' to 2200' (30"/hr) w/ 40 WOB, Surf RPM, 130 Motor RPM. GTF 250																																										
0.75	2: Drilling		Rotate w/ Bit #6 From 2200' to 2263' (84"/hr) w/ 35 WOB, 45 Surf RPM, 130 Motor RPM.																																										
0.75	2: Drilling		Slide w/ Bit #6 From 2263' to 2293' (40"/hr) w/ 40 WOB, Surf RPM, 130 Motor RPM. GTF 250																																										
1.00	2: Drilling		Rotate w/ Bit #6 From 2293' to 2369' (76"/hr) w/ 35 WOB, 45 Surf RPM, 130 Motor RPM.																																										
1.00	2: Drilling		Slide w/ Bit #6 From 2369' to 2410' (41"/hr) w/ 40 WOB, Surf RPM, 126.75 Motor RPM.																																										
0.50	2: Drilling		Rotate w/ Bit #6 From 2410' to 2451' (82"/hr) w/ 20 WOB, 40 Surf RPM, 126.75 Motor RPM. 10 ppg. Adjust parameters for drilling vibration with surface equipment.																																										
0.50	7: Lubricate Rig		Rig Service																																										
0.50	2: Drilling		Slide w/ Bit #6 From 2451' to 2476' (50"/hr) w/ 40 WOB, Surf RPM, 126.75 Motor RPM. GTF 250																																										
0.25	2: Drilling		Rotate w/ Bit #6 From 2476' to 2491' (60"/hr) w/ 20 WOB, 40 Surf RPM, 126.75 Motor RPM.																																										
0.50	2: Drilling		Slide w/ Bit #6 From 2491' to 2511' (40"/hr) w/ 40 WOB, Surf RPM, 126.75 Motor RPM. GTF 250 degrees. Rig into Power Limit of 85%																																										
1.50	2: Drilling		Rotate w/ Bit #6 From 2511' to 2550' (26"/hr) w/ 15 WOB, 40 Surf RPM, 126.75 Motor RPM. Off bottom pressure 3400 psi. Reduce WOB for directional control																																										
0.50	2: Drilling		Slide w/ Bit #6 From 2550' to 2575' (50"/hr) w/ 40 WOB, Surf RPM, 126.75 Motor RPM. MTF 270																																										
0.50	2: Drilling		Rotate w/ Bit #6 From 2575' to 2590' (30"/hr) w/ 25 WOB, 40 Surf RPM, 126.75 Motor RPM.																																										
0.75	2: Drilling		Slide w/ Bit #6 From 2590' to 2610' (27"/hr) w/ 40 WOB, Surf RPM, 126.75 Motor RPM.																																										
No Accidents, Spills or Inspections to report																																													
24.00																																													
QTY	BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lnds Pt MD/TVD																																
1	22" Bit		2.10		1 MIRR/ODMO		0.00	81.00																																					
1	9-5/8 NOV 6/7 5@1.5 LUK SLV		31.00		2 Drilling		17.75	62.75	Depth	Dev.	Azi	TVD	VS	DLS																															
1	8" Shock Sub		14.00		3 Washing/Reaming		0.00	0.50																																					
1	21.25" IBS Stab		7.00		4 Lost Circulation		0.00	0.00	0	0.00	0	0	0.00	0.00																															
1	8" UBHO Sub		3.00		5 Cond. Mud & Circ		0.50	4.75	180	0.67	207	180	-1.01	0.37																															
1	8" NMDC		30.00		6 Tripping		4.75	34.75	234	0.66	200	234	-1.60	0.16																															
1	8" Pony Collar		14.00		7 Lubricate Rig		0.50	1.50	295	0.90	200	295	-2.36	0.39																															
1	8" NMDC		30.00		8 Rip Repair		0.00	20.50	390	0.35	194	390	-3.31	0.58																															
1	21.3/4" IBS Stab		7.00		9 Cut Drig Line		0.00	0.00	481	0.25	181	481	-3.70	0.14																															
12	8" Drill Collars		359.00		10 Deviation Survey		0.00	0.00	572	0.42	37	572	-3.51	0.70																															
1	XO 6 5/8 Reg PN x 4 1/2 IF BX		4.00		11 Wireline Logging		0.00	7.75	663	0.50	41	663	-2.78	0.09																															
15	6.5" Drill Collars		455.00		12 Run Casing		0.00	26.50	754	0.43	20	754	-2.07	0.20																															
15	5" HWDP		455.00		13 Cement Casing		0.00	7.25	876	0.29	4	876	-1.41	0.14																															
					14 Wait On Cement		0.00	7.75	941	0.00	0	941	-1.28	0.45																															
					15 NU BOP's		0.00	35.50	1,033	0.20	290	1,033	-1.34	0.22																															
					16 Test BOP's		0.00	2.50	1,123	0.22	329	1,123	-1.36	0.16																															
					17 Plug Back		0.00	0.00	1,215	0.22	268	1,215	-1.44	0.24																															
					18 Squeeze Cmt		0.00	0.00	1,307	0.37	81	1,307	-1.33	0.64																															
					19 Fishing		0.00	0.00	1,437	4.34	72	1,437	3.32	3.06																															
					20 Directional Work		0.00	12.50	1,532	4.89	67	1,532	10.17	0.70																															
					21 Weather		0.00	0.00	1,627	4.00	71	1,626	16.79	0.99																															
					22 Well Control		0.00	0.00	1,721	3.03	74	1,720	21.81	1.05																															
					23 Waiting-Orders/Equip		0.00	0.00	Planned VS		Test @		azimuth																																
					24 Drill Cmt / Shoe Test		0.25	1.00	DAY DRILLING FOREMAN		CELL PHONE NUMBER																																		
					25 Jct & Clean Pits		0.00	0.00	Heaton cheatwood																																				
					26 Regulatory		0.00	0.00	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER																																		
					27 Other		0.25	29.50	Marcus Jenkins																																				
					28 Other		0.00	0.00	AMEREDDEV PERSONELL																																				
					29 Other		0.00	0.00	DRILLING SUPERINTENDENT		JT Wilkerson																																		
					30 Other		0.00	0.00	DRILLING ENGINEER		Diego Barrada																																		
					31 Other		0.00	0.00	DAY CONTROL ROOM SUP		Chris Huff																																		
					TOTALS		24.00	336.00	NIGHT CONTROL ROOM SUP		Andy Slusarchuk																																		
Cost Input																																													
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over																																
8500	0.094	SUPERVISION / CONTRACT		Heaton Cheatwood/Marcus Jenkins				Rusco Operating LLC			1.0		Yes																																
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk / Chris Huff				Rusco Operating LLC			1.0		Yes																																
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer.				Hoppe's Construction LLC			1.0		Yes																																
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications US			1.0		Yes																																
8500	0.024	SURFACE RENTALS		Forklift				Boland Field Services LLC			1.0		Yes																																
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes																																
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes																																
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes																																
8500	0.024	SURFACE RENTALS		PVT/Chokes				Pason			1.0		Yes																																
8500	0.024	SURFACE RENTALS		Flange for diverter Rental 4 1/16" 10k x 8" 150				McGuire Industries Inc			1.0		Yes																																
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling			1.0		Yes																																
8500	0.024	SURFACE RENTALS		3- 4X4 Transfer Pumps				Johnso Specialty Tools LLC			1.0		Yes																																
8500	0.048	LL CONTROL EQUIP / SERV		Diverter Line, Drive over, Ecobox				Iron Horse Tools LLC			1.0		Yes																																
8500	0.124	TY AND EMERGENCY RESP		H2S Compliance Package				American Safety Services, In			1.0		Yes																																
8500	0.066	IDS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC			1.0		Yes																																
8500	0.186	GEOLOGY		Mud Logging Service				edwards Analytics Mud Logg			1.0		Yes																																
8500	0.032	DIRECTIONAL DRILLING		MWD Services				Halliburton Energy Services			1.0		Yes																																
8500	0.024	SURFACE RENTALS		Hydraulic Celler Pump				Johnson Specialty Tools LLC			1.0		Yes																																
8500	0.048	LL CONTROL EQUIP / SERV		30" Diverter (Approximate Day Rate)				eatherford U.S. LP.(FDC493			1.0		Yes																																
8500	0.06	D, ADDITIVES, AND CHEM		Mud additives				Halliburton Energy Services			1.0		Yes																																
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes																																
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars				Platinum Pipe Rentals LLC			1.0		Yes																																
8500	0.03	DOWNHOLE RENTALS		Shock Sub 8SS-8080				A Oilfield Manufacturing In			1.0		Yes																																
8500	0.328	VACUUM TRUCK		Vac Truck to Haul Trash mud to disposal				WTE Services LLC			1.0		No																																
8500	0.024	SURFACE RENTALS		Mud/gas lines Surface Equipment				Iron Horse Tools LLC			1.0		No																																
8500	0.048	LL CONTROL EQUIP / SERV		Pressure Test 24" Surface casing				Battelle Energy Services			1.0		No																																
8500	0.328	VACUUM TRUCK		Vac Truck to Haul Cement Excess / Trash to Disposal				R&M Trucking and Backhoe			1.0		No																																
8500	0.024	SURFACE RENTALS		Move and R/U Water/Septic, Trash Trailer and light plants				Hoppe's Construction LLC			1.0		No																																
8500	0.028	DRILL BITS		22" KYMERA #5315651				Ameredev Operating LLC			1.0		No																																
8500												\$ -																																	
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Ameredev LLC																Report # 17							
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE										
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Sat, January 9, 2021										
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		13										3,450		3,450		0		0		0	
Current Operation				Circulate 20" casing with shoe at 3412 ft						Next 24 Hours		Run 5" dp cement stinger, cement 20" casing as programmed											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24" x65 XLF			0		1,383		22.500		3,750	1,083	3,577	65,300	0.49179	0.55954	0		26					
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Tarsil				0		0		0	30	30	30	30	30	30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA		COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP						
5.0	6.500	11.17652269	12	49	0.01								1,383		11.3		93						
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE								
4.19	6.0			50	4.19	6.0		12					209		65								
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
10.0	10.3	28.0	28.0	1.0	2.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	3.4	87.8	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM												
3.00	0.00	0.00	0.00	185000.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
5		22	Baker Hughes	GTIX-CG1	5275914	24	24	24	16	0	0	0	0	0	0	1.5217							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/4/2021 17:30	1/5/2021 13:45	1423	2142	37.60	15.67	20.25	40.5	2	2	2	8T	M	E	I	WT	Reason of Non-Performance							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
6		22	Baker Hughes	KM633X	5315651	15	15	15	15	15	15	15	15	15	0	1.3806							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/5/2021 19:15	1/8/2021 5:00	2142	3450	33.70	32.00	57.75	44.7	29.252	1	2	WT	A	E	I	NO	Casing Point							
FUEL DELIVERED	0		FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL				FRESH WATER								
FUEL ON HAND	5,550		TOTAL FUEL USED		17,456		Gel		Mica		ABO	DAILY SOLIDS		0		OWNER							
PICKUP WT.	350		AVG. DRAG		0		Poly Plus		Quick Thin		PolyPac UI	TOTAL SOLIDS		0		DAILY BBLs							
ROTATING WT.	0		MAX. DRAG		0		Caustic		Soda Ash		Gelex	DAILY DISPOSAL COSTS				CUM BBLs							
SLACKOFF WT.	240		TQ. ON BTM		0		Bar		Lime		Tackle	DAILY LIQUIDS		0									
BHA HOURS	0		TQ. OFF BTM		0		Pac-R		Alum Ster		Cost	TOTAL LIQUIDS		0									
HOURS	TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																				
1.00	5: Cond. Mud & Circ		Finish Circulating B/U.																				
0.25	27: Other		Safety Meeting/Crew Handover.																				
4.00	6: Tripping		Trip out of the hole from 3,450' to 150'.																				
2.00	20: Directional Work		Remove MWD Tool, lay down UBHO, Bit and Motor.																				
0.50	27: Other		Remove Wear Bushing. Verbal verification to NMOC, (Mr Paul Kautz) voice mail of intent to set casing, & of intent to cement 20" casing. This was backed up with email.																				
1.50	12: Run Casing		Rig Up Frank's Casing Running Equipment.																				
0.25	12: Run Casing		Hold Safety Meeting with Rig Crew & Frank's for Casing Run.																				
2.50	12: Run Casing		Make up Shoe Track (thread lock connection), Run 20" 133# NT-80 BTC Casing to 430'.																				
0.25	27: Other		Safety Meeting/Crew Handover.																				
3.50	12: Run Casing		Run 20" 133# NT-80DE (BTC) casing from 430 ft to 24" shoe at 1383 ft. Difficulty making up joint #25, back out, clean & inspect, make up successfully.																				
0.50	5: Cond. Mud & Circ		M/U circulating head, pump at 1 BPM, 3 BPM and 5 BPM. At 5 BPM 61 psi. P/U 150k, S/O 147k.																				
1.25	12: Run Casing		Continue run casing from 1383 ft to 1695 ft. Some of the protectors are difficult to remove due to impact on the ramp.																				
0.50	28: Other		Franks NPT, Change out Power Tongs, broken bottom plate. Order bolts for bottom plate and continue job with contingency Power Tongs.																				
5.00	12: Run Casing		Run 20" casing from 1695 ft to 3412 ft filling every 5 joints. Shoe set at 3412 ft. Final P/U 350k, S/O 240k.																				
1.00	5: Cond. Mud & Circ		M/U circulating head, stage up pumps to 300 gpm, 97 psi.																				
24.00	No Accidents, Spills or Inspections to report																						
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD									
1	22" Bit			2.10		1 MIRU/RDMO		0.00	81.00														
1	9-5/8 NOV 6/7 5@1.5 SLK SLV			31.00		2 Drilling		0.00	81.75	Depth		Dev.		Azi.		TVD							
1	8" Shock Sub			14.00		3 Washing/Reaming		0.00	0.50			0		0		0.00							
						4 Lost Circulation		0.00	0.00	0		0.00		0		0.00							
1	8" UBHO Sub			3.00		5 Cond. Mud & Circ		2.50	8.75	180		0.67		207		180							
1	8" NMDC			30.00		6 Tripping		4.00	51.00	234		0.66		200		234							
1	8" Pony Collar			14.00		7 Lubricate Rig		0.00	2.75	295		0.90		200		295							
1	8" NMDC			30.00		8 Rig Repair		0.00	21.25	390		0.35		194		390							
						9 Cut Drlg Line		0.00	0.00	481		0.25		181		481							
12	8" Drill Collars			359.00		10 Deviation Survey		0.00	0.00	572		0.42		37		572							
1	XO 6 5/8 Reg PH x 4 1/2 IF BX			4.00		11 Wireline Logging		0.00	19.00	663		0.50		41		663							
15	6.5" Drill Collars			455.00		12 Run Casing		14.00	40.50	754		0.43		20		754							
15	5" HWDP			455.00		13 Cement Casing		0.00	7.25	876		0.29		4		876							
						14 Wait On Cement		0.00	7.75	941		0.00		0		941							
						15 NU BOP's		0.00	35.50	1,033		0.20		290		1,033							
						16 Test BOP's		0.00	2.50	1,123		0.22		329		1,123							
						17 Plug Back		0.00	0.00	1,215		0.22		268		1,215							
						18 Squeeze Cmt		0.00	0.00	1,307		0.37		81		1,307							
						19 Fishing		0.00	0.00	1,437		4.34		72		1,437							
						20 Directional Work		2.00	15.50	1,532		4.89		67		1,532							
						21 Weather		0.00	0.00	1,627		4.80		71		1,626							
						22 Well Control		0.00	0.00	1,721		3.03		74		1,720							
						23 Waiting-Orders/Equip		0.00	0.00	Planned VS		feet @		azimuth									
						24 Drill Cmt / Shoe Test		0.00	1.00	DAY DRILLING FOREMAN				CELL PHONE NUMBER									
						25 Wait & Clean Pits		0.00	0.00	Hesston Cheatwood/Marcus Jenkins				CELL PHONE NUMBER									
Joins	DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory		0.00	0.00	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER									
						27 Other		1.00	31.50	Marcus Jenkins													
						28 Other		0.50	0.50	AMEREDDEV PERSONNEL													
						29 Other		0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson									
						30 Other		0.00	0.00	DRILLING ENGINEER				Diego Barrada									
						31 Other		0.00	0.00	DAY CONTROL ROOM SUP				Chris Huff									
						TOTALS		24.00	408.00	NIGHT CONTROL ROOM SUP				Andy Slusarchuk									
Cost Input																							
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over										
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC			1.0		Yes										
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk / Chris Huff				Rusco Operating LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer.				Hoppe's Construction LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		Internet & Intercoms				wersat Communications USA			1.0		Yes										
8500	0.024	SURFACE RENTALS		Forklift				Boland Field Services LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes										
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes										
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes										
8500	0.024	SURFACE RENTALS		PVT/Chokes				Pason			1.0		Yes										
8500	0.024	SURFACE RENTALS		Flange for diverter Rental 4 1/16" 10k x 8" 150				McGuire Industries Inc			1.0		Yes										
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling			1.0		Yes										
8500	0.024	SURFACE RENTALS		3- 4X4 Transfer Pumps				Johnso Specialty Tools LLC			1.0		Yes										
8500	0.048	LL CONTROL EQUIP / SERV		Diverter Line, Drive over, EcoBOX.				Iron Horse Tools LLC			1.0		Yes										
8500	0.124	TY AND EMERGENCY RESP		H2S Compliance Package				American Safety Services, In			1.0		Yes										
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC			1.0		Yes										
8500	0.186	GEOLOGY		Mud Logging Service				lackstone Analytics Mud Loggi			1.0		Yes										
8500	0.032	DIRECTIONAL DRILLING		MWD Services				Halliburton Energy Services			1.0		Yes										
8500	0.024	SURFACE RENTALS		Hydraulic Cellar Pump				Johnson Specialty Tools LLC			1.0		Yes										
8500	0.048	LL CONTROL EQUIP / SERV		30" Diverter (Approximate Day Rate)				eatherford U.S. L.P./FDC492			1.0		Yes										
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives				Halliburton Energy Services			1.0		Yes										
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes										
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars				Platinum Pipe Rentals LLC			1.0		Yes										
8500	0.03	DOWNHOLE RENTALS		Shock Sub #SS-8080				A Oilfield Manufacturing In			1.0		No										
8500	0.042	BING & BHA INSPECT & REP		Clean, Drift, and Tally 20" Intermediate Casing				Sarrison Bros Oilfield Servic			1.0		No										
8500	0.074	NG / LINER / FLOAT EQUIPM		20" 133# NT-80DE (BTC) casing set at 3412 ft				B&L Pipeco Services Inc			1.0		No										
8500												\$ -											
8500												\$ -											
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Ameredev LLC																	Report # 18			
Morning Drilling Report																				
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE							
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Sun, January 10, 2021							
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS				
		12/27/2020	14									3,450	3,450	0	0	0				
Current Operation				Rig Up Schlumberger Wireline for CBL				Next 24 Hours				Run CBL to verify TOC								
Type	Casing Specs			Top TMD	8tm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size				
Surface	24			1,383	1,383											26				
Intermediate	20"			3,412	3,410	NeoCem	635.000	11	3	HalCem	410	14.80000	1.33000	No	0	22				
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI								
Tarsil				0	0	0	30	30	30	30	30	30								
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	11.17652269	12	49	0.01						3,410		11.3		177					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE				
4.19	6.0			12	50	4.19		6.0	12	0		209	65							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec		Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND				
10.3	10.3	28.0	28.0	1.0	2.0	0.00		3.0	100.0	0.0	0.0	0.0	0.0	3.4	87.8	0.0				
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL		WATER	D W	LIME	ES	LCM								
9.00	0.00	0.00	0.00	185000.00	2000.00	0.00		0.00	0.00	0.00	0.00	0.00								
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA				
5	0	22	Baker Hughes	GTX-CG1	5275914	24	24	24	16	0	0	0	0	0	0	1.5217				
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON				
1/4/2021 17:30	1/5/2021 13:45	1423	2142	37.60	15.67	20.25	40.5	17.75	2	2	8T	M	E	I	WT	Reason of Discontinuation				
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA				
6	0	22	Baker Hughes	KM633X	5315651	15	15	15	15	15	15	15	15	0	0	1.3806				
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON				
1/5/2021 19:15	1/8/2021 5:00	2142	3450	33.70	32.00	57.75	44.7	29.252	1	2	WT	A	E	I	NO	Casing Point				
FUEL DELIVERED				7,234	FUEL USED TODAY				659	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER		
FUEL ON HAND				12,125	TOTAL FUEL USED				18,115	Gel		Mica	ABO	DAILY SOLIDS		0	OWNER			
PICKUP WT.				350	AVG. DRAG				0	Poly Plus		Quick Thin	PolyPac UI	TOTAL SOLIDS		0	DAILY BBLs			
ROTATING WT.				0	MAX. DRAG				0	Caustic		Soda Ash	Gelex	DAILY DISPOSAL COSTS			CUM BBLs			
SLACKOFF WT.				240	TQ. ON BTM				0	Bar		Lime	Tackle	DAILY LIQUIDS		0				
BHA HOURS				0	TQ OFF BTM				0	Pac-R		Alum Ster	Cost	TOTAL LIQUIDS		0				
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																				
HOURS				TIME CODE																
0.25				27: Other		Safety Meeting/Crew Handover.														
2.25				5: Cond. Mud & Circ		Circulate while Making up Stands in the Mouse Hole.														
0.50				13: Cement Casing		Rig up floor to run Inner String Drill Pipe.														
5.50				13: Cement Casing		Trip in the hole to 3,364'. Sting into Float Collar. Set down 35k with Stinger.														
1.00				13: Cement Casing		Circulate while getting Cementing Equipment Rigged up to the floor.														
0.25				13: Cement Casing		Hold Safety Meeting with Cementers and Rig Crew.														
2.25				13: Cement Casing		Test surface lines to 3500 psi. Pump 40 Bbls gel water Mud Flush III at 5 BPM. Mix & pump 306 Bbls of 11 ppg lead, (635 sks NeoCem), 2,722 cuft/sx yield, 16.9 gal/sx. Followed by 97 Bbls of 14.8 ppg tail, (410 sks HalCem) 1.33 cuft/sx yield, 6.36 gal/sx at 5 BPM. Drop plug and displace with 55 Bbls of fresh water at 58BPM, reduce rate to 3 BPM to bump plug with 640 psi FCP, increase to 1840 psi. Floats holding, Full returns throughout the cement job. No cement returns to surface, observe 30 Bbls of Mud Flush III spacer back to surface. Notify NMOCD of no cement returns to surface by voicemail and email.														
0.25				27 Other		Safety Meeting/Crew Handover.														
0.25				13: Cement Casing		Rig down Halliburton Cementers from rig floor.														
4.00				6: Tripping		TOH with 5" drill pipe stinger assembly.														
7.50				14: Wait On Cement		WOC, clean mud pits.														
						</														



Ameredev LLC																				Report # 19											
Morning Drilling Report																															
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																	
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Mon, January 11, 2021																	
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		ROT HRS													
		12/27/2020		15								3,450		3,450		0		0													
Current Operation:				Install B Section with Vault				Next 24 Hours:				Test B section to 1200 psi. N/U BOPs & test BOPs																			
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size															
Surface	24			1,383	1,383											26															
Intermediate	20"			3,412	3,410	NeoCem	635,000	11	3	HalCem	410	14,80000	1.33000	No	0	22															
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																			
Tansil				0	0	0	30		30		30																				
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP														
5.0	6.500	11.17652269	12	49	0.01								3,410		11.3		177														
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS															
4.19	6.0			12	50	6.0			12	0				209	65																
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT															
10.3	10.3	28.0	28.0	1.0	2.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	3.4	87.8	0.0	0.0															
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM																				
9.00	0.00	0.00	0.00	185000.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00																				
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA															
5	0	22	Baker Hughes	GTK-CG1	5275914	24	24	24	16	0	0	0	0	0	0	1.5217															
START FT.	END FT.	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON															
1/4/2021 17:30	1/5/2021 13:45	1423	2142	37.60	15.67	20.25	40.5	17.75	2	2	BT	M	E	I	WT	Reason of Production Issue															
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA															
6	R		Baker Hughes	KM633X	5315651	15	15	15	15	15	15	15	15	15	0	1.3806															
START FT.	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON															
1/5/2021 19:15	1/8/2021 5:00	2142	3450	33.70	32.00	57.75	44.7	29.252	1	2	WT	A	E	I	NO	Casing Point															
FUEL DELIVERED	7,234			FUEL USED TODAY			MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL			FRESH WATER																
FUEL ON HAND	11,401			TOTAL FUEL USED			Gel			Mica			ABQ			DAILY SOLIDS															
PICKUP WT.	350			AVG. DRAG			Poly Plus			Quick Thin			PolyPac UI			TOTAL SOLIDS															
ROTATING WT.	0			MAX. DRAG			Caustic			Soda Ash			Galex			DAILY DISPOSAL COSTS															
SLACKOFF WT.	240			TQ. ON BTM			Bar			Lime			Tackle			DAILY LIQUIDS															
BHA HOURS	0			TQ. OFF BTM			Pac-R			Alum Ster			Cost			TOTAL LIQUIDS															
HOURS				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																											
0.25				27: Other Safety Meeting/Crew Handover.																											
4.75				14: Wait On Cement Rig up Wireline Tools/WOC.																											
1.25				11: Wireline Logging Pick up Logging Tools to the floor, Reboot Logging Truck.																											
3.75				11: Wireline Logging Run EDTC (Telemetry, GR, Temp), USAC (Cartridge), USIT (Ultrasonic, CBL) and USRS-F (Sub) Logging Tools. Log down to 3,350' and back to up to Surface.																											
1.00				11: Wireline Logging Rig down Schlumberger wireline. Lead cement observed from 400ft to approximately 2880ft. Tail observed from 2880ft to 3357ft. Some channeling observed throughout and ring like images show casing eccentered.																											
1.00				15: NU BOP's Nipple Down Flowline/Diverter.																											
0.25				27: Other Safety Meeting/Crew Handover.																											
1.00				15 NU BOP's N/D 30" diverter.																											
5.00				28: Other Vault GE Wellhead tech Set 20" casing slips with 200k.																											
1.00				28: Other Vault make initial casing cut, set aside 30" diverter																											
3.75				28: Other Flip Vdoor ramp, remove flow T. remove 30" diverter with Gin pole truck. Remove drilling spool, spacer spool and DSA.																											
1.00				28: Other Vault tech make final casing cut 6" and bevel. Install B section.																											



Ameredev LLC																		Report # 20																					
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Tue, January 12, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																	
		12/27/2020		16										3,450		3,450		0		0		0																	
Current Operation				Waiting on 20" Casing Spear, (Regulatory Cement Top Up Job)				Next 24 Hours				Spear 20" casing, remove slips. Conduct Cement Top Up job																											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SXS Gmt		Hole Size											
Surface		24		1,383		1,383																						26											
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		HalCem		410		14.80000		1.33000		0		635 / 410		22											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Tansil				0		0		0		30		30		30		30		30		30																			
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																			
5.0		6.500		11.17652269		12		49		0.01						3,412		11.3		177																			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
4.19		6.0		12		50		4.19		6.0		12		0		209		65																					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT							
10.3		10.3		28.0		28.0		1.0		2.0		1.0		3.0		100.0		0.0		0.0		0.0		0.0		3.4		87.8		0.0		0.0							
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM																	
9.00		0.00		0.00		0.00		185000.00		2000.00		0.00		0.00		0.00		0.00		0.00		0.00																	
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
5		0		22		Baker Hughes		GTX-CG1		5275914		24		24		24		16		0		0		0		0		0		0		1.5217							
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
1/4/2021 17:30		1/5/2021 13:45		1423		2142		37.60		15.67		20.25		40.5		17.75		2		2		8T		M		E		I		WT		One Of Parameters							
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
6		R		22		Baker Hughes		KM633X		5315651		15		15		15		15		15		15		15		15		0		0		1.3806							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
1/5/2021 19:15		1/8/2021 5:00		2142		3450		33.70		32.00		57.75		44.7		29.252		1		2				A		E		I		NO		Casing Point							
FUEL DELIVERED				FUEL USED TODAY				543				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				TOTAL FUEL USED				26,616				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER							
PICKUP WT.				AVG. DRAG				0				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.				MAX. DRAG				0				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				0				CUM BBLs				0			
SLACKOFF WT.				TQ. ON BTM				0				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				TQ OFF BTM				0				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
3.00		15: NU BOP's		Install 20" Pack Off.																																			
2.75		15: NU BOP's		Install Spools, Take off 36" Spool to install Mud Cross with Kill Line valves and HCR valves. Valves Hitting on Cellar Grating. Decision made to cut out Cellar Grating out.																																			
2.00		15: NU BOP's		Assist Welder in Removing Grating from the Cellar.																																			
4.00		15: NU BOP's		Nipple down mud cross and spacer spools and pull B section off.																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
5.75		26: Regulatory		Source equipment to Spear the 20" casing to conduct Cement Top-Up job as per NMOCD. Vault Wellhead tech remove H Plate with BOP Handler. The rig changed out Top Drive blower bracket. Weld and inspect blower mount pad eye. Service Rig.																																			
6.00		26: Regulatory		Source equipment to Spear the 20" casing to conduct Cement Top-Up job as per NMOCD. Rig Service CanRig TM120 Iron Roughneck. Change out leaking jaw ram. Change out make-up dye cartridge. Repair tap holes in dye cartridge.																																			



Ameredev LLC																	Report # 21	
Morning Drilling Report																		
WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE						
INDEPENDENCE AGI #1					0		30-025-48081		DRILLING			Wed, January 13, 2021						
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS		
		12/27/2020	17									3,450	3,450	0	0	0		
Current Operation			Waiting on Cement string for top up job					Next 24 Hours		Cement 20" annulus, N/U "B" section and BOPs. Run Usit CBL with Schlumberger								
Type	Casing Specs		Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size			
Surface	24		1,383	1,383												26		
Intermediate	20" N-80 133# BTC		0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410		22		
FORMATION			BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI							
Tansil			0	0	0	30		30		30								
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHF/SQ IN BIT DIA	COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP				
5.0	6.500	11.17652269	12	49	0.01					3,412		11.3		177				
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE				
4.19	6.0		12	4.19	6.0		12		6.0		209			65				
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
10.3	10.3	28.0	28.0	1.0	2.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	3.4	87.8	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM							
9.00	0.00	0.00	0.00	185000.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00							
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
5	0	22	Baker Hughes	GTX-CG1	5275914	24	24	24	16	0	0	0	0	0	0	1.5217		
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
1/4/2021 17:30	1/5/2021 13:45	1423	2142	37.60	15.67	20.25	40.5	17.75	2	2	BT	M	E	I	WT			
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
6	0	22	Baker Hughes	KOM633X	5315651	15	15	15	15	15	15	15	15	0	0	1.3806		
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
1/5/2021 19:15	1/6/2021 5:00	2142	3450	33.70	32.00	57.75	44.7	29.252	1	2	WT	A	E	I	NO	Casing Point		
FUEL DELIVERED	0		FUEL USED TODAY		241	MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL					FRESH WATER		
FUEL ON HAND	10,617		TOTAL FUEL USED		26,857	Gel		Mica		ABO		DAILY SOLIDS					OWNER	
PICKUP WT.	350		AVG. DRAG		0	Poly Plus		Quick Thin		PolyPac Uil		TOTAL SOLIDS					DAILY BBLs	
ROTATING WT.	0		MAX. DRAG		0	Caustic		Soda Ash		Galex		DAILY DISPOSAL COSTS					CUM BBLs	
SLACKOFF WT.	240		TQ. ON BTM		0	Bar		Lime		Tackle		DAILY LIQUIDS					0	
BHA HOURS	0		TQ OFF BTM		0	Pac-R		Alum Ster		Cost		TOTAL LIQUIDS					0	
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																		
HOURS		TIME CODE																
0.25		27: Other		Safety Meeting / Pre Meeting														
4.25		26: Regulatory		Wait on fishing equipment. Prepare work area. Jack Hammer cellar to accommodate mud cross lines.														
1.50		26: Regulatory		Pick up mouse hole sleeve. P/U stand hwdp, break off top single and mousehole. Rig up S&S 250 Ton Rig Jack. Prepare new hoses for Hydraulic slips. Make up 20" spear to HWDP.														
3.00		26: Regulatory		Yellow Jacket Fishing rep engaged spear into 20" casing. With Rig Jacks pull 350k. Utilized BOP trolley to pull casing slip segments 1 at a time.														
3.00		26: Regulatory		Weld BOP rings onto casing slips to recover casing slip body, unsuccessful. Re-weld lifting eyes.														
0.25		27: Other		Safety Meeting / Pre Meeting														
1.75		26: Regulatory		Recover four slip die sections, (weld eyes on each section). Recover casing slip body with BOP handler hoist. Rig up TransTex Cementers. Ameredev prepare manifold to connect tubing and cement unit.														
4.00		26 Regulatory		Rig up to run stainless cement tubing down annulus for cement top up job. Run 1st line to 250 ft, second line to 50 ft. Recover lines and repeat. Not able to deploy sufficient lines for top up job. Discuss with Control Room and decision made to suspend tubing procedure until alternate robust tubing can be resourced. Release TransTex Cementers.														
6.00		26: Regulatory		Source 1/2" tubing to conduct Cement Top-Up job as per NMOCD directive. Driller ran string line down annulus, tagged up at 150 ft.														



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Ameredev LLC																				Report # 25						
Morning Drilling Report																										
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE												
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sun, January 17, 2021												
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		F1/HR		ROT HRS						
		12/27/2020		21								4,545		4,545		1,000		63		16						
Current Operation:				Drill 17 1/2" hole				Next 24 Hours:				Drill 17 1/2" hole														
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size										
Surface	24			1,383	1,383											26										
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22										
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI														
Capitan Reef				116	0	0	30		30		30															
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP											
5.0	6.500			110	#VALUE!						3,412		9.0		106											
GPS #1	LINER X STROKE			SPM #1	GPS #2		GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE											
4.19	6.0			12	4.19		6.0					502			2,100											
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT										
8.4	8.4	28.0	28.0	1.0	1.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0										
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM															
10.00	0.00	0.00	0.00	11000.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00															
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA										
6	R	22	Baker Hughes	KM633X	5315651	15	15	15	15	15	15	15	15	15	0	1.3806										
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON										
1/5/2021 19:15	1/8/2021 5:00	2142	3450	33.70	32.00	57.75	44.7	29.252	1	2	WT	A	E	I	NO	Casing Point										
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA										
7	0	17 1/2"	Ulterra	CF-616	48689	15	15	15	15	15	14	14	14	14	0	1.4642										
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON										
1/16/2021 2:30	1/17/2021 6:00	3450	4545	27.14	31.43	27.5	60.0	18.25																		
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER										
FUEL ON HAND				7,179	TOTAL FUEL USED			30 295	Gel		Mica	ABQ	DAILY SOLIDS				0	OWNER								
PICKUP WT.				187	AVG. DRAG			0	Poly Plus		Quick Thin	PolyPac UI	TOTAL SOLIDS				0	DAILY BBLS	0							
ROTATING WT.				177	MAX. DRAG			0	Caustic		Soda Ash	Gelox	DAILY DISPOSAL COSTS				CUM BBLS	0								
SLACKOFF WT.				168	TQ. ON BTM			0	Bar		Lime	Tackle	DAILY LIQUIDS				0									
BHA HOURS				29	TQ. OFF BTM			0	Pac-R		Alum Ster	Cost	TOTAL LIQUIDS				0									
HOURS				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																						
TIME CODE																										
0.25				27: Other																						
2.75				2: Drilling																						
2.75				5: Cond. Mud & Circ																						
0.50				2: Drilling																						
4.50				5: Cond. Mud & Circ																						
7.00				2: Drilling																						
0.25				7: Lubricate Rig																						
5.00				2: Drilling																						
0.50				7: Lubricate Rig																						
0.50				2: Drilling																						
</																										



Ameredev LLC																		Report # 26					
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, January 18, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		22										5,200		5,200		655		55		12	
Current Operation				Drill 17 1/2" hole				Next 24 Hours				Drill 17 1/2" hole											
Type	Casing Specs			Top TMD	8tm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Capitan Reef				7,234	0	0	30		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA. #VALUE!		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP								
5.0	6.500			165							3,412		9.0		89								
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE							
4.19	6.0			12	4.19	6.0		90				753				2,100							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
8.5	8.5	28.0	28.0	1.0	1.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM												
10.00	0.00	0.00	0.00	11000.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA								
7		17 1/2"	Ulterra	CF-616	48689	15	15	15	15	15	14	14	14	0	1.4642								
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/16/2021 2:30	1/17/2021 6:00	3450	4545	27.14	31.43	27.5	60.0	18.25	2	3	WT	G	X	I	BT	Re-Drilling							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
8		17 1/2"	Varel	VS716D18HX	4011851	15	15	15	15	15	14	14	14	0	1.4642								
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/17/2021 6:15	1/18/2021 6:00	4545	5200	36.33	45.00	23.75	54.6	12															
FUEL DELIVERED				FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL			FRESH WATER								
0				1,630																			
FUEL ON HAND				5,549		TOTAL FUEL USED		31,925		Gel		Mica		ABO		DAILY SOLIDS							
205				AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0							
PICKUP WT.				187 <th colspan="2">MAX. DRAG<td colspan="2">18</td><td colspan="2">Caustic</td><td colspan="2">Soda Ash</td><td colspan="2">Gelex</td><td colspan="2">DAILY DISPOSAL COSTS</td></th>		MAX. DRAG <td colspan="2">18</td> <td colspan="2">Caustic</td> <td colspan="2">Soda Ash</td> <td colspan="2">Gelex</td> <td colspan="2">DAILY DISPOSAL COSTS</td>		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS							
170				TQ. ON BTM		4,000		Bar		Lime		Tackle		DAILY LIQUIDS		0							
BHA HOURS				6 <td colspan="2">TQ OFF BTM</td> <td colspan="2">21,000</td> <td colspan="2">Pac-R</td> <td colspan="2">Alum Ster</td> <td colspan="2">Cost</td> <td colspan="2">TOTAL LIQUIDS</td>		TQ OFF BTM		21,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS							
HOURS				TIME CODE														CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )					
0.25				27: Other														Safety Meeting with CR, RM & all rig Personnel on location					
																		Rotate w/ Bit #8 From 4545' to 4995' [67ft/hr] w/ 32 WOB, 50 Surf RPM, 97.5 Motor RPM, 1100 psi Diff, 8.4 ppg in and 8.5 ppg out, pumping 25 Bbl Hi-Vi LCM sweep every stand. Observe several torque spikes, decision to TOH for bit.					
6.75				2: Drilling																			
																		Circulate and condition 8.5 ppg, pump 25Bbls Hi-Vi sweep.					
1.50				5: Cond. Mud & Circ																			
																		TOH with 17 1/2" bit and motor assembly from 4995 ft to 2667 ft.					
1.50				6: Tripping																			
																		Remove RCD element, install Trip Nipple. Observe well static.					
0.50				6: Tripping																			
																		Continue TOH from 2667ft to 454 ft.					
2.25				6: Tripping																			
																		Rack back 6" & 8" DCs.					
1.00				6: Tripping																			
																		Change out motor and scribe.					
1.25				6: Tripping																			
																		TIH 8" & 6 1/2" DCs, 17 1/2" bit and motor assembly to 856 ft.					
0.50				6: Tripping																			
																		Continue TIH on drill pipe from 856 ft to 1531 ft.					
0.50				6: Tripping																			
																		Remove trip nipple, install RCD element. Observe well static.					
1.50				6: Tripping																			
																		TIH from 1531 ft to 4940 ft.					
0.25				5: Cond. Mud & Circ																			
																		Wash down with 17 1/2" bit and motor assembly from 4940 ft to bottom at 4995 ft.					
5.25				2: Drilling																			
																		Rotate w/ Bit #8 From 4995' to 5200' [39ft/hr] w/ 45 WOB, 35 Surf RPM, 110.5 Motor RPM, 300 psi Diff, with 8.5 ppg in and 8.6 ppg out. Observe 7234 units Trip Gas. At transition into Bell Canyon observe Diff reduction and ROP decrease.					
24.00																		No Accidents, Spills or Inspections to report					
QTY	BHA ITEM			LENGTH	TIME DISTRIBUTION			DAILY	CUM	KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD									
1	17 1/2" Ulterra bit			2.10	1 MIRU/RODM			0.00	81.00														
1	9 5/8 NOV 6/7 5.0 FXD @ 1.50			3.25	2 Drilling			12.00	112.00	Depth		Dev.		Azi.									
1	8" shock sub			13.77	3 Washing/Reaming			0.00	2.25					TVD									
1	17 1/4" Stabilizer			7.52	4 Lost Circulation			0.00	0.00	0		0.00		VS									
1	8" UBHO			2.53	5 Cond. Mud & Circ			1.75	20.50	180		0.67		DLS									
1	8" NMDC			30.26	6 Tripping			10.00	74.50	234		0.66		0.00									
1	8" Pony collar			13.81	7 Lubricate Rig			0.00	3.50	295		0.90		0.00									
1	8" NMDC			29.95	8 Rig Repair			0.00	21.25	390		0.35		0.37									
9	8" DC's			268.42	9 Cut Drig Line			0.00	1.00	481		0.25		0.39									
1	XO 6 5/8 Reg (P) X 4 1/2 IF (B)			3.61	10 Deviation Survey			0.00	0.00	572		0.42		0.16									
15	6 1/2" DC's			454.74	11 Wireline Logging			0.00	28.25	663		0.50		0.70									
24	5" HWDP			733.40	12 Run Casing			0.00	40.50	754		0.43		0.09									
					13 Cement Casing			0.00	21.00	876		0.29		0.20									
					14 Wait On Cement			0.00	20.00	941		0.00		0.14									
					15 NU BOP's			0.00	65.00	1,033		0.20		0.45									
					16 Test BOP's			0.00	10.50	1,123		0.22		0.22									
					17 Plug Back			0.00	0.00	1,215		0.22		0.16									
					18 Squeeze Cmt			0.00	0.00	1,307		0.37		0.24									
					19 Fishing			0.00	1.75	1,437		4.34		0.64									
					20 Directional Work			0.00	17.50	1,532		4.89		3.06									
					21 Weather			0.00	0.00	1,627		4.00		0.70									
					22 Well Control			0.00	1.00	1,721		3.03		0.99									
					23 Waiting-Orders/Equip			0.00	0.00	Planned VS		feet @		1.05									
					24 Drill Cmt / Shoe Test			0.00	1.00	DAY DRILLING FOREMAN				azimuth									
					25 Jet & Clean Pits			0.00	0.00	Ricky Harris				CELL PHONE NUMBER									
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory			0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER								
						27 Other			0.25	35.25	Stephen Ritter												
						28 Other			0.00	11.75	AMEREDDEV PERSONELL												
						29 Other			0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson								
						30 Other			0.00	0.00	DRILLING ENGINEER				Diego Barreda								
						31 Other			0.00	0.00	DAY CONTROL ROOM SUP				Chris Huff								
						TOTALS			24.00	624.00	NIGHT CONTROL ROOM SUP				Andy Slusarchuk								
Cost Input																							
Cost Type	Charge	Code			Description	Vendor	Unit Cost	Quantity	Cost	Carry Over													
8500	0.094	SUPERVISION / CONTRACT			Ricky Harris/Stephen Ritter	Rusco Operating LLC		1.0		Yes													
8500	0.094	SUPERVISION / CONTRACT			Andy Slusarchuk / Chris Huff	Rusco Operating LLC		1.0		Yes													
8500	0.024	SURFACE RENTALS			Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants	Hoppe's Construction LLC		1.0		Yes													
8500	0.024	SURFACE RENTALS			Internet & Intercoms	versat Communications US		1.0		Yes													
8500	0.024	SURFACE RENTALS			Forklift	Boland Field Services LLC		1.0		Yes													
8500	0.024	SURFACE RENTALS			14 x Flat bottom Frac tanks	Blueprint Oilfield Services		1.0		Yes													
8500	0.024	SURFACE RENTALS			4 Sets of pipe Bolsters	Divine Energy Services Inc		1.0		Yes													
8500	0.024	SURFACE RENTALS			4 Sets of pipe racks	Divine Energy Services Inc		1.0		Yes													
8500	0.024	SURFACE RENTALS			PVT/Chokes \$477 plus \$70 on days with gas detection	Pason		1.0		Yes													
8500	0.01	DRILLING RIG			Citadel Rig #3	Citadel Drilling		1.0		Yes													
8500	0.024	SURFACE RENTALS			3- 4X4 Transfer Pumps	Johnso Specialty Tools LLC		1.0		Yes													
8500	0.024	SURFACE RENTALS			Diverter Line, Drive over , Ecobox.	Iron Horse Tools LLC		1.0		Yes													
8500	0.124	TY AND EMERGENCY RESP			H2s Compliance Package	American Safety Services, In		1.0		Yes													
8500	0.066	DS CONTROL EQUIP / SERV			Solid Control Equipment and Hands	KSW Oilfield Rental LLC		1.0		Yes													
8500	0.186	GEOLOGY			Mud Logging Service	ckstone Analytics Mud Logg		1.0		Yes													
8500	0.024	SURFACE RENTALS			Minion Tank	Think Tank		1.0		Yes													
8500	0.03	DOWNHOLE RENTALS			(12) 8" Drill Collars	Platinum Pipe Rentals LLC		1.0		Yes													
8500	0.032	DIRECTIONAL DRILLING			NOV Motor charge	National Oilwell Varco		1.0		Yes													
8500	0.203	SHING & SIDETRACK SERV			Yellow Jacket Fishing Spear & 250 Ton Rig Jack	Yellowjacket Oilfield		1.0		Yes													
8500	0.048	LL CONTROL EQUIP / SERV			21 1/4" BOP Rams, Annular, Mud Cross, DSA's	eatherford U.S.L.P./FDC492		1.0		Yes													
8500	0.048	LL CONTROL EQUIP / SERV			Spacer Spool for 21 1/4" BOP	Quality Rental Tools		1.0		Yes													
8500	0.048	LL CONTROL EQUIP / SERV			21 1/4" Rotating Head	Opla		1.0		Yes													
8500	0.074	NG / LINER / FLOAT EQUIPM			NOV 24" circulating head replacement	National Oilwell Varco		1.0		Yes													
8500	0.138	WELDING & MATERIALS			Weld 3/4" stainless steel long string and short string for 20" cement top up	ONAX LLC		1.0		Yes													
8500	0.032	DIRECTIONAL DRILLING			MWD Daily cost	Halliburton Energy Services		1.0		Yes													
8500	0.06	D, ADDITIVES, AND CHEMIC			Mud additives & driveby mud check	Halliburton Energy Services		1.0		Yes													
8500	0.048	LL CONTROL EQUIP / SERV			21 1/4" BOP test	Battle Energy Services		1.0		No													
8500	0.326	TRANSPORTATION			Hotshot MPD equipment	PAJUAL Enterprise LLC		1.0		No													
8500	0.326	TRANSPORTATION			Transport set of pipereacks	PAJUAL Enterprise LLC		1.0		No													
8500	0.326	TRANSPORTATION			Transport 24" protectors to Beaumont NOV	PAJUAL Enterprise LLC		1.0		No													
8500	0.326	TRANSPORTATION			Haul BHA components	PAJUAL Enterprise LLC		1.0		No													
8500	0.326	TRANSPORTATION			Move transfer pump, 8" DCs and lift subs	PAJUAL Enterprise LLC		1.0		No													
8500	0.326	TRANSPORTATION			30" conductor joint, stabilizers and shock sub	PAJUAL Enterprise LLC		1.0		No													
8500	0.326	TRANSPORTATION			Stabilizers, shock subs and 6 1/2" DCs	PAJUAL Enterprise LLC		1.0		No													
8500	0.028	DRILL BITS			Varel 17 1/2" bit VS716D67HX #4011851	Varel		1.0		No													
8500									\$ -														
8500									\$ -														
8500									\$ -														
8500									\$ -														



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Ameredev LLC																				Report # 28		
Morning Drilling Report																						
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE								
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Wed, January 20, 2021								
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS		
		12/27/2020		24								5,640		5,640		0		0		0		
Current Operation:				Tripping in hole with directional tools.						Next 24 Hours:				Drill 17.5" hole								
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size				
Surface	24			1,383		1,383												26				
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	HalCem	410	14,80000	1.33000	0	635 / 410	22				
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI								
Bell Canyon				170		278		0	90		30		30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA. #VALUE!			COST/FT. 24 HRS.			COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500			218									3,412		9.0		71					
GPS #1	LINER X STROKE			SPM #1	GPS #2			LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE		
4.19	6.0			12	4.19			6.0			12						904			2,100		
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT						
8.6	8.6	28.0	28.0	1.0	1.0	1.0	3.0	100.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0						
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM											
10.00	0.00	0.00	0.00	12000.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00											
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA						
9	0	17 1/2"	Ultrerra	CF-616	51407	16	12	12	12	18	18	18	18	18	0	1.7702						
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON						
1/18/2021 15:15	1/18/2021 22:00	5201	5640	35.00	35.00	6.75	65.0	6.75	2	8	RO	G	X	I	BT	Reason of Production Loss						
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA						
10	0	17 1/2"	Baker	GTX C1	5291103	24	24	24	0	0	0	0	0	0	0	1.3254						
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON						
		0	0					0														
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER						
FUEL ON HAND				9,652				TOTAL FUEL USED				35 089				Gel						
PICKUP WT.	205			AVG. DRAG			15			Poly Plus			Quick Thin			ABQ			DAILY SOLIDS		OWNER	
ROTATING WT.	187			MAX. DRAG			18			Caustic			Soda Ash			Galex			TOTAL SOLIDS		DAILY BBLs	
SLACKOFF WT.	170			TQ. ON BTM			4,000			Bar			Lime			Tackle			DAILY DISPOSAL COSTS		CUM BBLs	
BHA HOURS	6			TQ. OFF BTM			21,000			Pac-R			Alum Ster			Cost			DAILY LIQUIDS		0	
																			TOTAL LIQUIDS		0	
HOURS				TIME CODE			CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
0.25				27: Other			Safety meeting with rig crew.															
7.25				19: Fishing			Wait on fishing tools (Mills) to mill up bar that fell in the hole.															
0.75				19: Fishing			Pickup and strap Mill, junk basket and cross overs.															
1.25				19: Fishing			TIH with DC's.															
3.00				19: Fishing			TIH with mill and junk basket.															
1.00				19: Fishing			Wash from 5480' to 5640'															
3.25				19: Fishing			Mill from 5640' to 5641' W/ 850 gpm 7-25 WOB, 15-30 RPM															
5.75				6 Tripping			Trip out of hole, L/D mill															
1.50				20: Directional Work			Make up Bit and Directional tools Scribe Motor, TIH															
</																						



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Ameredev LLC																				Report # 30										
Morning Drilling Report																														
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Fri, January 22, 2021																
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		ROT HRS												
		12/27/2020		26								6,507		6,341		527		47												
Current Operation:				Drilling 17.5" Intermediate				Next 24 Hours:				Drill Intermediate																		
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size														
Surface	24			1,383	1,383											26														
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14,80000	1.33000	0	635 / 410	22														
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																		
Bell Canyon				170	278	0	90		30		30																			
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA. #VALUE!			COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP														
5.0	6.500			260								3,412		9.0		35														
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS														
4.19	6.0			108	4.19	6.0			108		6.0			904		2,100														
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT														
8.8	8.9	28.0	28.0	1.0	1.0	1.0	1.0	100.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0														
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM																			
9.00	0.15	0.05	0.15	11000.00	600.00	0.00	96.60	0.00	0.00	0.00	0.00																			
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
11	0	17 1/2"	Baker	6065	5261740	15	15	15	15	15	15	15	15	15	0	1.5532														
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
1/21/2021 6:15	1/21/2021 7:15	5980	5982	22.50	30.00	1	2.0					DBR	X		BT															
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
12	0	17 1/2"	Baker	VM-20G	5281106	22										1.1137														
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
1/21/2021 18:15	1/22/2021 6:00	5982	6507	51.67	50.00	11.75	51.2	10.25																						
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER														
FUEL ON HAND				TOTAL FUEL USED								DAILY SOLIDS				OWNER														
PICKUP WT.				AVG. DRAG	15	Poly Plus	Quick Thin					TOTAL SOLIDS				DAILY BBLs														
ROTATING WT.				MAX. DRAG	18	Caustic	Soda Ash					DAILY DISPOSAL COSTS				CUM BBLs														
SLACKOFF WT.				TQ. ON BTM	11,100	Bar	Lime					DAILY LIQUIDS																		
BHA HOURS				TQ. OFF BTM	7,600	Pac-R	Alum Ster					TOTAL LIQUIDS																		
HOURS				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																										
0.25				27: Other Safety meeting with rig crew.																										
1.00				2: Drilling Rotate w/ Bit #11 From 5980' to 5982' (2'ft/hr) w/ 25 WOB, 30 Surf RPM, 110.5 Motor RPM.																										
1.00				5: Cond. Mud & Circ Circulating while repairing TM-120 preparing to TOH for bit.																										
2.75				6: Tripping TOH for new bit.																										
0.50				6: Tripping Remove rotating head and install trip nipple.																										
2.50				6: Tripping Finish TOH change out MWD tool and bit.																										
1.25				6: Tripping TIH to 1,561'.																										
0.50				6: Tripping Remove trip nipple and install rotating head.																										
2.25				6: Tripping TIH from 1,561' to 5937'. Wash from 5937-5982'.																										
0.25				27: Other Safety meeting with rig crew.																										
1.00				2: Drilling Rotate w/ Bit #12 From 5982' to 6015' (33'ft/hr) w/ 50 WOB, 50 Surf RPM, 117 Motor RPM.																										
1.00				27: Other Change out Rotating Head																										
3.25				2: Drilling Rotate w/ Bit #12 From 6015' to 6224' (64'ft/hr) w/ 50 WOB, 50 Surf RPM, 117 Motor RPM.																										
0.50				7: Lubricate Rig Rig Service																										
6.00				2: Drilling Rotate w/ Bit #12 From 6224' to 6507' (47'ft/hr) w/ 55 WOB, 50 Surf RPM, 117 Motor RPM.																										
24.00				No Accidents, Spills or Inspections to report.																										
QTY	BHA ITEM			LENGTH	TIME DISTRIBUTION			DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD																
1	17 1/2" Baker bit			2.80	1: MRL/RODMO			0.00	81.00																					
1	9 5/8 NOV 6/7 5.0 FXD @ 1.50			3.00	2: Drilling			11.25	140.00	Depth	Dev	Azi.	TVD	VS	DLS															
1	8" shock sub			14.00	3: Washing/Reaming			0.00	2.25	4,454	0.77	83	4,451	90.49	0.06															
1	17 1/4" Stabilizer			8.00	4: Lost Circulation			0.00	0.00	4,548	0.68	93	4,545	91.32	0.17															
1	8" UBHO			3.00	5: Cond. Mud & Circ			1.00	22.00	4,643	0.87	90	4,640	92.18	0.21															
1	8" NMDC			30.00	6: Tripping			9.75	117.00	4,737	0.87	89	4,734	93.16	0.02															
1	8" Pony collar			14.00	7: Lubricate Rig			0.50	4.50	4,831	0.75	90	4,828	94.08	0.13															
1	8" NMDC			30.00	8: Rig Repair			0.00	21.25	4,926	0.85	99	4,923	94.90	0.16															
9	8" DC's			268.00	9: Cut Drig Line			0.00	1.75	5,020	0.93	97	5,017	95.75	0.09															
1	XO 6 5/8 Reg (P) X 4 1/2 IF (B)			4.00	10: Deviation Survey			0.00	0.00	5,115	1.12	90	5,112	96.84	0.24															
15	6 1/2" DC's			455.00	11: Wireline Logging			0.00	28.25	5,209	1.05	70	5,206	98.24	0.39															
24	5" HWDP			733.00	12: Run Casing			0.00	40.50	5,304	0.98	56	5,301	99.81	0.27															
					13: Cement Casing			0.00	21.00	5,399	0.99	53	5,396	101.41	0.06															
					14: Wait On Cement			0.00	20.00	5,493	0.67	57	5,490	102.74	0.35															
					15: NU BOP's			0.00	65.00	5,590	0.44	63	5,587	103.64	0.24															
					16: Test BOP's			0.00	10.50	5,780	0.19	289	5,777	104.20	0.31															
					17: Plug Back			0.00	0.00	5,875	0.34	258	5,872	103.90	0.21															
					18: Squeeze Cmt			0.00	0.00	5,969	0.58	260	5,966	103.29	0.26															
					19: Fishing			0.00	18.25	6,060	0.76	258	6,057	102.42	0.20															
					20: Directional Work			0.00	19.00	6,155	0.87	252	6,152	101.27	0.14															
					21: Weather			0.00	0.00	6,249	0.85	252	6,246	100.03	0.02															
					22: Well Control			0.00	1.00	6,344	0.79	251	6,341	98.84	0.06															
					23: Waiting-Orders/Equip			0.00	0.00	Planned VS =		feet @		azimuth																
					24: Drill Cmt / Shoe Test			0.00	1.00	DAY DRILLING FOREMAN				CELL PHONE NUMBER																
					25: Jet & Clean Pits			0.00	0.00	Ricky Harris																				
Joints	DP ITEM	Motor RPG	0.13	BHA	1564.00				0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER															
156	DP	5	19.5	S-135	5006.32				1.50	38.00	Stephen Ritter																			
									0.00	13.25	AMEREDDEV PERSONNEL																			
									0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson															
									0.00	0.00	DRILLING ENGINEER				Diego Barreda															
									0.00	0.00	DAY CONTROL ROOM SUP				David Pope															
									0.00	0.00	NIGHT CONTROL ROOM SUP				Ted Cheatwood															
				Total Depth	6507.00				TOTALS	24.00	720.00																			
Cost Input																														
Cost Type	Charge	Code		Description						Vendor	Unit Cost	Quantity	Cost	Carry Over																
8500	0.094	SUPERVISION / CONTRACT		Ricky Harris/Stephen Ritter						Rusco Operating LLC		1.0		Yes																
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood/ David Pope						Rusco Operating LLC		1.0		Yes																
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants						Hoppe's Construction LLC		1.0		Yes																
8500	0.024	SURFACE RENTALS		Internet & Intercoms						versat Communications US		1.0		Yes																
8500	0.024	SURFACE RENTALS		Forklift						Boland Field Services LLC		1.0		Yes																
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks						Blueprint Oilfield Services		1.0		Yes																
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters						Divine Energy Services Inc		1.0		Yes																
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks						Divine Energy Services Inc		1.0		Yes																
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection						Pason		1.0		Yes																
8500	0.01	DRILLING RIG		Citadel Rig #3						Citadel Drilling		1.0		Yes																
8500	0.024	SURFACE RENTALS		3- 4XA Transfer Pumps						Johnso Specialty Tools LLC		1.0		Yes																
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter						Iron Horse Tools LLC		1.0		Yes																
8500	0.124	ITY AND EMERGENCY RESPN		H2s Compliance Package						merican Safety Services, In		1.0		Yes																
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands						KSW Oilfield Rental LLC		1.0		Yes																
8500	0.186	GEOLOGY		Mud Logging Service						dkstone Analytics Mud Logg		1.0		Yes																
8500	0.024	SURFACE RENTALS		Minion Tank						Think Tank		1.0		Yes																
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars						Platinum Pipe Rentals LLC		1.0		Yes																
8500	0.032	DIRECTIONAL DRILLING		NOV Motor charge						National Oilwell Varco		1.0		Yes																
8500	0.048	LL CONTROL EQUIP / SERVI		21 1/4" BOP Rams, Annular, Mud Cross, DSA's						eaetherford U.S. L.P./FDC49		1.0		Yes																
8500	0.048	LL CONTROL EQUIP / SERVI		Spacer Spool for 21 1/4" BOP						eaetherford U.S. L.P./FDC49		1.0		Yes																
8500	0.048	LL CONTROL EQUIP / SERVI		21 1/4" Rotating Head						Opla		1.0		Yes																
8500	0.138	WELDING & MATERIALS		Weld 3/4" stainless steel long string and short string for 20" cement top up						ONAX LLC		1.0		Yes																
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost						Halliburton Energy Services		1.0		Yes																
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check						Halliburton Energy Services		1.0		Yes																
8500	0.028	DRILL BITS		BHA #9 Varel UCON 716 #4011851						Varel		1.0		No																
8500	0.212	INTERMEDIATE CASING		Trucking of 13 5/8" Casing to location						B&L Pipeco Services Inc		1.0		No																
8500	0.212	INTERMEDIATE CASING		Float Equipment for first Intermediate Casing						Halliburton Energy Services		1.0		No																
8500	0.21	SURFACE CASING		Float Equipment for Surface Casing						Halliburton Energy Services		1.0		No																
8500	0.02	WATER & SEPTIC		Water for Camp and Portable Toilets						Hoppe's Construction LLC		1.0		No																
8500	0.024	SURFACE RENTALS		Light Tower and Generator						Hoppe's Construction LLC		1.0		No																
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Ameredev LLC																	Report # 35																		
Morning Drilling Report																																			
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																					
INDEPENDENCE AGI #1				0		0		30-025-48081		DRILLING				Wed, January 27, 2021																					
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS													
12/27/2020		31												7,240		7,168		0		0		0													
Current Operation				Nipple Down 21.25" BOP's				Next 24 Hours				Nipple Down 21.25" BOP, Nipple up & test 13.625" BOP																							
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		S/S Cmt		Hole Size							
Surface		24		1,383		1,383																						26							
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		HalCem		410		14.80000		1.33000		0		635 / 410		22							
FORMATION				BGG		OG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI															
Bell Canyon				170		278		0		30		108		30		108		30		108															
DP SIZE				DC SIZE		DP AV		DC AV		JET VELOCITY		HHF/SQ IN BIT DIA		COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0				6.500		108		108		260		#VALUE!		108		3,412		3,412		9.0		35													
GPS #1				LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE											
4.19				6.0		12		4.19		6.0		12		15		15		15		904		2,100													
MW IN				MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT			
8.8				8.9		28.0		28.0		1.0		4.0		1.0		100.0		0.0		0.0		0.0		0.0		2.7		0.0		0.0		0.0			
PH				PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM											
9.50				0.30		0.15		0.25		12000.00		1200.00		0.00		96.60		0.00		0.00		0.00													
PREV BIT #				Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
11				0		17 1/2"		Baker		6065		5261740		15		15		15		15		15		15		15		15		15		1.5532			
START FT				END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
1/21/2021 6:15				1/21/2021 7:15		5980		5982		22.50		30.00		1		2.0		1		4		8		DDBR		X		IN		BT		BT			
CUR. BIT #				Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
12				0		17 1/2"		Baker		VM-20G		5281106		22		22		22		0		0		0		0		0		0		1.1137			
START FT				LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
1/24/2021 18:18				1/22/2021 22:15		5982		7240		53.00		50.00		28		50.3		25		2		7		BT		G		IN		NO		Planned Trip			
FUEL ON HAND				8,324		TOTAL FUEL USED		43,417		Gel		Mica		ABO								DAILY SOLIDS		0		OWNER									
PICKUP WT.				205		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI								TOTAL SOLIDS		0		DAILY BBLS		0							
ROTATING WT.				187		MAX. DRAG		18		Caustic		Soda Ash		Gelex								DAILY DISPOSAL COSTS		0		CUM BBLS		0							
SLACKOFF WT.				170		TQ. ON BTM		11.100		Bar		Lime		Tackle								DAILY LIQUIDS		0											
BHA HOURS				11		TQ OFF BTM		7,600		Pac-R		Alum Ster		Cost								TOTAL LIQUIDS		0											
HOURS				TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																													
0.25				27: Other		Safety Meeting/Crew Handover.																													
2.50				5: Cond. Mud & Circ		Circulate @ 8 BPM while waiting on Cement Head.																													
						Pump 1st Stage Cement, Tested lines to 5000 psi Pumped 40 bbls mud flush, 991 sks NeoCem T+ .40% HR-801 + .20% HALARD (R)-344-1 lbm Bridgemarkertm LCM @ 13.2ppgw/1.456 yield Displace w/ 270 bbls fw 781bbls mud - bump the Plug, Set the Packer @ 1580 psi, Bleed back 4 bbls, Floats held. Drop Opening Bomb WTF 35 min, Open DV tool @ 630psi took 1 bbl. Stage 2 pumped 40 bbls Mud flush II Lead 433 sks NeoCem II @ 11.5ppg w/2.277 yield Tail 100 sks Versacem H + 10%HR-601+30%HALARD (R)-344, Displace w/230bbls fw and 566 bbls mud circulated 35 blts cement off tool bump plug inflate packer @ 2750psi took 5bbls, Drop opening bomb WTF 20 mintool opened @ 252psi pumped 20 bbls fresh water Stage 3 Pumped 40 bbls mud flush III @ 8.4 ppg Lead 1995 sks EconoCem C +5% salt+ .70% HR-800. @ 12.9ppg w/1.901 yield. Circulated 53 bbls cement off second tool Tail 100sks HalCem - C+3 Halard (R) -9+2% HR-800 @ 14.8ppg w/ 1.335 yield. Displace w/588bbl Fw bumped plug, floats held, Circulated 70 bbls cement to surface.																													
11.25				13: Cement Casing		Lift BOP's set 250k on casing slips, Rough cut 13.625" casing Nipple Down 21.25" BOP's																													
10.00				15: NU BOP's																															



Ameredev LLC																	Report # 36																										
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Thu, January 28, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		32										7,240		7,168		0		0		0																					
Current Operation:				Testing BOP's				Next 24 Hours:				Finish testing BOP's, install wear bushing, P/U BHA, TH drill out DV tools And float collar																															
Type	Casing Specs			Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size															
Surface	24			1,383		1,383																						26															
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem		635.000		11		3		HalCem		410		14.80000		1.33000		0		635 / 410		22															
Intermediate	13.625" O-125 88.2# BTC			0		7,150																		3118 9/5350.35		/		17 1/2															
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
Brushy Canyon				170		278		0		30				30				30																									
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD				FRAC GRADIENT MW				MAX. ALLOWABLE SICP															
5.0		6.500						260		#VALUE!										7,150				9.0				74															
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																					
4.19		6.0		12		108		4.19		6.0		12		108		4		904				2,100																					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT											
8.8		8.9		28.0		28.0		1.0		4.0		1.0		2.0		100.0		0.0		0.0		0.0		0.0		2.7		0.0		0.0		0.0											
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME		ES		LCM																					
9.50		0.30		0.15		0.25		12000.00		12000.00		0.00		96.60		0.00		0.00		0.00		0.00																					
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
11		0		17 1/2"		Baker		6065		5261740		15		15		15		15		15		15		15		15		15		0		1.5532											
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
1/21/2021 6:15		1/21/2021 7:15		5980		5982		22.50		30.00		1		2.0		1		4		8		DBR		X		IN		BT		None (Off Production) (user)													
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
12		0		17 1/2"		Baker		VM-20G		5281106		22		22		22		0		0		0		0		0		0		0		1.1137											
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
1/21/2021 18:15		1/22/2021 22:15		5982		7240		53.00		50.00		28		50.3		25		2		7		BT		G		E		IN		NO		Planned Trip											
FUEL DELIVERED				FUEL USED TODAY				362				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																							
FUEL ON HAND				7.962				TOTAL FUEL USED				43.779				Gel				Mica				ABQ				DAILY SOLIDS				0				OWNER							
PICKUP WT.				205				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.				187				MAX. DRAG				18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS								CUM BBLs				0			
SLACKOFF WT.				170				TQ. ON BTM				11,100				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				11				TQ. OFF BTM				7,600				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
1.50				15: NU BOP's				Nipple down, Remove 21 1/4" Rams, Mud Cross and Spools.																																			
4.50				15: NU BOP's				Make Final cut on casing, Install C Section, Test to 3,000 psi for 10 Minutes. Install Spools.																																			
4.00				15: NU BOP's				Attempt to P/U BOP and Cradle with Pole Trucks, Failed to Move BOP, Continue Hooking up MPD System while waiting on a Bed Truck.																																			
10.00				15: NU BOP's				Set BOP in the sub and Nipple Up. Fabricate flow line for MPD system																																			
4.00				16: Test BOP's				Test Choke manifold, upper and lower rams, Blind rams, choke and kill line valves 250 psi low, 5000 psi High, test annular 250 psi low, 3500 psi high.																																			



Ameredev LLC																			Report # 37																				
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, January 29, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																	
		12/27/2020		33										7,240		7,168		0		0		0																	
Current Operation				Inspecting BHA components.				Next 24 Hours				Rig Up & Run Wireline, P/U Directional BHA & Drill 12.25" hole section.																											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size											
Surface		24		1,383		1,383																						26											
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22											
Intermediate		13.625" Q-125 88.2# BTC		0		7,150																3118.9/5350.35				/		17 1/2											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Brushy Canyon				170		278		0		30		30		30		30		30		30																			
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA. #VALUE!		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																			
5.0		6.500						260								7,150		9.0		74																			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
4.19		6.0		12		108		4.19		6.0		12						904				2,100																	
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT							
8.8		8.9		28.0		28.0		1.0		4.0		1.0		2.0		100.0		0.0		0.0		0.0		0.0		2.7		0.0		0.0		0.0							
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM																	
3.50		0.30		0.15		0.25		12000.00		1200.00		0.00		96.60		0.00		0.00		0.00		0.00																	
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
11		0		17 1/2"		Baker		6065		5261740		15		15		15		15		15		15		15		15		15		0		1.5532							
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
1/21/2021 6:15		1/21/2021 7:15		5980		5982		22.50		30.00		1		2.0		1		4		8		DULL		Guage		X		IN		BT		Reason Of Non-Performance							
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
12		0		17 1/2"		Baker		VM-20G		5281106		22		22		22		0		0		0		0		0		0		0		1.1137							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
1/21/2021 18:15		1/21/2021 22:15		5982		7240		53.00		50.00		28		50.3		25		2		7		BT		G		E		IN		NO		Planned Trip							
FUEL DELIVERED				FUEL USED TODAY				723				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				7,239				TOTAL FUEL USED 44,502				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER							
PICKUP WT.				205				AVG. DRAG 15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.				187				MAX. DRAG 18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS								CUM BBLs				0			
SLACKOFF WT.				170				TQ. ON BTM 11,100				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				11				TQ. OFF BTM 7,600				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
3.75		16: Test BOP's		Test MPD Equipment 250 Low 2000 High. Test Casing 1000 psi for 30 mins.																																			
0.25		27: Other		Install Wear Bushing.																																			
0.25		16: Test BOP's		Accumulator Function Test.																																			
2.50		6: Tripping		Make up Bit and Bit Sub and Trip in the hole to 3355'																																			
0.50		6: Tripping		Install Rotating Head.																																			
0.75		6: Tripping		Trip in the hole from 3355' to 3821'.																																			
0.50		24: Drill Cmt / Shoe Test		Drill out DV Tool and ECP 3821'.																																			
0.50		5 Cond. Mud & Circ.		Circulate B/U @ 3920'.																																			
0.25		24: Drill Cmt / Shoe Test		Test Casing @ 1000 for 5 Mins.																																			
0.75		6: Tripping		Trip in the hole from 3920' to 5342'.																																			
1.25		24: Drill Cmt / Shoe Test		Drill out DV Tool and ECP @ 5342'.																																			
0.50		5 Cond. Mud & Circ.		Circulate B/U @ 5432'.																																			
0.25		24: Drill Cmt / Shoe Test		Test Casing @ 1000 for 5 Mins.																																			
0.25		27: Other		Safety Meeting/Crew Handover.																																			
2.50		6 Tripping		Trip out of hole from 5913' to 1587'																																			
1.00		6: Tripping		Lay down HWDP for Inspection																																			
8.25		6: Tripping		Inspect 6.75" & 8" Drill collars 6-8" collars failed Inspection for gaugled sholders, Replace 3-8" collars																																			
24.00																																							
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD																							
1		17 1/2" Baker bit		2.00		1 MUD/RDMG		0.00		81.00																													
1		9 5/8 NOV 6/7 5.0 FXD @ 1.50		3.00		2 Drilling		0.00		154.75		Depth		Dev.		Apl.		TVD		VS		DLS																	
1		8" shock sub		14.00		3 Washing/Reaming		0.00		2.25		5,304		0.98		56		5,301		99.81		0.27																	
1		17 1/4" Stabilizer		8.00		4 Lost Circulation		0.00		0.00		5,399		0.99		53		5,396		101.41		0.06																	
1		8" UBHO		3.00		5 Cond. Mud & Circ		1.00		32.75		5,493		0.67		57		5,490		102.74		0.35																	
1		8" NMDC		30.00		6 Tripping		16.25		138.00		5,590		0.44		63		5,587		103.64		0.24																	
1		8" Pony collar		14.00		7 Lubricate Rig		0.00		4.50		5,780		0.19		289		5,777		104.20		0.31																	
1		8" NMDC		30.00		8 Rig Repair		0.00		22.50		5,875		0.34		258		5,872		103.90		0.21																	
9		8" DC's		268.00		9 Cut Drig Line		0.00		1.75		5,969		0.58		260		5,966		103.29		0.26																	
1		XO 6 5/8 Reg (P) X 4 1/2 IF (B)		4.00		10 Deviation Survey		0.00		0.00		6,060		0.76		258		6,057		102.42		0.20																	
15		6 1/2" DC's		455.00		11 Wireline Logging		0.00		41.25		6,155		0.87		252		6,152		101.27		0.14																	
24		5" HWDP		733.00		12 Run Casing		0.00		64.50		6,249		0.85		252		6,246		100.03		0.02																	
						13 Cement Casing		0.00		32.25		6,344		0.79		251		6,341		98.84		0.06																	
						14 Wait On Cement		0.00		20.00		6,438		0.75		250		6,435		97.72		0.05																	
						15 NU BOP's		0.00		95.00		6,532		0.56		258		6,529		96.79		0.22																	
						16 Test BOP's		4.00		18.50		6,626		0.46		273		6,623		96.17		0.18																	
						17 Plug Back		0.00		0.00		6,720		0.41		297		6,717		95.84		0.20																	
						18 Squeeze Cmt		0.00		0.00		6,814		0.48		311		6,811		95.73		0.13																	
						19 Fishing		0.00		42.75		6,911		0.55		325		6,908		95.81		0.15																	
						20 Directional Work		0.00		20.75		7,006		0.55		344		7,003		96.14		0.19																	
						21 Weather		0.00		0.00		7,101		0.68		21		7,098		96.90		0.43																	
						22 Well Control		0.00		1.50		7,171		0.92		33		7,168		97.84		0.41																	
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth																							
						24 Drill Cmt / Shoe Test		2.25		3.25		DAY DRILLING FOREMAN				CELL PHONE NUMBER																							
						25 Jet & Clean Pits		0.00		0.00		Diego Barreda				CELL PHONE NUMBER																							
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN																					
180		DP		5		19.5		S-135		5706.21		27 Other		0.50		43.00		Stephen Ritter																					
												28 Other		0.00		13.25						AMEREDDEV PERSONELL																	
												29 Other		0.00		0.00		DRILLING SUPERINTENDENT				JT Wilkerson																	
												30 Other		0.00		0.00		DRILLING ENGINEER				Diego Barreda																	
												31 Other		0.00		0.00		DAY CONTROL ROOM SUP				David Pope																	
												TOTALS		24.00		888.00		NIGHT CONTROL ROOM SUP				Ted Cheatwood																	
Cost Input																																							
Cost Type		Charge		Code		Description		Vendor		Unit Cost		Quantity		Cost		Carry Over																							
8500		0.094		SUPERVISION / CONTRACT		Stephen Ritter		Rusco Operating LLC				1.0				Yes																							
8500		0.094		SUPERVISION / CONTRACT		Ted Cheatwood/ David Pope		Rusco Operating LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants		Hoppe's Construction LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Internet & Intercoms		versat Communications US				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Forklift		Boland Field Services LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks		Blueprint Oilfield Services				1.0				Yes																							
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters		Divine Energy Services Inc				1.0				Yes																							
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks		Divine Energy Services Inc				1.0				Yes																							
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection		Pason				1.0				Yes																							
8500		0.01		DRILLING RIG		Citadel Rig #3		Citadel Drilling				1.0				Yes																							
8500		0.024		SURFACE RENTALS		3- 4X4 Transfer Pumps		Johnso Specialty Tools LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter		Iron Horse Tools LLC				1.0				Yes																							
8500		0.124		TY AND EMERGENCY RESP		H2s Compliance Package		American Safety Services, In				1.0				Yes																							
8500		0.066		DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands		KSW Oilfield Rental LLC				1.0				Yes																							
8500		0.186		GEOLOGY		Mud Logging Service		ckstone Analytics Mud Logg				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Minion Tank		Think Tank				1.0				Yes																							
8500		0.03		DOWNHOLE RENTALS		[12] 8" Drill Collars		Platinum Pipe Rentals LLC				1.0				Yes																							
8500		0.032		DIRECTIONAL DRILLING		NOV Motor charge		National Oilwell Varco																															



Ameredev LLC																				Report # 38															
Morning Drilling Report																																			
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sat, January 30, 2021																					
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS													
		12/27/2020		34										7.355		7,168		115		23		5													
Current Operation				Drilling 12.25" Intermediate Section				Next 24 Hours								Drill 12.25" Intermediate Section																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size							
Surface		24		1,383		1,383																						26							
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		Halcem		410		14,80000		1.33000		0		635 / 410		22							
Intermediate		13.625" Q-125 88.2# BTC		0		7,150																		3118.9/5350.35				17 1/2							
FORMATION				Brushy Canyon		BGG 170		CG 278		TG 0		#1 STKS 30		#1 CHK PSI		#1 STKS 30		#1 CHK PSI		#1 STKS 30		#1 CHK PSI													
DP SIZE 5.0		DC SIZE 6.500		DP AV 12		DC AV 108		JET VELOCITY 260		HHF/SQ IN BIT DIA. #VALUE!		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW 9.0		MAX. ALLOWABLE SICP 74															
GPS #1 4.19		LINER X STROKE 6.0		SPM #1 12		GPS #2 4.19		LINER X STROKE 6.0		SPM #2 12		GPS #3 108		LINER X STROKE 6.0		SPM #3 904		PUMPS 2,100		PUMP PRESSURE 2,100															
MW IN 8.8		MW OUT 8.9		VIS IN 28.0		VIS OUT 28.0		PV 1.0		YP 4.0		Gel - 10 Sec 1.0		FILTRATE 2.0		WPS 0.0		HTHP 0.0		CAKE 0.0		SOLIDS 0.0		LGS 2.7		LIQUID 0.0		SAND 0.0		MBT 0.0					
PH 9.50		PM 0.30		PF 0.15		MF 0.25		CHLORIDES 12000.00		CALCIUM 1200.00		OIL 0.00		WATER 96.60		O W 0.00		LIME 0.00		ES 0.00		LCM 0.00													
PREV BIT # 13		Re-Run 0		SIZE 12 1/4"		MFGR. Baker		TYPE GX-28C		SERIAL # 5302191		JET #1 22		JET #2 22		JET #3 22		JET #4 0		JET #5 0		JET #6 0		JET #7 0		JET #8 0		JET #9 0		JET #10 0		TFA 1.1137			
START FT 1/9/1900 0:00		END FT 1/9/1900 0:00		DEPTH IN 0		DEPTH OUT 0		AVG WOB 0		AVG RPM 0		HOURS 0		FT/HR 0		ROT HRS 0		INNER 1		OUTER 1		DULL NO		LOC. A		BEARING E		GAUGE I		OTHER RR		REASON Planned Trip			
CUR. BIT # 14		Re-Run R		SIZE 12 1/4"		MFGR. Baker		TYPE GX-28C		SERIAL # 5302191		JET #1 22		JET #2 22		JET #3 22		JET #4 0		JET #5 0		JET #6 0		JET #7 0		JET #8 0		JET #9 0		JET #10 0		TFA 1.1137			
START FT 1/30/2021 6:00		LAST CHECK 1/30/2021 6:00		DEPTH IN 7240		DEPTH OUT 7355		AVG WOB 40.00		AVG RPM 30.00		HOURS 6		FT/HR 23.0		ROT HRS 5		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON			
FUEL DELIVERED				FUEL USED TODAY				845				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER															
FUEL ON HAND				6,394				TOTAL FUEL USED				45,347				Gel				Mica				ABO				DAILY SOLIDS 0				OWNER			
PICKUP WT.				205				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS 0				DAILY BBLs 0			
ROTATING WT.				187				MAX. DRAG				18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs 0			
SLACKOFF WT.				170				TQ ON BTM				11,100				Bar				Lime				Tackle				DAILY LIQUIDS 0							
BHA HOURS				11				TQ OFF BTM				7,600				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS 0							
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																															
0.25		27: Other		Safety Meeting/Crew Handover.																															
0.75		11: Wireline Logging		Rig Up Wireline Equipment.																															
7.75		11: Wireline Logging		Run Wireline Log Tools LEH-QT, EDTC-B, AH-184, ASLT-88,AH-184, USIT-E & IBCS-D. Log Down to 7040' Wireline Depth and Back Up.																															
0.50		11: Wireline Logging		Rig Down Wireline Equipment.																															
1.75		20: Directional Work		P/U BHA																															
1.00		6: Tripping		RIH with collars & P/U 24 Joints of HWDP to 1457'																															
2.75		6: Tripping		Trip in hole from 1475' to 6850'																															
1.00		9: Cut Drip Line		Slip and cut Drilling line																															
0.75		24: Drill Cmt / Shoe Test		Trip in hole to 7100' drill float collar @ 7070'																															
0.75		22: Well Control		Test MPD system																															
0.75		24: Drill Cmt / Shoe Test		Drill rest of shoe track, Drilled shoe @ 7155'																															
0.25		2: Drilling		Rotate w/ Bit #14 From 7240' to 7250' (40'ft/hr) w/ 35 WOB, 20 Surf RPM, 112.5 Motor RPM.																															
1.00		24: Drill Cmt / Shoe Test		Preform Formation Integrity test to 100 psi for 30 minutes																															
4.75		2: Drilling		Rotate w/ Bit #14 From 7250' to 7355' (22'ft/hr) w/ 45 WOB, 40 Surf RPM, 135 Motor RPM.																															
24.00				No Accidents, Spills or Inspections to report.																															
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Fen Pt MD/TVD		Lndg Pt MD/TVD																			
1		12 1/4" Bit		1.50		1 MIRU/RDMO		0.00		81.00																									
1		Leam 7/8 5.9 W/1.50 FBH STD Slick		37.97		2 Drilling		5.00		159.75		Depth		Dev.		Azi.		TVD		VS		DLS													
1		Float Sub		3.18		3 Washing/Rearming		0.00		2.25		5,304		0.98		56		5,301		99.81		0.27													
1		12" IBS Stabilizer		7.12		4 Lost Circulation		0.00		0.00		5,399		0.99		53		5,396		101.41		0.06													
1		8" UBHO		2.55		5 Cond. Mud & Circ		0.00		32.75		5,493		0.67		57		5,490		102.74		0.35													
1		8" NMDC		30.52		6 Tripping		3.75		141.75		5,590		0.44		63		5,587		103.64		0.24													
1		8" Pony		13.42		7 Lubricate Rig		0.00		4.50		5,780		0.19		289		5,777		104.20		0.31													
6		8" Steel DC		176.48		8 Rig Repair		0.00		22.50		5,875		0.34		258		5,872		103.90		0.21													
1		XG 6 5/8" Reg PN x 1/2" IF BX		3.61		9 Cut Drlg Line		1.00		2.75		5,969		0.58		260		5,966		103.29		0.26													
15		6.5" Steel DC		454.74		10 Deviation Survey		0.00		0.00		6,060		0.76		258		6,057		102.42		0.20													
24		5" HWDP		726.25		11 Wireline Logging		9.00		50.25		6,155		0.87		252		6,152		101.27		0.14													
						12 Run Casing		0.00		64.50		6,249		0.85		252		6,246		100.03		0.02													
						13 Cement Casing		0.00		32.25		6,344		0.79		251		6,341		98.84		0.06													
						14 Wait On Cement		0.00		20.00		6,438		0.75		250		6,435		97.72		0.05													
						15 NU BOP's		0.00		95.00		6,532		0.56		258		6,529		96.79		0.22													
						16 Test BOP's		0.00		18.50		6,626		0.46		273		6,623		96.17		0.18													
						17 Plug Back		0.00		0.00		6,720		0.41		297		6,717		95.84		0.20													
						18 Squeeze Cmt		0.00		0.00		6,814		0.48		311		6,811		95.73		0.13													
						19 Fishing		0.00		42.75		6,911		0.55		325		6,908		95.81		0.15													
						20 Directional Work		1.75		22.50		7,006		0.55		344		7,003		96.14		0.19													
						21 Weather		0.00		0.00		7,101		0.68		21		7,098		96.90		0.43													
						22 Well Control		0.75		2.25		7,171		0.92		33		7,168		97.84		0.41													
						23 Waiting-Orders/Equip		0.00		0.00				Planned VS		fest @		azimuth																	
						24 Drill Cmt / Shoe Test		2.50		5.75				DAY DRILLING FOREMAN				CELL PHONE NUMBER																	
						25 Jet & Clean Pits		0.00		0.00				Hesston Cheatwood																					
						26 Regulatory		0.00		54.50				NIGHT DRILLING FOREMAN				CELL PHONE NUMBER																	
						27 Other		0.25		43.25				Marcus Jenkins																					
						28 Other		0.00		13.25				AMEREDEV PERSONELL																					
						29 Other		0.00		0.00				DRILLING SUPERINTENDENT				JT Wilkerson																	
						30 Other		0.00		0.00				DRILLING ENGINEER				Diego Barreda																	
						31 Other		0.00		0.00				DAY CONTROL ROOM SUP				David Pope																	
						TOTALS		24.00		912.00				NIGHT CONTROL ROOM SUP				Ted Cheatwood																	
Cost Input																																			
Cost Type		Charge		Code		Description		Vendor		Unit Cost		Quantity		Cost		Carry Over																			
8500		0.094		SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins		Rusco Operating LLC				1.0				Yes																			
8500		0.094		SUPERVISION / CONTRACT		Ted Cheatwood/ David Pope		Rusco Operating LLC				1.0				Yes																			
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants		Hoppe's Construction LLC				1.0				Yes																			
8500		0.024		SURFACE RENTALS		Internet & Intercoms		wersat Communications US				1.0				Yes																			
8500		0.024		SURFACE RENTALS		Forklift		Boland Field Services LLC				1.0				Yes																			
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks		Blueprint Oilfield Services Inc				1.0				Yes																			
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters		Divine Energy Services Inc				1.0				Yes																			
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks		Divine Energy Services Inc				1.0				Yes																			
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection.		Pason				1.0				Yes																			
8500		0.01		DRILLING RIG		Citadel Rig #3		Citadel Drilling				1.0				Yes																			
8500		0.024		SURFACE RENTALS		3- 4X4 Transfer Pumps.		Johnso Specialty Tools LLC				1.0				Yes																			
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter		Iron Horse Tools LLC				1.0				Yes																			
8500		0.124		TY AND EMERGENCY RESP		Hzs Compliance Package		American Safety Services, In				1.0				Yes																			
8500		0.066		DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands		KSW Oilfield Rental LLC				1.0				Yes																			
8500		0.186		GEOLOGY		Mud Logging Service		ckstone Analytics Mud Logg				1.0				Yes																			
8500		0.024		SURFACE RENTALS		Minion Tank		Think Tank				1.0				Yes																			
8500		0.03		DOWNHOLE RENTALS		(12) 8" Drill Collars		Platinum Pipe Rentals LLC				1.0				Yes																			
8500		0.032		DIRECTIONAL DRILLING		NOV Motor charge (#962-36-169, 962-36-187, 962-36-262, 962-36-275, 962-36-163)		National Oilwell Varco				1.0				No																			
8500		0.032		DIRECTIONAL DRILLING		MWD (Captured Costs)		Halliburton Energy Services				1.0				No																			
8500		0.028		DRILL BITS		Ulterra CF619 SN 51407 DBR Charge on BHA #10		Ulterra Drilling Technolog				1.0				No																			
8500		0.048		LL CONTROL EQUIP / SERV		21 1/4" Rotating Head		Opla				1.0				Yes																			
8500		0.138		WELDING & MATERIALS		Weld 3/4" stainless steel long string and short string for 20" cement top up		OMAX LLC				1.0				Yes																			
8500		0.032		DIRECTIONAL DRILLING		MWD Daily cost		Halliburton Energy Services				1.0				Yes																			
8500		0.06		D, ADDITIVES, AND CHEM		Mud additives & driveby mud check		Halliburton Energy Services				1.0				Yes																			
8500																\$ -																			
8500																\$ -																			
8500																\$ -																			
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Ameredev LLC																				Report # 40																							
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, February 1, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		36										8,328		8,328		241		33		7																					
Current Operation				Drilling 12.25" Intermediate				Next 24 Hours				Drill 12.25" Intermediate																															
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size															
Surface		24		1,383		1,383																						26															
Intermediate		20" N-80 133# BTC		0		3,412		NeoCam		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22															
Intermediate		13.625" Q-125 88.2# BTC		0		7,150																		3118.9/5250.35				17 1/2															
FORMATION				B/GG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
				170		278		0		30		30		30		30		30		30																							
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																							
5.0		6.500		12		108		207		#VALUE!						7,150		9.0		74																							
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																					
4.19		6.0		12		108		4.19		6.0		12		108		6.0		904		2,100																							
MW IN		MW OUT		VIS IN		VIS OUT		PV		YF		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT													
8.8		8.9		28.0		28.0		1.0		4.0		1.0		2.0		0.0		0.0		0.0		0.0		2.7		0.0		0.0		0.0													
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM																					
3.50		0.30		0.15		0.25		12000.00		1200.00		0.00		96.60		0.00		0.00		0.00		0.00																					
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
15		0		12 1/4"		Halliburton		EQH510R		12909079		22		22		22		0		0		0		0		0		0		0		1.1137											
START FT		END FT		DEPTH IN		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON													
1/31/2021 9:30		1/31/2021 16:45		8087		50.00		28.00		7.25		33.2		7.25		6		7		BT		A		F		I		LT		See: 10/1/2021/10:00													
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
16		0		12 1/4"		Ukenra		SLP616		47456		14		14		14		14		14		14		15		15		0		1.3975													
START FT		LAST CHECK		DEPTH IN		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON													
				0										0																													
FUEL DELIVERED				FUEL USED TODAY				1,690				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																							
FUEL ON HAND				3,168				TOTAL FUEL USED				49,815				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER							
PICKUP WT.				205				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLS				0			
ROTATING WT.				187				MAX. DRAG				18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS								CUM BBLS				0			
SLACKOFF WT.				170				TQ. ON BTM				11,100				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				11				TQ. OFF BTM				7,600				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																							
0.25		27: Other		Safety Meeting/Crew Change																																							
2.25		6: Tripping		Trip in the hole to 7000'. Filling pipe every 3000'.																																							
0.25		6: Tripping		Install Rotating Head.																																							
0.75		6: Tripping		Trip in the hole to 8087'. Fill Pipe.																																							
2.50		2: Drilling		Rotate w/ Bit #15 From 8087' to 8179' (37'ft/hr) w/ 45 WOB, 50 Surf RPM, 150 Motor RPM.																																							
0.50		2: Drilling		Slide w/ Bit #15 From 8179' to 8199' (40'ft/hr) w/ 50 WOB, 0 Surf RPM, 135 Motor RPM.																																							
1.75		2: Drilling		Rotate w/ Bit #15 From 8199' to 8265' (38'ft/hr) w/ 50 WOB, 50 Surf RPM, 135 Motor RPM.																																							
0.75		2 Drilling		Slide w/ Bit #15 From 8265' to 8290' (33'ft/hr) w/ 50 WOB, 0 Surf RPM, 135 Motor RPM.																																							
1.75		2: Drilling		Rotate w/ Bit #15 From 8290' to 8328' (22'ft/hr) w/ 55 WOB, 40 Surf RPM, 135 Motor RPM.																																							
0.25		22: Well Control		Check for flow (no flow) Attempt to Drill with 65 WOB, Rotary Kept Stalling Out.																																							
0.75		6: Tripping		Trip out of the hole from 8328' to 7080'.																																							
0.25		6 Tripping		Pull Rotating Head.																																							
0.25		27: Other		Safety Meeting/Crew Change.																																							
4.25		6: Tripping		Trip out of hole from 7080' to surface C/O Bit																																							
4.75		6 Tripping		Trip in hole to 8262'. Wash form 8262' to 8328'																																							
2.75																																											
24.00				No Accidents, Spills or Inspections to report																																							
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD																											
1		12 1/4" Bit		2.00		1 MRLU/RDMO		0.00		81.00																																	
1		Leam 7/8 5.9 W/1.50 FBH STD Slick		38.00		2 Drilling		7.25		183.25		Depth		Dev.		Azi.		TVD		VS		DLS																					
1		Float Sub		3.00		3 Washing/Reaming		0.00		2.25		6,249		0.85		252		6,246		100.03		0.02																					
1		12" IBS Stabilizer		7.00		4 Lost Circulation		0.00		0.00		6,344		0.79		251		6,341		98.84		0.06																					
1		8" UBHO		3.00		5 Cond. Mud & Circ		0.00		32.75		6,438		0.75		250		6,435		97.72		0.05																					
1		8" NMDC		31.00		6 Tripping		13.25		162.00		6,532		0.56		258		6,529		96.79		0.22																					
1		8" Pony		13.00		7 Lubricate Rig		0.00		4.75		6,626		0.46		273		6,623		96.17		0.18																					
6		8" Steel DC		176.00		8 Rig Repair		0.00		22.50		6,720		0.41		297		6,717		95.84		0.20																					
1		XO 6 5/8" Reg PN x 1 1/2" IF BX		4.00		9 Cut Orig Line		0.00		2.75		6,814		0.48		311		6,811		95.73		0.13																					
15		6.5" Steel DC		455.00		10 Deviation Survey		0.00		0.00		6,911		0.55		325		6,908		95.81		0.15																					
24		5" HWDP		726.00		11 Wireline Logging		0.00		50.25		7,006		0.55		344		7,003		96.14		0.19																					
						12 Run Casing		0.00		64.50		7,101		0.68		21		7,098		96.90		0.43																					
						13 Cement Casing		0.00		32.25		7,171		0.92		33		7,168		97.84		0.41																					
						14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252		99.39		0.57																					
						15 NU BOP's		0.00		95.00		7,349		1.42		38		7,346		101.53		0.43																					
						16 Test BOP's		0.00		18.50		7,443		1.55		53		7,440		103.94		0.43																					
						17 Plug Back		0.00		0.00		7,538		1.30		46		7,535		106.28		0.32																					
						18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629		108.49		0.22																					
						19 Fishing		0.00		42.75		7,727		1.79		47		7,724		111.12		0.45																					
						20 Directional Work		0.00		22.50		7,821		1.48		61		7,818		113.74		0.54																					
						21 Weather		0.00		0.00		7,915		1.68		56		7,912		116.24		0.26																					
						22 Well Control		0.25		2.75		8,009		1.88		77		8,006		118.87		0.72																					
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth																											
						24 Drill Cmt / Shoe Test		0.00		5.75		DAY DRILLING FOREMAN		CELL PHONE NUMBER																													
						25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood/Marcus Jenkins		CELL PHONE NUMBER																													
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN		CELL PHONE NUMBER																							
219		DP		5		19.5		5-135		6903.28		27 Other		0.50		44.00		Marcus Jenkins																									
												28 Other		0.00		13.25		AMEREDDEV PERSONNEL																									
												29 Other		0.00		0.00		DRILLING SUPERINTENDENT		JT Wilkerson																							
												30 Other		0.00		0.00		DRILLING ENGINEER		Diego Barrada																							
												31 Other		0.00		0.00		DAY CONTROL ROOM SUP		David Pope																							
												TOTALS		21.25		957.25		NIGHT CONTROL ROOM SUP		Ted Cheatwood																							
Cost Input																																											
Cost Type		Charge		Code		Description		Vendor		Unit Cost		Quantity		Cost		Carry Over																											
8500		0.094		SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins		Rusco Operating LLC				1.0				Yes																											
8500		0.094		SUPERVISION / CONTRACT		Ted Cheatwood/ David Pope		Rusco Operating LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer, 3 Light Plants		Hoppe's Construction LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Internet & Intercoms		wersat Communications US				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Forklift		Boland Field Services LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks		Blueprint Oilfield Services				1.0				Yes																											
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters		Divine Energy Services Inc				1.0				Yes																											
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks		Divine Energy Services Inc				1.0				Yes																											
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection		Pason				1.0				Yes																											
8500		0.01		DRILLING RIG		Citadel Rig #3		Citadel Drilling				1.0				Yes																											
8500		0.024		SURFACE RENTALS		3- 4X4 Transfer Pumps		Johnso Specialty Tools LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter		Iron Horse Tools LLC				1.0				Yes																											
8500		0.124		TY AND EMERGENCY RESP		H2s Compliance Package		American Safety Services, In				1.0				Yes																											
8500		0.066		DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands		KSW Oilfield Rental LLC				1.0				Yes																											
8500		0.186		GEOLOGY		Mud Logging Service		ckstone Analytics Mud Logg				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Minion Tank		Think Tank				1.0				Yes																											
8500		0.03		DOWNHOLE RENTALS		(12) 8" Drill Collars		Platinum Pipe Rentals LLC				1.0				Yes																											
8500		0.048		LL CONTROL EQUIP / SERV		Rotating Head & MPD		Opla				1.0				Yes																											
8500		0.032		DIRECTIONAL DRILLING		MWD Daily cost		Halliburton Energy Services																																			



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Ameredev LLC																				Report # 44													
Morning Drilling Report																																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																			
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, February 5, 2021																			
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS											
		12/27/2020		40										10,179		10,179		553		96		6											
Current Operation				TIH with 12 1/4" BHA, new bit, motor & MWD								Next 24 Hours		TIH and Drill 12 1/4" hole as per program																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size					
Surface		24		1,383		1,383																						26					
Intermediate		20" N-80 133# BTC		0		3,412		NeoCam		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22					
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/2350.35				17 1/2					
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI													
Bone Spring				124		278		0		30		30		30		30		30		30													
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0		6.500						189		#VALUE!						7,150		9.0		37													
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE											
4.19		6.0		12		108		4.19		6.0		12		108		108		904		4,000													
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT			
8.9		8.9		28.0		28.0		1.0		4.0		1.0		2.0		0.0		0.0		0.0		0.0		2.7		0.0		0.0		0.0			
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM											
9.00		0.30		0.15		0.25		20000.00		3600.00		0.00		96.10		0.00		0.00		0.00		0.00											
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
19		0		12 1/4"		Halliburton		GT65DUHE		13100340		18		18		18		18		18		18		0		0		0		0		1,4910	
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
2/4/2024 10:30		2/4/2021 16:13		9626		10179		35.00		60.00		5.75		96.2		5.75		6		8		RO		A		X		I		BT		Base of Measurement	
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
20		0		12 1/4"		Smith		Z7135		JV3391		18		18		18		18		16		16		16		0		0		0		1,5309	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
				0		0										0																	
FUEL DELIVERED		7,200		FUEL USED TODAY		7,200						MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL		FRESH WATER													
FUEL ON HAND		11,461		TOTAL FUEL USED		61,922		Gel				Mica				ABO				DAILY SOLIDS		0		OWNER									
PICKUP WT.		205		AVG. DRAG		15		Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS		0		DAILY BBLs		0							
ROTATING WT.		187		MAX. DRAG		18		Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs		0							
SLACKOFF WT.		170		TQ. ON BTM		11,100		Bar				Lime				Tackle				DAILY LIQUIDS		0											
BHA HOURS		6		TQ. OFF BTM		7,600		Pac-R				Alum Ster				Cost				TOTAL LIQUIDS		0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																													
0.25		27: Other		Safety Meeting/Crew Handover.																													
0.25		6: Tripping		Install Rotating Head.																													
0.25		6: Tripping		Trip in the hole to 9483'.																													
1.00		5: Cond. Mud & Circ		Attempt to fill pipe and found that the 5" Valve on the mud pump had failed and was unable to open it.																													
1.00		6: Tripping		Pull back up into the casing @ 7150' while repairing 5" Valve. (Valve Repaired and Functioned.)																													
1.25		6: Tripping		Trip in the hole to 9483'.																													
0.50		3: Washing/Reaming		Fill Pipe and Wash to Bottom from 9483' to 9626'																													
5.75		2: Drilling		Rotate w/ Bit #19 From 9626' to 10179' (96 ft/hr) w/ 35 WOB, 60 Surf RPM, 99 Motor RPM.																													
0.75		6: Tripping		Check for Flow @ 10,179' (No Flow) Trip out of the hole to 9675'.																													
0.25		6: Tripping		Remove Rotating Head.																													
0.75		6: Tripping		Trip out of the hole from 9675' to 8500'.																													
0.25		27: Other		Safety Meeting/Crew Handover.																													
5.00		6: Tripping		Continue TOH from 8500 ft to 956 ft. VT 204.6 Bbls, ACT vol 226.1 Bbls. Diff: 21.5 Bbls (Wet)																													
1.75		6: Tripping		Change out MWD, inspect UBHO, springs on mule shoe loose. Lay out motor & bit, install two new float valves.																													
0.50		28: Other		Organize rig floor, caliper motor, complete drops inspection.																													
1.80		6: Tripping		M/U bit, motor, UBHO, Mule shoe and scribe.																													
3.50		6: Tripping		TIH with 12 1/4" bit and BHA #21 from 95 ft to 5,000'																													



Ameredev LLC																		Report # 45					
Morning Drilling Report																							
WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE											
INDEPENDENCE AGI #1					0		30-025-48081		DRILLING			Sat, February 6, 2021											
DRLOG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		41										11,065		11,065		886		47		19	
Current Operation:			Troubleshooting gas separator and flare line.										Next 24 Hours					Work on flare line, Drill 12 1/4" hole					
Type	Casing Specs		Top TMD		8tm TMD		ID	Grift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size						
Surface	24		1,383		1,383												26						
Intermediate	20" N-80 133# BTC		0		3,412		NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22						
Intermediate	13.625" Q-125 88.2# BTC		0		7,150		12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	8118.3/5390.35	/	17 1/2						
FORMATION			BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI				
2nd Bone Spring			22-5635		5,851		0		30		30		30		30								
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA		COST/FT. 24 HRS.		COST/FT. (QA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SGP			
5.0		6.500						168		#VALUE!						7,150		8.0		37			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMP PRESSURE			
4.19		6.0		12		96		6.0		96		18		18		18		804		3,200			
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP			
8.9		8.9		28.0		28.0		1.0		4.0		1.0		3.0		100.0		0.0		0.0			
PH		PM		PF		MP		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES			
10.00		0.30		0.15		0.25		20000.00		4400.00		0.00		96.10		0.00		0.00		0.00			
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5			
19		0		12 1/4"		Halliburton		G1650LHE		13100340		18		18		18		18		18			
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER			
2/4/2021 10:30		2/4/2021 16:15		9626		10179		35.00		60.00		5.75		96.2		5.75		6		8			
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5			
20		0		12 1/4"		Smith		Z7135		JV3391		18		18		18		16		16			
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER			
2/5/2021 9:30		2/6/2021 5:15		10179		11062		52.78		54.44		19.75		46.5		19							
FUEL DELIVERED			0		FUEL USED TODAY		3,740		MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL					FRESH WATER				
FUEL ON HAND			7,721		TOTAL FUEL USED		65,662		Gel		Mica		ABO		DAILY SOLIDS					0			
PICKUP WT.			284		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS					0			
ROTATING WT.			276		MAX. DRAG		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS					0			
SLACKOFF WT.			259		TQ. ON BTM		22,000		Bar		Lime		Tackle		DAILY LIQUIDS					0			
BHA HOURS			15		TQ. OFF BTM		12,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS					0			
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
0.25		27: Other		Safety Meeting/Crew Handover.																			
0.75		6: Tripping		Trip in the hole to 7,150'.																			
0.75		9: Cut Drlg Line		Cut and slip Drill Line.																			
1.25		6: Tripping		Trip in the hole to 9,500'.																			
0.25		6: Tripping		Install Rotating Head.																			
0.25		6: Tripping		Trip in the Hole to 10,100' and Wash to Bottom to 10,179'.																			
3.75		2: Drilling		Rotate w/ Bit #20 From 10179' to 10434' (68'ft/hr) w/ 65 WOB, 70 Surf RPM, 136 Motor RPM.																			
0.25		7: Lubricate Rig		Rig Service.																			
2.50		2: Drilling		Rotate w/ Bit #20 From 10434' to 10581' (59'ft/hr) w/ 65 WOB, 70 Surf RPM, 136 Motor RPM.																			
1.00		2: Drilling		Slide w/ Bit #20 From 10581' to 10601' (20'ft/hr) w/ 40 WOB, 0 Surf RPM, 136.8 Motor RPM.																			
0.50		2: Drilling		Rotate w/ Bit #20 From 10601' to 10626' (50'ft/hr) w/ 65 WOB, 70 Surf RPM, 136 Motor RPM.																			
0.50		2: Drilling		Slide w/ Bit #20 From 10626' to 10646' (40'ft/hr) w/ 40 WOB, 0 Surf RPM, 136 Motor RPM. Drilling through MPD manifold with 8.9 ppg, MPD not holding any back pressure.																			
0.25		27: Other		Safety Meeting/Crew Handover.																			
1.75		2: Drilling		Rotate w/ Bit #20 From 10646' to 10745' (57'ft/hr) w/ 65 WOB, 70 Surf RPM, 136 Motor RPM.																			
7.25		2: Drilling		Rotate w/ Bit #20 From 10745' to 11004' (36'ft/hr) w/ 45 WOB, 70 Surf RPM, 136 Motor RPM. With 4300 psi and 850 gpm stalled out twice resulting in mud pump pop-off valves blown. Observe formation change, rack stand, backream & ream down stand to evaluate hole condition.																			
0.25		7: Lubricate Rig		Rig Service.																			
1.75		2: Drilling		Rotate w/ Bit #20 From 11004' to 11062' (33'ft/hr) w/ 45 WOB, 70 Surf RPM, 136 Motor RPM.																			
0.75		27: Other		While drilling noticed 3rd party gas increasing and hands could smell gas coming from possum bellies. Rack back 1 stand off bottom and circulate while reciprocating pipe while, Troubleshoot why gas was not being vented through gas separator. Found flare line was packed off on backside of check valve. Pump water through flare line to ensure no gas was trapped inside line, and then attempt to flush with rig air (unsuccessful). Break flare line and clear packoff by hand.																			
14.00																		No Accidents, Spills or inspections to report					
QTY	BHA ITEM			LENGTH			TIME DISTRIBUTION			DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Undg Pt MD/TVD					
1	12 1/4" Bit			1.50			1 MIRU/RDMO			0.00		81.00											
1	Team			36.90			2 Drilling			19.00		239.75		Depth		Dev.		Azi.					
1	8" Float Sub			2.90			3 Washing/Reaming			0.00		2.75		6,249		0.85		252					
1	12" JBS Stabilizer (BFF)			7.12			4 Lost Circulation			0.00		0.00		6,344		0.79		251					
1	8" UBHO			2.55			5 Cond. Mud & Circ			0.00		33.75		6,438		0.75		250					
1	8" NMDC			30.52			6 Tripping			2.50		216.00		6,532		0.56		258					
1	8" Pony			13.42			7 Lubricate Rig			0.50		5.75		6,626		0.46		273					
6	8" Steel DC			176.48			8 Rig Repair			0.00		23.00		6,720		0.41		297					
1	XO 6 5/8" Reg PN x 1/2" IF BX			3.61			9 Cut Drlg Line			0.75		4.00		6,814		0.48		311					
15	6.5" Steel DC			454.74			10 Deviation Survey			0.00		0.00		6,911		0.55		325					
24	5" HWDP			726.25			11 Wireline Logging			0.00		50.25		7,006		0.55		344					
							12 Run Casing			0.00		64.50		7,101		0.68		21					
							13 Cement Casing			0.00		32.25		7,173		0.92		33					
							14 Wait On Cement			0.00		20.00		7,255		1.22		53					
							15 NU BOP's			0.00		95.00		7,349		1.42		38					
							16 Test BOP's			0.00		18.50		7,443		1.55		53					
							17 Plug Back			0.00		0.00		7,538		1.30		46					
							18 Squeeze Cmt			0.00		0.00		7,632		1.41		54					
							19 Fishing			0.00		42.75		7,727		1.79		47					
							20 Directional Work			0.00		22.50		7,821		1.48		61					
							21 Weather			0.00		0.00		7,915		1.88		56					
							22 Well Control			0.00		4.25		8,009		1.88		77					
							23 Waiting-Orders/Equip			0.00		0.00		Planned VS		feet @		azimuth					
							24 Drill Cmt / Shoe Test			0.00		5.75		DAY DRILLING FOREMAN		CELL PHONE NUMBER							
							25 Jet & Clean Pits			0.00		0.00		Hesston Cheatwood		CELL PHONE NUMBER							
							26 Regulatory			0.00		54.50		NIGHT DRILLING FOREMAN		CELL PHONE NUMBER							
							27 Other			1.25		47.25		Marcus Jenkins		CELL PHONE NUMBER							
							28 Other			0.00		13.75		AMEREDDEV PERSONELL									
							29 Other			0.00		0.00		DRILLING SUPERINTENDENT		JT Wilkerson							
							30 Other			0.00		0.00		DRILLING ENGINEER		Diego Barreda / John Zahaldano							
							31 Other			0.00		0.00		DAY CONTROL ROOM SUP		Chris Huff							
							TOTALS			24.00		1077.25		NIGHT CONTROL ROOM SUP		Andy Slusarchuk							
Cost Input																							
Cost Type	Charge	Code		Description				Vendor				Unit Cost	Quantity	Cost	Carry Over								
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC					1.0		Yes								
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk/ Chris Huff				Rusco Operating LLC					1.0		Yes								
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC					1.0		Yes								
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications US					1.0		Yes								
8500	0.024	SURFACE RENTALS		Forklift				Boland Field Services LLC					1.0		Yes								
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services					1.0		Yes								
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc					1.0		Yes								
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc					1.0		Yes								
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason					1.0		Yes								
8500	0.03	DRILLING RIG		Citadel Rig #3				Citadel Drilling					1.0		Yes								
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC					1.0		Yes								
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC					1.0		Yes								
8500	0.066	DS CONTROL EQUIP / SERV		H2s Compliance Package				merican Safety Services, In					1.0		Yes								
8500	0.186	GEOLOGY		Solid Control Equipment and Hands				KSW Oilfield Rental LLC					1.0		Yes								
8500	0.024	SURFACE RENTALS		Mud Logging Service				ekstone Analytics Mud Logg					1.0		Yes								
8500	0.03	DOWNHOLE RENTALS		Minion Tank				Think Tank					1.0		Yes								
8500	0.048	LL CONTROL EQUIP / SERV		(12) 8" Drill Collars				Platinum Pipe Rentals LLC					1.0		Yes								
8500	0.032	DIRECTIONAL DRILLING		Rotating Head & MPD				Opla					1.0		Yes								
8500	0.06	D, ADDITIVES, AND CHEM		MWD Daily cost				Halliburton Energy Services					1.0		Yes								
8500	0.024	SURFACE RENTALS		Mud additives & driveby mud check				Halliburton Energy Services					1.0		Yes								
8500	0.03	DOWNHOLE RENTALS		500 BBL Mixing Tank				McAda Drilling Fluids Inc					1.0		Yes								
8500	0.03	DOWNHOLE RENTALS		Motors Learn				Learn					1.0		Yes								
8500	0.03	DOWNHOLE RENTALS		Motors NOV				National Oilwell Varco					1.0		Yes								
8500	0.03	DOWNHOLE RENTALS		String Stabilizer rental				A Oilfield Manufacturing In					1.0		No								
8500	0.2	LINE / PERF / PUMPDOWN		Cable cost for fishing job while wirelining				hlumberger Technology Cor					1.0		No								
8500	0.066	DS CONTROL EQUIP / SERV		Shaker Screens				Berrick Corporation					1.0		No								
8500																							
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Ameredev LLC																				Report # 46																				
Morning Drilling Report																																								
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																										
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Sun, February 7, 2021																										
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		ROT HRS																						
		12/27/2020		42								11,430		11,430		365		52																						
Current Operation:				Drill 12 1/4" hole				Next 24 Hours:				Drill 12 1/4" hole																												
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size																								
Surface	24			1,383	1,383											26																								
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	Haicem	410	14,80000	1,33000	0	635 / 410	22																								
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2																								
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																												
2cd Bone Spring				22-5635	5,851	0	90		30		30																													
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA. #VALUE!		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																									
5.0	6.500			166							7,150		9.0		9																									
GPS #1	LINER X STROKE			SPM #1	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS																									
4.19	6.0			12	96			6.0		3,200				804																										
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT																								
9.0	9.0	28.0	28.0	1.0	4.0	2.0	2.0	100.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0																								
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM																													
9.50	0.30	0.15	0.25	20000.00	20000.00	0.00	96.10	0.00	0.00	0.00	0.00																													
PREV BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																								
20	0	12 1/4"	Smith	Z7135	JV3391	18	18	18	16	16	16	16	16	0	0	1.5309																								
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																								
2/5/2021 9:30	2/6/2021 13:00	10179	11183	53.00	56.00	27.5	43.7	23	3	8			X	I	BT																									
CUR. BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																								
21	0	12 1/4"	Taurex	TX5519 D9 U	S09831	15	15	15	15	15	15	15	15	15	0	1.5532																								
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																								
2/7/2021 3:00	2/7/2021 6:00	11183	11430	25.00	80.00	3	82.3	3																																
FUEL DELIVERED	FUEL USED TODAY			MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																												
	7,721			65 662				DAILY SOLIDS				OWNER																												
PICKUP WT.	AVG. DRAG			Poly Plus				Quick Thin		PolyPac UI		TOTAL SOLIDS		DAILY BBLs																										
	284			15								0		0																										
ROTATING WT.	MAX. DRAG			Caustic				Soda Ash		Galex		DAILY DISPOSAL COSTS		CUM BBLs																										
	276			22,000								0		0																										
SLACKOFF WT.	TQ. ON BTM			Bar				Lime		Tackle		DAILY LIQUIDS		0																										
	259			12,000				Alum Ster		Cost		0		0																										
BHA HOURS	TQ. OFF BTM			Pac-R								TOTAL LIQUIDS		0																										
	3			12,000																																				
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																								
0.25	27: Other			Safety Meeting/Crew Handover.																																				
0.50	22: Well Control			Change out Leaking Rotating Head.																																				
2.25	22: Well Control			Vent line going to the Flare Stack was Plugged. Fill Separator, Flush out Vent Line, Break apart and Drain.																																				
4.00	2: Drilling			Rotate w/ Bit #20 From 11065' to 11183' (30'ft/hr) w/ 55 WOB, 70 Surf RPM, 136 Motor RPM.																																				
0.50	6: Tripping			Check for Flow (No Flow), Trip out of the hole to 10629'.																																				
0.50	6: Tripping			Remove Rotating Head.																																				
4.00	6: Tripping			Trip out of the hole from 10,629' to 2909'.																																				
0.25	27: other			Safety Meeting/Crew Handover.																																				
2.25	6: Tripping			Continue TOH with 12 1/4" motor assembly from 2909 ft to surface, break out bit. VT 127.9 BBLs, ACT 170.09 BBLs, Diff 42.19 BBLs, wet																																				
5.75	6: Tripping			M/U new 12 1/4" bit with motor assembly BHA #22 and THH to 11090 ft, test tool at 2965 ft.																																				
0.50	6: Tripping			Install Opta RCD element, observe well static.																																				
0.25	6: Tripping			THH to bottom from 11098 ft to 11183 ft.																																				
3.00	2: Drilling			Rotate w/ Bit #21 from 11183' to 11430' (82'ft/hr) w/ 25 WOB, 80 Surf RPM, 132.8 Motor RPM. Run centerfuges to drop mud weight from 9 ppg to 8.6 ppg.																																				
No Accidents, Spills or Inspections to report.																																								
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD																								
1	12 1/4" Bit			2.00		1: M/U/RODM		0.00		81.00																														
1	Leam			37.00		2: Drilling		7.00		246.75		Depth		Dev.		VS																								
1	8" Float Sub			3.00		3: Washing/Reaming		0.00		2.75		6,249		0.85		252																								
1	12" IBS Stabilizer (BFF)			7.00		4: Lost Circulation		0.00		0.00		6,344		0.79		251																								
1	8" UBHO			3.00		5: Cond. Mud & Circ		0.00		33.75		6,438		0.75		250																								
1	8" NMDC			31.00		6: Tripping		13.75		229.75		6,532		0.56		258																								
1	8" Pony			13.00		7: Lubricate Rig		0.00		5.75		6,626		0.46		273																								
6	8" Steel DC			176.00		8: Rig Repair		0.00		23.00		6,720		0.41		297																								
1	XO 6 5/8" Reg PN x 1/2" IF BX			4.00		9: Cut Drp Line		0.00		4.00		6,814		0.48		311																								
15	5.5" Steel DC			455.00		10: Deviation Survey		0.00		0.00		6,911		0.55		325																								
24	5" HWDP			726.00		11: Wireline Logging		0.00		50.25		7,006		0.55		344																								
						12: Run Casing		0.00		64.50		7,101		0.68		21																								
						13: Cement Casing		0.00		32.25		7,171		0.92		33																								
						14: Wait On Cement		0.00		20.00		7,255		1.22		53																								
						15: NU BOP's		0.00		95.00		7,349		1.42		38																								
						16: Test BOP's		0.00		18.50		7,443		1.55		53																								
						17: Plug Back		0.00		0.00		7,538		1.30		46																								
						18: Squeeze Cmt		0.00		0.00		7,632		1.41		54																								
						19: Fishing		0.00		42.75		7,727		1.79		47																								
						20: Directional Work		0.00		22.50		7,821		1.48		61																								
						21: Weather		0.00		0.00		7,915		1.68		56																								
						22: Well Control		2.75		7.00		8,009		1.88		77																								
						23: Waiting-Orders/Equip		0.00		0.00		Planned VS =		feet @		azimuth																								
						24: Drill Cmt / Shoe Test		0.00		5.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER																								
						25: Jet & Clean Pits		0.00		0.00		Hesston Cheatwood																												
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26: Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN				CELL PHONE NUMBER																								
219	DP	5	19.5	S-135	6903.28	27: Other		0.00		47.75		Marcus Jenkins																												
						28: Other		0.00		13.75		AMEREDDEV PERSONELL																												
						29: Other		0.00		0.00		DRILLING SUPERINTENDENT				JT Wilkerson																								
						30: Other		0.00		0.00		DRILLING ENGINEER				Diego Barreda / John Zabaldano																								
						31: Other		0.00		0.00		DAY CONTROL ROOM SUP				Chris Huff																								
						TOTALS		24.00		1101.25		NIGHT CONTROL ROOM SUP				Andy Slusarchuk																								
Cost Input																																								
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over																											
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC			1.0		Yes																											
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk/ Chris Huff				Rusco Operating LLC			1.0		Yes																											
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC			1.0		Yes																											
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications USA			1.0		Yes																											
8500	0.024	SURFACE RENTALS		Forklift				Boland Field Services LLC			1.0		Yes																											
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes																											
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes																											
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes																											
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection.				Pason			1.0		Yes																											
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling			1.0		Yes																											
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC			1.0		Yes																											
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC			1.0		Yes																											
8500	0.124	ITY AND EMERGENCY RESPN		H2s Compliance Package				merican Safety Services, Inc			1.0		Yes																											
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC			1.0		Yes																											
8500	0.198	MUD LOGGING		Mud Logging Service				dstone Analytics Mud Logg			1.0		Yes																											
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes																											
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars				Platinum Pipe Rentals LLC			1.0		Yes																											
8500	0.048	LL CONTROL EQUIP / SERVI		Rotating Head & MPD				Opla			1.0		Yes																											
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost				Halliburton Energy Services			1.0		Yes																											
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check				Halliburton Energy Services			1.0		Yes																											
8500	0.024	SURFACE RENTALS		500 BBL Mixing Tank				McAda Drilling Fluids Inc.			1.0		Yes																											
8500	0.03	DOWNHOLE RENTALS						Learn			1.0		Yes																											
8500	0.03	DOWNHOLE RENTALS						Motors Learn			1.0		Yes																											
8500	0.028	DRILL BITS		Smith 12 1/4" bit Z7135 #JV3391 DBR \$14500				Smith International Inc			1.0		No																											
8500	0.028	DRILL BITS		Taurex 12 1/4" bit TX5519 #S09831				Taurex Drill Bits			1.0		No																											
8500												\$ -																												
8500												\$ -																												
8500												\$ -																												
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Ameredev LLC																Report # 47			
Morning Drilling Report																			
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE					
INDEPENDENCE AGI #1				[REDACTED]		0		30-025-48081		DRILLING				Mon, February 8, 2021					
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD			
		12/27/2020		43		[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]		11,771		11,771			
Current Operation				Drill 12 1/4" hole				Next 24 Hours				Drill 12 1/4" hole							
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size			
Surface	24			1,383	1,383											26			
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22			
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.00000	3118.9/3250.35	/	17 1/2			
FORMATION				BGG	OG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI							
Wolfcamp						5,356	30	30	30	30	30	30							
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHF/SQ IN BIT DIA		COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD			
5.0		6.500						184		#VALUE!						9.0			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3			
4.19		6.0		12		96		4.19		6.0		12		96		4.19			
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE			
9.0		9.0		28.0		28.0		1.0		4.0		1.0		2.0		100.0			
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W			
8.00		0.20		0.50		0.20		20000.00		1800.00		0.00		96.10		0.00			
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3			
21		0		12 1/4"		Taufex		TXS519 D9 U		S09831		15		15		15			
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS			
2/7/2021 3:00		2/7/2021 10:45		11183		11666		36.67		83.33		7.75		64.4		7.5			
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3			
22		0		12 1/4"		Ulterra		5PL616		48751		14		14		14			
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS			
2/8/2021 1:15		2/8/2021 6:00		11666		11771		30.00		80.00		4.75		84.0		1.25			
FUEL DELIVERED				0				FUEL USED TODAY				0				MUD ADDITIVES IN LAST 24 HOURS			
FUEL ON HAND				7,721				TOTAL FUEL USED				65,662				Gel			
PICKUP WT.				284				AVG. DRAG				15				Poly Plus			
ROTATING WT.				276				MAX. DRAG				18				Caustic			
SLACKOFF WT.				259				TD. ON BTM				22,000				Bar			
BHA HOURS				3				TQ OFF BTM				12,000				Pac-R			
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
HOURS		TIME CODE																	
0.75		2: Drilling		Rotate w/ Bit #21 From 11430' to 11477' (63"/hr) w/ 20 WOB, 80 Surf RPM, 132.8 Motor RPM.															
0.25		7: Lubricate Rig		Rig Service															
3.75		2: Drilling		Rotate w/ Bit #21 From 11477' to 11666' (50"/hr) w/ 65 WOB, 90 Surf RPM, 132.8 Motor RPM.															
0.50		6: Tripping		Check for Flow (Now Flow) Pump Slug, TOOH to 11,123'.															
0.50		22: Well Control		Pull Rotating Head.															
5.50		6: Tripping		Trip out of the Hole to BHA.															
1.00		20: Directional Work		Drain Motor, Break Bit, Make Up New Bit.															
3.00		6: Tripping		TIH with 12 1/4" bit & motor assembly to 3000 ft, test motor. Continue TIH to 7000 ft.															
0.25		6: Tripping		Conduct trip drill with Rig Crew.															
1.00		9: Out Drlg Line		Slip & cut Drilling line, observe well static.															
1.50		6: Tripping		TIH from 7000 ft to 10000 ft.															
0.50		6: Tripping		Install RCD element.															
0.75		6: Tripping		TIH from 10000 ft to 11566 ft, wash to bottom 11666 ft.															
0.75		2: Drilling		Rotate w/ Bit #22 From 11666' to 11743' (103"/hr) w/ 30 WOB, 80 Surf RPM, 128.48 Motor RPM. Flaring while drilling ahead with 8.9 ppg in & out. Observe condensate at the flare line and pit increasing.															
0.50		22: Well Control		Shut in well, observe 151 psi on casing. Discuss with Rig Manager, Ameredev rep on rigsite, MPD RTDC, Control Room and Ameredev Management regarding plan forward. Crew Safety Meeting.															
3.00		5: Cond. Mud & Circ		Circulate with 330 gpm, 1300 psi on DP, 8.9 ppg in & out holding backpressure with MPD, rotating 10 rpm. ECD on bottom 10.1 ppg EMM. Circulate B/U and with 4-6' flare the whole time.															
0.50		2: Drilling		Rotate w/ Bit #23 From 11743' to 11771' (56"/hr) w/ 30 WOB, 80 Surf RPM, 128 Motor RPM.															
24.00				No Accidents, Spills or Inspections to report															
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD			
1		12 1/4" Bit		2.00		1 MRLU/RDMO		0.00		81.00									
1		Leam		37.00		2: Drilling		5.75		252.50		Depth		Dev.		Az.			
1		8" Float Sub		3.00		3: Washing/Reaming		0.00		2.75		6,249		0.85		252			
1		12" JBS Stabilizer (RFF)		7.00		4: Lost Circulation		0.00		0.00		6,344		0.79		251			
1		8" UBHO		3.00		5: Cond. Mud & Circ		3.00		36.75		6,438		0.75		250			
1		8" NMDC		31.00		6: Tripping		12.00		241.75		6,532		0.56		258			
1		8" Pony		13.00		7: Lubricate Rig		0.25		6.00		6,626		0.46		273			
6		8" Steel DC		176.00		8: Rig Repair		0.00		23.00		6,720		0.41		297			
1		XO 6 5/8" Reg PN x 1 1/2" IF BX		4.00		9: Cut Drlg Line		1.00		5.00		6,814		0.48		311			
15		6.5" Steel DC		455.00		10: Deviation Survey		0.00		0.00		6,911		0.55		325			
24		5" HWOP		726.00		11: Wireline Logging		0.00		50.25		7,006		0.55		344			
						12: Run Casing		0.00		64.50		7,101		0.68		21			
						13: Cement Casing		0.00		32.25		7,171		0.92		33			
						14: Wait On Cement		0.00		20.00		7,255		1.22		53			
						15: NU BOP's		0.00		95.00		7,349		1.42		38			
						16: Test BOP's		0.00		18.50		7,443		1.55		53			
						17: Plug Back		0.00		0.00		7,538		1.30		46			
						18: Squeeze Cmt		0.00		0.00		7,632		1.41		54			
						19: Fishing		0.00		42.75		7,727		1.79		47			
						20: Directional Work		1.00		23.50		7,821		1.48		61			
						21: Weather		0.00		0.00		7,915		1.68		56			
						22: Well Control		1.00		8.00		8,009		1.88		77			
						23: Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth			
						24: Drill Cmt / Shoe Test		0.00		5.75		DAY DRILLING FOREMAN		CELL PHONE NUMBER					
						25: Jet & Clean Pits		0.00		0.00		Hesston Cheatwood		[REDACTED]					
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		NIGHT DRILLING FOREMAN		CELL PHONE NUMBER					
219		DP		5		19.5		5-135		6903.28		Marcus Jenkins		[REDACTED]					
												AMEREDDEV PERSONELL							
												DRILLING SUPERINTENDENT		JT Wilkerson					
												DRILLING ENGINEER		Diego Barreda / John Zabaldano					
												DAY CONTROL ROOM SUP		Chris Huff					
												NIGHT CONTROL ROOM SUP		Andy Slusarchuk					
Cost Input																			
Cost Type		Charge		Code		Description				Vendor		Unit Cost		Quantity		Cost			
8500		0.094		SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC				1.0					
8500		0.094		SUPERVISION / CONTRACT		Andy Slusarchuk/ Chris Huff				Rusco Operating LLC				1.0					
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer, 3 Light Plants				Hoppe's Construction LLC				1.0					
8500		0.024		SURFACE RENTALS		Internet & Intercoms				versat Communications LLC				1.0					
8500		0.024		SURFACE RENTALS		Forklift				Boland Field Services LLC				1.0					
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services				1.0					
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc				1.0					
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc				1.0					
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason				1.0					
8500		0.01		DRILLING RIG		Citadel Rig #3				Citadel Drilling				1.0					
8500		0.024		SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC				1.0					
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC				1.0					
8500		0.124		TY AND EMERGENCY RESPON		H2s Compliance Package				merican Safety Services, In				1.0					
8500		0.066		IDS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC				1.0					
8500		0.198		MUD LOGGING		Mud Logging Service				okstone Analytics Mud Logg				1.0					
8500		0.024		SURFACE RENTALS		Minion Tank				Think Tank				1.0					
8500		0.03		DOWNHOLE RENTALS		(12) 8" Drill Collars				Platinum Pipe Rentals LLC				1.0					
8500		0.048		LI CONTROL EQUIP / SERV		Rotating Head & MPD				Opla				1.0					
8500		0.032		DIRECTIONAL DRILLING		MWD Daily cost				Halliburton Energy Services				1.0					
8500		0.06		D. ADDITIVES, AND CHEMIC		Mud additives & drively mud check				Halliburton Energy Services				1.0					
8500		0.024		SURFACE RENTALS		500 BBL Mixing Tank				McAda Drilling Fluids Inc.				1.0					
8500		0.03		DOWNHOLE RENTALS		Motors Leam				Leam				1.0					
8500		0.03		DOWNHOLE RENTALS		Motors NOV				National Oilwell Varco				1.0					
8500		0.028		DRILL BITS		12 1/4" bit Ulterra SPL616 #48751				Ulterra Drilling Technologie				1.0					
8500																\$ -			
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Ameredev LLC																	Report # 48	
Morning Drilling Report																		
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Tue, February 9, 2021					
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS		
		12/27/2020	44									11.855	11.855	84	67	1		
Current Operation				TIH with 12 1/4" bit, motor & new MWD				Next 24 Hours				TIH and Drill 12 1/4" hole						
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size
Surface	24			1,383		1,383												26
Intermediate	20" N-80 133# BTC			0		3.412		NeoCam	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22
Intermediate	13.625" Q-125 88.2# BTC			0		7.150		12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/2550.35		17 1/2
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI				
Wolfcamp						S,356			30		30		30					
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP			
5.0	6.500			#VALUE!	#VALUE!						7,150		9.0		74			
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE		
4.19	6.0			96	4.19	6.0		96					804			3,200		
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
8.8	8.8	29.0	29.0	1.0	4.0	1.0	2.0	100.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM							
7.00	0.20	0.05	0.20	19000.00	1000.00	0.00	96.70	0.00	0.00	0.00	0.00							
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
22	0	12 1/4"	Ultrara	SPL616	48751	14	14	14	14	14	14	14	15	15	0	1.3975		
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
2/8/2021 1:15	2/8/2021 7:30	11666	11855	30.00	80.00	6.25	75.6	2.5	1	8	WT	T	X	I	RO	Reason Of Non-Completion		
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
23	0	12 1/4"	Halliburton	GT65 DCHE	1305723	16	16	16	16	16	16				0	#VALUE!		
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
		0						0										
FUEL DELIVERED				3,815	FUEL USED TODAY		1,326	MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL			FRESH WATER		
FUEL ON HAND				9,410	TOTAL FUEL USED		74,188	Gel		Mica	ABO	DAILY SOLIDS			0	OWNER		
PICKUP WT.				284	AVG. DRAG		15	Poly Plus		Quick Thin	PolyPac UI	TOTAL SOLIDS			0	DAILY BBLs	0	
ROTATING WT.				276	MAX. DRAG		18	Caustic		Soda Ash	Gelex	DAILY DISPOSAL COSTS				CUM BBLs	0	
SLACKOFF WT.				259	TQ. ON BTM		22,000	Bar		Lime	Tackle	DAILY LIQUIDS			0			
BHA HOURS				3	TQ OFF BTM		12,000	Pac-R		Alum Ster	Cost	TOTAL LIQUIDS			0			
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )														
0.25		27: Other		Safety Meeting/Crew Handover.														
1.25		2: Drilling		Rotate w/ Bit #22 From 11771' to 11855' (67"/hr) w/ 30 WOB, 80 Surf RPM, 128 Motor RPM.														
2.50		5: Cond. Mud & Circ		Circulate to Raise Vis, Dump and Dilute to cut MW to 8.5 ppg.														
3.25		6: Tripping		Check for Flow, Trip out of the hole from 11,855' to 7,095'. Pull Wet and Fill Back Side with 25bbls of 12.1ppg.														
0.50		22: Well Control		Remove Rotating Head/Install Trip Nipple.														
3.25		6: Tripping		Check for Flow. (No Flow) Trip out of the Hole from 7,095' to BHA.														
1.00		6: Tripping		Continue TOH with 12 1/4" bit and rack DC's.														
0.25		27: Other		Safety Meeting/Crew Handover.														
2.25		6: Tripping		Drain motor, change out float in stabilizer. Break bit, lay down mud motor and bit. Observe rubber inside bit. Magnets with 2dbs metal.														
3.00		6: Tripping		TIH with 12 1/4" bit and BHA #24 to 3000 ft. test MWD, continue TIH to 6000 ft.														
0.50		10: Deviation Survey		MWD failed to test, trouble shoot, failed to test.														
0.50		6: Tripping		Well appears to be flowing, shut in, observe 0 psi SICP. Pump 20 Bbls 12.5 ppg down DP & displace surface equipment. Fill TT with 25 Bbls 12.5 ppg, followed by 8.8 ppg.														
4.00		6: Tripping		POOH F/ 6000' T/ Surface watching displacement on trip tank. Hole taking proper fill.														
1.00		20: Directional Work		C/O MWD tools and surface test (Good)														
0.50		6: Tripping		TIH with 12 1/4" bit and BHA #24 to 700 ft														
24.00				No Accidents, Spills or Inspections to report														
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD				
1	12 1/4" Bit			2.00		1 MIRU/RDMO		0.00	81.00									
1	LEAM 8" 7/8 5.9 FBH 1.25" W/ 11.75 NBS			37.00		2 Drilling		1.25	253.75	Depth	Dev.	Azi.	TVD	VS	DLS			
1	8" Float Sub			3.00		3 Washing/Reaming		0.00	2.75	6,249	0.85	252	6,246	100.03	0.02			
1	12" IBS Stabilizer (BFF)			7.00		4 Lost Circulation		0.00	0.00	6,344	0.79	251	6,341	98.84	0.06			
1	8" UBHO			3.00		5 Cond. Mud & Circ		2.50	39.25	6,438	0.75	250	6,435	97.72	0.05			
1	8" NMDC			31.00		6 Tripping		17.75	259.50	6,532	0.56	258	6,529	96.79	0.22			
1	8" Pony			13.00		7 Lubricate Rig		0.00	6.00	6,626	0.46	273	6,623	96.17	0.18			
6	8" Steel DC			176.00		8 Rig Repair		0.00	23.00	6,720	0.41	297	6,717	95.84	0.20			
1	XO 6 5/8" Reg PN x 1 1/2" IF BX			4.00		9 Out Drlg Line		0.00	5.00	6,814	0.48	311	6,811	95.73	0.13			
15	6.5" Steel DC			455.00		10 Deviation Survey		0.50	0.50	6,911	0.55	325	6,908	95.81	0.15			
24	5" HWDP			726.00		11 Wireline Logging		0.00	50.25	7,006	0.55	344	7,003	96.14	0.19			
						12 Run Casing		0.00	64.50	7,101	0.68	21	7,098	96.90	0.43			
						13 Cement Casing		0.00	32.25	7,171	0.92	33	7,168	97.84	0.41			
						14 Wait On Cement		0.00	20.00	7,255	1.22	53	7,252	99.39	0.57			
						15 NU BOP's		0.00	95.00	7,349	1.42	38	7,346	101.53	0.43			
						16 Test BOP's		0.00	18.50	7,443	1.55	53	7,440	103.94	0.43			
						17 Plug Back		0.00	0.00	7,538	1.30	46	7,535	106.28	0.32			
						18 Squeeze Cmt		0.00	0.00	7,632	1.41	54	7,629	108.49	0.22			
						19 Fishing		0.00	42.75	7,727	1.79	47	7,724	111.12	0.45			
						20 Directional Work		1.00	24.50	7,821	1.48	61	7,818	113.74	0.54			
						21 Weather		0.00	0.00	7,915	1.68	56	7,912	116.24	0.26			
						22 Well Control		0.50	8.50	8,009	1.88	77	8,006	118.87	0.72			
						23 Waiting-Orders/Equip		0.00	0.00	Planned VS		feet @		azimuth				
						24 Drill Cmt / Shoe Test		0.00	5.75	DAY DRILLING FOREMAN		CELL PHONE NUMBER						
						25 Jet & Clean Pits		0.00	0.00	Hesston Cheatwood								
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER						
219	DP	5	19.5	S-19S	6903.28	27 Other		0.50	48.25	Marcus Jenkins								
						28 Other		0.00	13.75	AMEREDDEV PERSONELL								
						29 Other		0.00	0.00	DRILLING SUPERINTENDENT		JT Wilkerson						
						30 Other		0.00	0.00	DRILLING ENGINEER		Diego Barreda / John Zabaldano						
						31 Other		0.00	0.00	DAY CONTROL ROOM SUP		Chris Huff						
					Total Depth	11855.00	TOTALS	24.00	1149.25	NIGHT CONTROL ROOM SUP		Andy Siusarchuk						
Cost Input																		
Cost Type	Charge	Code			Description			Vendor			Unit Cost	Quantity	Cost	Carry Over				
8500	0.094	SUPERVISION / CONTRACT			Hesston Cheatwood/Marcus Jenkins			Rusco Operating LLC				1.0		Yes				
8500	0.094	SUPERVISION / CONTRACT			Andy Siusarchuk/ Chris Huff			Rusco Operating LLC				1.0		Yes				
8500	0.024	SURFACE RENTALS			Trash trailer 2 Porta pots, Water and Septic for office trailer, 3 Light Plants			Hoppe's Construction LLC				1.0		Yes				
8500	0.024	SURFACE RENTALS			Internet & Intercoms			wersat Communications US				1.0		Yes				
8500	0.024	SURFACE RENTALS			Forklift			Boland Field Services LLC				1.0		Yes				
8500	0.024	SURFACE RENTALS			14 x Flat bottom Frac tanks			Blueprint Oilfield Services Inc				1.0		Yes				
8500	0.024	SURFACE RENTALS			4 Sets of pipe Bolsters			Divine Energy Services Inc				1.0		Yes				
8500	0.024	SURFACE RENTALS			4 Sets of pipe racks			Divine Energy Services Inc				1.0		Yes				
8500	0.024	SURFACE RENTALS			PVT/Chokes \$477 plus \$70 on days with gas detection			Pason				1.0		Yes				
8500	0.01	DRILLING RIG			Citadel Rig #3			Citadel Drilling				1.0		Yes				
8500	0.024	SURFACE RENTALS			1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank			Johnso Specialty Tools LLC				1.0		Yes				
8500	0.024	SURFACE RENTALS			Diverter Line, Drive over & Igniter			Iron Horse Tools LLC				1.0		Yes				
8500	0.124	TY AND EMERGENCY RESP			H2s Compliance Package			American Safety Services, In				1.0		Yes				
8500	0.065	DS CONTROL EQUIP / SERV			Solid Control Equipment and Hands			KSW Oilfield Rental LLC				1.0		Yes				
8500	0.198	MUD LOGGING			Mud Logging Service			ckstone Analytics Mud Logg				1.0		Yes				
8500	0.024	SURFACE RENTALS			Minion Tank			Think Tank				1.0		Yes				
8500	0.03	DOWNHOLE RENTALS			(12) 8" Drill Collars			Platinum Pipe Rentals LLC				1.0		Yes				
8500	0.048	LL CONTROL EQUIP / SERV			Rotating Head & MPD			Opla				1.0		Yes				
8500	0.032	DIRECTIONAL DRILLING			MWD Daily cost			Halliburton Energy Services				1.0		Yes				
8500	0.06	D, ADDITIONAL, AND CHEMIC			Mud additives & driveby mud check			Halliburton Energy Services				1.0		Yes				
8500	0.024	SURFACE RENTALS			500 BBL Mixing Tank			McAda Drilling Fluids Inc				1.0		Yes				
8500	0.03	DOWNHOLE RENTALS			Motors Leam			Leam				1.0		Yes				
8500	0.03	DOWNHOLE RENTALS			Motors NOV			National Oilwell Varco				1.0		Yes				
8500	0.326	TRANSPORTATION			Truck to deliver gaskets for flareline and new 90's			Iron Horse Tools LLC				1.0		No				
8500	0.016	FUEL			7200 Gallons Dyed Diesel for Rig Tank			Sun Coast Resources Inc				1.0		No				
8500	0.074	NG / LINER / FLOAT EQUIPM			Forklift to offload 9 5/8" casing and trucking cost			B&L Pipeco Services Inc				1.0		No				
8500	0.028	DRILL BITS			12 1/4" bit GT65DCHE #13059723			Halliburton Energy Services				1.0		No				
8500														\$	-			
8500														\$	-			
8500														\$	-			
8500														\$	-			
8500														\$	-			
8500														\$	-			
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Ameredev LLC																				Report # 49			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Wed, February 10, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		45										12,400		12,400		545		40		1A	
Current Operation				Change out Rotating head rubber.								Next 24 Hours				Change out rotating head rubber, Drill 12 1/4" hole							
Type	Casing Specs			Top TMD	Blm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35		17 1/2							
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI			
Wolfcamp								5,356		30		30		30		30		30		30			
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA	COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD			FRAC GRADIENT MW			MAX. ALLOWABLE SICP					
5.0	6.500			#VALUE!	#VALUE!							7,150			9.0			74					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS			PUMP PRESSURE				
4.19	6.0			12	96	6.0			12	96	6.0			14	804				3,200				
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
8.8	8.8	29.0	29.0	1.0	4.0			100.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM												
7.00	0.20	0.05	0.20	19000.00	1000.00	0.00	96.70	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
22	0	12 1/4"	Ultrara	SPL616	48751	14	14	14	14	14	14	14	15	15	0	1.3975							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
2/8/2021 1:15	2/8/2021 7:30	11666	11855	30.00	80.00	6.25	75.6	2.5	1	8	WT	T	X	I	RO	Reason Of Non-Completion							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
23	0	12 1/4"	Halliburton	GT65 DCHE	1305723	16	16	16	16	16	16	16	16	16	0	#VALUE!							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
2/9/2021 13:00	2/10/2021 5:30	11855	12372	28.33	33.33	16.5	37.6	13.75															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
0				1,448																			
FUEL ON HAND				TOTAL FUEL USED				Gel				Mica				ABO							
7,962				75,636				Poly Plus				Quick Thin				PolyPac UI							
PICKUP WT.				AVG. DRAG				15				Soda Ash				Gelex							
284				18				Caustic				Tackle				Cost							
ROTATING WT.				MAX. DRAG				18				DAILY DISPOSAL COSTS				DAILY LIQUIDS							
276				22,000				Bar				0				0							
SLACKOFF WT.				TQ. ON BTM				22,000				Lime				DAILY LIQUIDS							
259				22,000				Bar				0				0							
BHA HOURS				TQ OFF BTM				12,000				Alum Ster				TOTAL LIQUIDS							
3								Pac-R															
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
6:50 6: Tripping																							
0:50 22: Well Control																							
1:00 2: Drilling																							
3:00 2: Drilling																							
0:50 7: Lubricate Rig																							
0:50 2: Drilling																							
0:25 27: Other																							
1:00 2: Drilling																							
0:25 8: Rig Repair																							
0:50 8: Rig Repair																							
1:00 8: Rig Repair																							
0:25 8: Rig Repair																							
8:25 2: Drilling																							
0:50 27: Other																							
24:00																							
No Accidents, Spills or Inspections to report																							
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD									
1	12 1/4" Bit			2.00		1 MIRU/ROMO		0.00	81.00														
1	LEAM 8" 7/8 5.9 FBH 1.25" W/ 11.75 NBS			37.00		2 Drilling		13.75	267.50	Depth		Dev.		Azi.		TVD		VS		DLS			
1	8" Float Sub			3.00		3 Washing/Reaming		0.00	2.75	6,249		0.85		252		6,246		100.03		0.02			
1	12" IBS Stabilizer (BFF)			7.00		4 Lost Circulation		0.00	0.00	6,344		0.79		251		6,341		98.84		0.06			
1	8" UBHO			3.00		5 Cond. Mud & Circ		0.00	39.25	6,438		0.75		250		6,435		97.72		0.05			
1	8" NMDC			31.00		6 Tripping		6.50	266.00	6,532		0.56		258		6,529		96.79		0.22			
1	8" Pony			13.00		7 Lubricate Rig		0.50	6.50	6,626		0.46		273		6,623		96.17		0.18			
6	8" Steel DC			176.00		8 Rig Repair		2.00	25.00	6,720		0.41		297		6,717		95.84		0.20			
1	XO 6 5/8" Reg PN x 1 1/2" IF BX			4.00		9 Cut Drlg Line		0.00	5.00	6,814		0.48		311		6,811		95.73		0.13			
15	6.5" Steel DC			455.00		10 Deviation Survey		0.00	0.50	6,911		0.55		325		6,908		95.81		0.15			
24	5" HWDP			726.00		11 Wireline Logging		0.00	50.25	7,006		0.55		344		7,003		96.14		0.19			
						12 Run Casing		0.00	64.50	7,101		0.68		21		7,098		96.90		0.43			
						13 Cement Casing		0.00	32.25	7,171		0.92		33		7,168		97.84		0.41			
						14 Wait On Cement		0.00	20.00	7,255		1.22		53		7,252		99.39		0.57			
						15 NU BOP's		0.00	95.00	7,349		1.42		38		7,346		101.53		0.43			
						16 Test BOP's		0.00	18.50	7,443		1.55		53		7,440		103.94		0.43			
						17 Plug Back		0.00	0.00	7,538		1.30		46		7,535		106.28		0.32			
						18 Squeeze Cmt		0.00	0.00	7,632		1.41		54		7,629		108.49		0.22			
						19 Fishing		0.00	42.75	7,727		1.79		47		7,724		111.12		0.45			
						20 Directional Work		0.00	24.50	7,821		1.48		61		7,818		113.74		0.54			
						21 Weather		0.00	0.00	7,915		1.68		56		7,912		116.24		0.26			
						22 Well Control		0.50	9.00	8,009		1.88		77		8,006		118.87		0.72			
						23 Waiting-Orders/Equip		0.00	0.00	Planned VS		feet @		azimuth									
						24 Drill Cmt / Shoe Test		0.00	5.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER									
						25 Jet & Clean Pits		0.00	0.00	Hesston Cheatwood				CELL PHONE NUMBER									
Joints:	DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER									
219	DP	5	19.5	S-135	6903.28	27 Other		0.75	49.00	Marcus Jenkins													
						28 Other		0.00	13.75	AMEREDDEV PERSONELL													
						29 Other		0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson									
						30 Other		0.00	0.00	DRILLING ENGINEER				Diego Barrera / John Zabaldano									
						31 Other		0.00	0.00	DAY CONTROL ROOM SUP				Chris Huff									
						TOTALS		24.00	1173.25	NIGHT CONTROL ROOM SUP				Andy Sasarchuk									
Cost Input																							
Cost Type	Charge	Code			Description				Vendor	Unit Cost	Quantity	Cost	Carry Over										
8500	0.094	SUPERVISION / CONTRACT			Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC		1.0		Yes										
8500	0.094	SUPERVISION / CONTRACT			Andy Slusarchuk/ Chris Huff				Rusco Operating LLC		1.0		Yes										
8500	0.024	SURFACE RENTALS			Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC		1.0		Yes										
8500	0.024	SURFACE RENTALS			Internet & Intercoms				versat Communications US		1.0		Yes										
8500	0.024	SURFACE RENTALS			Forklift				Boland Field Services LLC		1.0		Yes										
8500	0.024	SURFACE RENTALS			14 x Flat bottom Frac tanks				Blueprint Oilfield Services		1.0		Yes										
8500	0.024	SURFACE RENTALS			4 Sets of pipe Bolsters				Divine Energy Services Inc		1.0		Yes										
8500	0.024	SURFACE RENTALS			4 Sets of pipe racks				Divine Energy Services Inc		1.0		Yes										
8500	0.024	SURFACE RENTALS			PVT/Chokes \$477 plus \$70 on days with gas detection				Pason		1.0		Yes										
8500	0.01	DRILLING RIG			Citadel Rig #3				Citadel Drilling		1.0		Yes										
8500	0.024	SURFACE RENTALS			1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC		1.0		Yes										
8500	0.024	SURFACE RENTALS			Diverter Line, Drive over & Igniter				Iron Horse Tools LLC		1.0		Yes										
8500	0.124	TY AND EMERGENCY RESP			Hzs Compliance Package				American Safety Services, In		1.0		Yes										
8500	0.066	DS CONTROL EQUIP / SERV			Solid Control Equipment and Hands				KSW Oilfield Rental LLC		1.0		Yes										
8500	0.198	MUD LOGGING			Mud Logging Service				ckstone Analytics Mud Logg		1.0		Yes										
8500	0.024	SURFACE RENTALS			Minion Tank				Think Tank		1.0		Yes										
8500	0.03	DOWNHOLE RENTALS			(12) 8" Drill Collars				Platinum Pipe Rentals LLC		1.0		Yes										
8500	0.048	LL CONTROL EQUIP / SERV			Rotating Head & MPD				Opla		1.0		Yes										
8500	0.032	DIRECTIONAL DRILLING			MWD Daily cost				Halliburton Energy Services		1.0		Yes										
8500	0.06	D, ADDITIVES, AND CHEMIC			Mud additives & driveby mud check				Halliburton Energy Services		1.0		Yes										
8500	0.024	SURFACE RENTALS			500 BBL Mixing Tank				McAda Drilling Fluids Inc.		1.0		Yes										
8500	0.03	DOWNHOLE RENTALS			Motors Leam				Leam		1.0		Yes										
8500	0.03	DOWNHOLE RENTALS			Motors NOV				National Oilwell Varco		1.0		Yes										
8500	0.326	TRANSPORTATION			Backhaul 2 dirty motors and x-over sub				PAJUAL Enterprise LLC		1.0		No										
8500	0.326	TRANSPORTATION			Deliver 8" DC's from shop to location				PAJUAL Enterprise LLC		1.0		No										
8500	0.326	TRANSPORTATION			Haul off misc. downhole tools				PAJUAL Enterprise LLC		1.0		No										
8500	0.072	CEMENTING			13 5/8" Cement cost updated from invoice reconciliation				Halliburton Energy Services		1.0		No										
8500																							
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Ameredev LLC																				Report # 50																			
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, February 11, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																	
		12/27/2020		46										12,502		12,502		102		19		6																	
Current Operation				TOH with 12 1/4" bit and motor assembly for bit ROP				Next 24 Hours				TOOH, C/O BHA, TH, Drill 12 1/4" section to plan.																											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size											
Surface		24		1,383		1,383												410		14.80000		1.33000		0		635 / 410		26											
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem												22											
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/250.35				17 1/2											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Wolfcamp								S-356		30		30		30		30		30		30																			
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																			
5.0		6.500						#VALUE!		#VALUE!						7,150		9.0		74																			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
4.19		6.0		12		96		4.19		6.0		12		96		6.0		804				3,200																	
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT							
8.8		8.8		29.0		29.0		1.0		4.0		1.0		1.0		100.0		0.0		0.0		0.0		0.0		2.2		0.0		0.0		0.0							
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM																	
7.00		0.20		0.05		0.20		19000.00		1000.00		0.00		96.70		0.00		0.00		0.00		0.00																	
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
22		0		12 1/4"		Ulterra		SPL616		48751		14		14		14		14		14		14		14		15		15		0		1.3975							
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
2/8/2021 1:15		2/8/2021 7:30		11666		11855		30.00		80.00		6.25		75.6		2.5		1		8		WT		T		X		I		RO		Reason of Downhole Issues							
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
23		0		12 1/4"		Halliburton		GT65 DCHE		1305723		16		16		16		16		16		16		16		16		0		JET #10		TFA							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
2/9/2021 13:00		2/10/2021 23:30		11855		12502		30.00		32.22		34.5		33.6		19.25																							
FUEL DELIVERED				0				FUEL USED TODAY				0				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER															
FUEL ON HAND				7,962				TOTAL FUEL USED				75,636				Gel				Mica				ABO				DAILY SOLIDS				OWNER							
PICKUP WT.				284				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0							
ROTATING WT.				276				MAX. DRAG				18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs				0			
SLACKOFF WT.				259				TQ. ON BTM				22,000				Bar				Lime				Tackle				DAILY LIQUIDS				0							
BHA HOURS				20				TQ. OFF BTM				12,000				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0							
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
0.25		27: Other		Safety Meeting with Rig Manager, Crew, Ameredev rep and CR.																																			
2.00		2: Drilling		Rotate w/ Bit #23 From 12372' to 12427' (28"ft/hr) w/ 30 WOB, 30 Surf RPM, 88 Motor RPM. Reduced parameters due to Rig Generator #3 down.																																			
0.25		22: Well Control		Shut in well. Safety Stand down to discuss upcoming Atoka Formation.																																			
1.75		5: Cond. Mud & Circ		Circulate & reciprocate while increasing mud weight from 8.8 ppg 400 gpm, 1150 psi and 10 rpm with 11k ft/lbs torque.																																			
0.75		2: Drilling		Rotate w/ Bit #23 From 12427' to 12434' (9"ft/hr) w/ 30 WOB, 30 Surf RPM, 72 Motor RPM. With MPD holding 280 psi back pressure.																																			
7.00		5: Cond. Mud & Circ		Circulate & reciprocate while increasing mud weight from 8.8 ppg 400 gpm, 1150 psi and 10 rpm with 11k ft/lbs torque.																																			
0.25		27: Other		Safety Meeting with Rig Manager, Crew, Ameredev rep and CR.																																			
2.50		5 Cond. Mud & Circ		Continue circulate & reciprocate while increasing mud weight from 8.8 ppg 400 gpm, 1150 psi and 10 rpm with 11k ft/lbs torque. Check mud weight with pressurized mud balance, observe actual mud weight in 10.8 ppg and mud weight out 9.8 ppg.																																			
2.75		2: Drilling		Rotate w/ Bit #23 From 12434' to 12502' (25"ft/hr) w/ 40 WOB, 30 Surf RPM, 96 Motor RPM. Treating mud to obtain consistent weight, estimate average 9.9 ppg. Bit ROP dropped off below 30 ft/hr.																																			
0.50		22: Well Control		Pull off bottom to 12,463 ft. shut in well and observe 150 psi SICP.																																			
2.00		5: Cond. Mud & Circ		Circulate & reciprocate with 9.9 ppg at 586 gpm, 1971 psi and 10 rpm with 11k ft/lbs torque while weighting up 500 Bbls pre-mix to 13 ppg for mud cap. Opla MPD with open chokes and 44 psi friction pressure. No flare. All mud weights taken with pressurized mud balance.																																			
0.50		5 Cond. Mud & Circ		Pump 250 Bbls 13.0 ppg mud cap, displace with 131 Bbls 9.9 ppg leaving 180 Bbls 13 ppg in annulus and 70 Bbls inside DP.																																			
3.50		6 Tripping		POOH f/ 12,463' f/ 7043'. Monitoring displacement on trip tank. Hole taking proper fill. Flow check wellbore @ shoe.																																			
</																																							



Ameredev LLC																				Report # 51										
Morning Drilling Report																														
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, February 12, 2021																
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS								
		12/27/2020		47										12,549		12,549		47		21		2								
Current Operation				Drill 12 1/4" hole with motor assembly								Next 24 Hours				Drill 12 1/4" hole to section TD 13,334 ft MD														
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size														
Surface	24			1,383	1,383											26														
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22														
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/2350.35		17 1/2														
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																		
Wolfcamp				4,459		6,538	30		30		30																			
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA	#VALUE!	COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP															
5.0	6.500			113							7,150		10.8		335															
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE															
4.19	6.0		12	4.19	6.0		0					502			1,873															
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT														
9.9	9.9		34.0	5.0	7.0	5.0	6.0	70.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0														
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	E5	LCM																			
7.00	0.20	0.05	0.20	18000.00	1600.00	0.00	96.70	0.00	0.00	0.00	0.00																			
PREV BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
23	0	12 1/4"	Halliburton	GT65 DCHE	1305723	16	16	16	16	16	16				0	#VALUE!														
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
2/9/2021 13:00	2/10/2021 23:30	11855	12502	30.00	32.22	34.5	33.6	19.25	6	3	RO	C	X	I	BT	None Of Particular Interest														
CUR. BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
24	0	12 1/4"	Halliburton	GT65DMHEO H	13308984	15	15	15	1A	1A	14	14	14	14	0	1.4197														
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
2/11/2021 22:45	2/12/2021 5:00	12502	12549	19.33	60.00	6.25	20.9	2.25																						
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER														
FUEL ON HAND				TOTAL FUEL USED								DAILY SOLIDS				OWNER														
PICKUP WT.				AVG. DRAG								TOTAL SOLIDS				DAILY BBLs														
ROTATING WT.				MAX. DRAG								DAILY DISPOSAL COSTS				CUM BBLs														
SLACKOFF WT.				TQ. ON BTM								DAILY LIQUIDS				TOTAL LIQUIDS														
BHA HOURS				TQ. OFF BTM								DAILY LIQUIDS				TOTAL LIQUIDS														
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																						
6.00				6: Tripping				Flow check. Static. TOOH F/ 7044' T/ 1695'. Pull rotating head. Continue to TOOH F/ 1695' T/ BHA																						
2.00				20: Directional Work				Back back drill collars, drain mud motor, change out bit (HAL 650DMHEO), and surface test mwdg; good test.																						
3.50				6: Tripping				THH with 12 1/4" bit and motor assembly from BHA to 7000 ft.																						
0.25				6: Tripping				Install rotating head element.																						
1.00				9: Cut Drig Line				Slip & cut drilling line, observe well static.																						
2.75				6: Tripping				Continue THH from 7000 ft to 11,500 ft, (1/2 way through the 13 ppg mud cap). Establish circulation staging up pumps to 450 gpm with no losses.																						
0.50				6: Tripping				Change out leaking rotating head.																						
0.75				6: Tripping				Continue THH through MPD fully open chokes from 11500 ft to 12400 ft, wash down to bottom at 12502 ft.																						
1.25				2: Drilling				Rotate w/ Bit #24 From 12502' to 12529' (22'ft/hr) w/ 20 WOB, 60 Surf RPM, 80 Motor RPM. Drill ahead while flaring well holding 250 psi back pressure. Observe excessive condensate at flare.																						
1.75				5: Cond. Mud & Circ				Circulate at reduced rate due to excessive condensate at flare, reduce in stages from 500 gpm down to 250 gpm, hold 300 psi backpressure with MPD to control flare and condensate. Circulating active system mud ranging from 9.9 ppg to 10.7 ppg. (Mud cap was 250 Bbls of 13 ppg). Weight up Pre-mix tank 450 Bbls of 12.2 ppg.																						
0.75				2: Drilling				Rotate w/ Bit #24 From 12529' to 12544' (20'ft/hr) w/ 18 WOB, 60 Surf RPM, 96 Motor RPM.																						
2.25				5: Cond. Mud & Circ				Circulate at 400 GPM on Pump #1. C/O valve and seat on pump #2. Scalper tank pump not working. Holding 250psi backpressure with MPD. Started losing volume in pits. Opened MPD up and able to stop losing. Isolate Suction pit 2 and add 150 bbls of mud from pre-mix and dilute to 9.8ppg to add volume to pits.																						
0.25				2: Drilling				Rotate w/ Bit #24 From 12544' to 12549' (20'ft/hr) w/ 20 WOB, 60 Surf RPM, 89.6 Motor RPM.																						
0.75				7: Lubricate Rig				PDOH 2 stands and work on mud pumps while monitoring. Both mud pumps have washed valve and seat.																						
0.25				3: Washing/Reaming				THH 2 stands and bring pump #1 back online. (Good). resync MWD tool (Good).																						
24.00				No Accidents, Spills or Inspections to report.																										
CITY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD														
1		12 1/4" Bit		2.00		1 MIRD/RDMO		0.00		81.00																				
1		LEAM 8" 7/8 5.9 FBH 1.25" W/ 11.75 NBS		37.00		2 Drilling		2.25		275.25		Depth		Dev.		Azi.		TVD												
1		8" Float Sub		3.00		3 Washing/Reaming		0.25		3.00		6,249		0.85		252		6,246												
1		12" IBS Stabilizer (BFF)		7.00		4 Lost Circulation		0.00		0.00		6,344		0.79		251		6,341												
1		8" UBHO		3.00		5 Cond. Mud & Circ		4.00		57.00		6,438		0.75		250		6,435												
1		8" NMDC		31.00		6 Tripping		13.75		283.25		6,532		0.56		258		6,529												
1		8" Pony		13.00		7 Lubricate Rig		0.75		7.25		6,626		0.46		273		6,623												
6		8" Steel DC		176.00		8 Rig Repair		0.00		25.00		6,720		0.41		297		6,717												
1		XO 6 5/8" Reg PN x 1 1/2" IF BX		4.00		9 Cut Drig Line		1.00		6.00		6,814		0.48		311		6,811												
15		6.5" Steel DC		455.00		10 Deviation Survey		0.00		0.50		6,911		0.55		325		6,908												
24		5" HWDP		726.00		11 Wireline Logging		0.00		50.25		7,006		0.55		344		7,003												
						12 Run Casing		0.00		64.50		7,101		0.68		21		7,098												
						13 Cement Casing		0.00		32.25		7,171		0.92		33		7,168												
						14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252												
						15 NU BOP's		0.00		95.00		7,349		1.42		38		7,346												
						16 Test BOP's		0.00		18.50		7,443		1.55		53		7,440												
						17 Plug Back		0.00		0.00		7,538		1.30		46		7,535												
						18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629												
						19 Fishing		0.00		42.75		7,727		1.79		47		7,724												
						20 Directional Work		2.00		26.50		7,821		1.48		61		7,818												
						21 Weather		0.00		0.00		7,915		1.68		56		7,912												
						22 Well Control		0.00		9.75		8,009		1.88		77		8,006												
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth														
						24 Drill Cmt / Shoe Test		0.00		5.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER														
						25 Jet & Clean Pits		0.00		0.00		Diego Barreda																		
Joints		DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN				CELL PHONE NUMBER													
219		DP	5	19.5	5-135	6903.28	27 Other		0.00		49.50		Steven Ridder																	
								28 Other		0.00		13.75		AMEREDDEV PERSONELL																
								29 Other		0.00		0.00		DRILLING SUPERINTENDENT				JT Wilkerson												
								30 Other		0.00		0.00		DRILLING ENGINEER				John Zalazdano												
								31 Other		0.00		0.00		DAY CONTROL ROOM SUP				Chris Huff												
				Total Depth		12549.00	TOTALS		24.00		1221.25		NIGHT CONTROL ROOM SUP				Andy Slusarchuk													
Cost Input																														
Cost Type	Charge	Code		Description				Vendor				Unit Cost	Quantity	Cost	Carry Over															
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC					1.0		Yes															
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk/ Chris Huff				Rusco Operating LLC					1.0		Yes															
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC					1.0		Yes															
8500	0.024	SURFACE RENTALS		Internet & Intercoms				wersat Communications US					1.0		Yes															
8500	0.024	SURFACE RENTALS		Forklift (Catch Up cost). Now \$150/day for 12K Forklift Starting 2-1-21				Boland Field Services LLC					1.0		Yes															
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services Inc					1.0		Yes															
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc					1.0		Yes															
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc					1.0		Yes															
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason					1.0		Yes															
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling					1.0		Yes															
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC					1.0		Yes															
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC					1.0		Yes															
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package				American Safety Services, In					1.0		Yes															
8500	0.066	OS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC					1.0		Yes															
8500	0.138	MUD LOGGING		Mud Logging Service				ckstone Analytics Mud Logg					1.0		Yes															
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank					1.0		Yes															
8500	0.03	DOWNHOLE RENTALS		(12 8") Drill Collars				Platinum Pipe Rentals LLC					1.0		Yes															
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD				Opla					1.0		Yes															
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost				Halliburton Energy Services					1.0		Yes															
8500	0.06	D, ADDITIVES, AND CHEMI		Mud additives & driveby mud check				Halliburton Energy Services					1.0		Yes															
8500	0.024	SURFACE RENTALS		500 BBL Mixing Tank				McAda Drilling Fluids Inc					1.0		Yes															
8500	0.03	DOWNHOLE RENTALS		Motors Leam				Leam					1.0		Yes															
8500	0.03	DOWNHOLE RENTALS		Motors NOV				National Oilwell Varco					1.0		Yes															
8500	0.103	CONTRACT ROUSTABOUT		Roustabouts to assemble secondary flare line				Iron Horse Tools LLC					1.0		No															
8500	0.103	CONTRACT ROUSTABOUT		Roustabouts to install plastic and berm around pre-mix tank				Boland Field Services LLC					1.0		No															
8500	0.028	DRILL BITS		BHA #25 Halliburton GT65DMHEO_H #13308984 Bit 12 1/4"				Halliburton Energy Services					1.0		No															
8500														\$ -																
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Ameredev LLC																				Report # 56																	
Morning Drilling Report																																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																							
INDEPENDENCE AGI #1				[REDACTED]		0		30-025-48081		DRILLING				Wed, February 17, 2021																							
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS															
		12/27/2020		52		[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]		12,300		12,300		0		0		0															
Current Operation				Stripping out to Shoe				Next 24 Hours				Strip out, set mud cap & trip out to run logs.																									
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size									
Surface		24		1,383		1,383												410		14.80000		1.33000		0		635 / 410		26									
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22									
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10.030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2									
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																	
Atoka				4,863		5,227				30		30		30		30		30		30																	
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																	
5.0		6.500						125		#VALUE!						7,150		10.0		223																	
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE															
4.19		6.0		12		132		4.19		6.0		12		0		0		553		1,700																	
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT					
9.4		9.4		34.0		34.0		3.0		6.0		3.0		7.0		60.0		0.0		0.0		0.0		0.0		4.2		0.0		0.0		0.0					
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM															
3.00		0.60		0.20		0.30		16000.00		880.00		0.00		96.70		0.00		0.00		0.00		0.00															
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA					
23		0		12 1/4"		Halliburton		GT65 DCHE		1305723		16		16		16		16		16		16		16		16		16		0		#VALUE!					
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON					
2/9/2021 13:00		2/10/2021 23:30		11855		12502		30.00		32.22		34.5		33.6		19.25		6		3		RO		C		X		I		BT		Reason (if available)					
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA					
24		0		12 1/4"		Halliburton		GT65DM4EO H		13308984		15		15		15		14		14		14		14		14		14		0		1.4197					
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON					
2/11/2021 22:45		2/13/2021 21:45		12502		13187		21.33		57.78		47		27.4		25																					
FUEL DELIVERED				7,338		FUEL USED TODAY		2,271		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				11,582		TOTAL FUEL USED		86,554		Gel		Mica		ABO		DAILY SOLIDS		0		OWNER																	
PICKUP WT.				311		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0		DAILY BBLs		0															
ROTATING WT.				299		MAX. DRAG		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS				CUM BBLs		0															
SLACKOFF WT.				284		TQ. ON BTM		21,000		Bar		Lime		Tackle		DAILY LIQUIDS		0																			
BHA HOURS				30		TQ OFF BTM		11,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0		0																	
HOURS				TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																															
0.75				22: Well Control		Strip in hole 10 stands from 3,806' to 4,752' with 80 psi on MPD.																															
2.25				22: Well Control		At 4,752' stage pumps up through MPD to 300 gpm. Circulate B/U with 10' continuous flare. Observed Mud Weight in 10.1 ppg and 9.9 ppg out. No losses.																															
0.75				22: Well Control		Strip in hole 10 stands from 4,752' to 5,620' with 80 psi on MPD.																															
0.50				22: Well Control		At 5,620' stage up pumps through MPD to 300 gpm and break circulation. No losses observed.																															
0.75				22: Well Control		Strip in hole 10 stands from 5,620' to 6,561' with 80 psi on MPD.																															
2.50				22: Well Control		At 6,561' stage pumps up through MPD to 300 gpm. Circulate B/U with 10' continuous flare. Observed Mud Weight in 9.9 ppg and 9.9 ppg out. No losses.																															
1.00				22: Well Control		Strip in hole from 6,561' to 7,980' with 80 psi on MPD.																															
3.50				22: Well Control		At 7,980' stage pumps up through MPD to 300 gpm. Circulate B/U with 8' continuous flare. Observed Mud Weight in 9.9 ppg and 9.9 ppg out. No losses.																															
1.00				22: Well Control		Strip in hole from 7980' to 10525' with 80 psi on MPD.																															
6.00				22: Well Control		At 10525' stage pumps up through MPD to 300 gpm, then to 500 gpm. Circulate B/U with 10' continuous flare coming down to 5 ft. Observed Mud Weight in 9.9 ppg and 9.9 ppg out. Reduce pump rate due to mud loss, (110 BBLs lost) to 150 gpm holding 300 psi back pressure.																															
2.75				22: Well Control		Circulate through MPD at 150 gpm with 175 psi back pressure, no losses and minimal flare. Shut in well, observe SICP 165 psi. Pump 100 BBLs LCM sweep and displace to shoe.																															
2.25				22: Well Control		Strip out of hole with 12 1/4" bit and motor assembly from 10525 ft to 9,021 ft pumping down top drive holding 200 psi on Tormaton with MPD.																															



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Ameredev LLC																Report # 58					
Morning Drilling Report																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE							
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, February 19, 2021							
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD					
12/27/2020		54										12,300		12,300		0					
Current Operation				Circulating B/U @ 12,500'				Next 24 Hours				Circulate gas, pump LCM pill & weight up mud system.									
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield					
Surface		34		1,383		1,383															
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		HalCem					
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12,219		10,030		4,800		3,191					
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI					
Atoka				4,863		5,227				30				30							
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA. #VALUE!		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD					
5.0		6.500						45								7,150					
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3					
4.19		6.0		12		4.19		6.0		12						201					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE					
9.4		9.4		34.0		34.0		3.0		6.0		3.0		7.0		60.0					
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W					
9.00		0.60		0.20		0.30		16000.00		880.00		0.00		96.70		0.00					
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3					
23		0		12 1/4"		Halliburton		GT65 DCHC		1305723		16		16		16					
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS					
2/9/2021 13:30		2/10/2021 23:30		11855		12502		30.00		32.22		34.5		33.6		19.25					
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3					
24		0		12 1/4"		Halliburton		GT65DANNO H		13308984		15		15		14					
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS					
2/11/2021 22:45		2/13/2021 21:45		12502		13187		21.33		57.78		47		27.4		25					
FUEL DELIVERED				0				FUEL USED TODAY				1,206				MUD ADDITIVES IN LAST 24 HOURS					
FUEL ON HAND				9,290				TOTAL FUEL USED				88,846				SOIL FARMING / MUD DISPOSAL					
PICKUP WT.				311				AVG. DRAG				15				DAILY SOLIDS					
ROTATING WT.				299				MAX. DRAG				18				TOTAL SOLIDS					
SLACKOFF WT.				284				TQ. ON BTM				21,000				DAILY DISPOSAL COSTS					
BHA HOURS				30				TQ OFF BTM				11,000				DAILY LIQUIDS					
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )										TOTAL LIQUIDS			
7.00				22: Well Control				Circulate with 203 gpm holding DP pressure constant with 470 psi through MPD choke, adjust as required to maintain DP pressure constant with 9.9 ppg. Observe flare ranging from 8' foot down to minimal one foot intermittently. Gained 20 BBL when MW dropped to 9.5 ppg. Circulated 9.9 ppg mud until well was balanced.										0			
0.50				22: Well Control				Upon getting heavier 10.1 mud to surface we were trying to maintain 550 psi standpipe pressure with 220 psi SBP on MPD, we started losing circulation. Shut down pumping and work on action plan.										0			
3.75				22: Well Control				At 10500 ft with 12 1/4" bit and motor assembly circulate at 200 gpm, 250 - 360 psi DP pressure through MPD while maintain 7040 psi BHP, observe mud weight in 9.9 ppg and mud weight out 8.4 ppg, flare 4 to 6 ft. On 3rd B/U losing 200 BBLs mud while maintaining DP pressure of 450 psi.										0			
1.75				22: Well Control				Strip into hole from 10500 ft to 12000 ft holding 200 psi back pressure breaking circulation every 5 stands.										0			
7.25				22: Well Control				At 11945 ft, stage up to 400 gpm, hold DP pressure constant, BHP 7030 psi, lost 60 BBLs mud with 9.9 ppg in and 10 ppg out. Reduce from 400 gpm to 150 gpm and continue clean up keeping BHP 7030 psi. When observed 10.1 ppg going in hole, spot Vacuum truck at suction and add water to adjust mud weight down to 9.5 ppg. (fig water lines frozen). Flare ranging from 20 foot flare to 8 ft with up to 11 ppg mud weight out.										0			
0.75				22: Well Control				Shut in well, break off stand to strip in 3 stands, observe mud U-tubing up drill pipe, M/U stand to continue circulating.										0			
0.25				22: Well Control				At 11945 ft pump 10 BBL 15.4 ppg slug, shut in well and check pipe on vacuum. Break off and install Gray Valve on top of stand #112.										0			
0.50				22: Well Control				Strip in to 12,421' holding 200 psi back pressure.										0			
0.25				22: Well Control				Break Circulation with 200 gpm, 200 psi SBP and 150 psi on SBP.										0			
0.25				22: Well Control				Strip in to 12,500' holding 200 psi back pressure.										0			
1.75				22: Well Control				Circulate with 150 gpm holding DP pressure constant at 580 psi through MPD choke, adjust as required to maintain DP pressure constant with 9.9 ppg. Observe 5' flare.										0			



Ameredev LLC																										Report # 59																	
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sat, February 20, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		55										12,300		12,300		0		0		0																					
Current Operation:				Checking to make sure we can pump down drill string.								Next 24 Hours:				Clear drill string and pump LCM. Pull out to set mud cap, trip out & run logs.																											
Type	Casing Specs			Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size															
Surface	24			1,383		1,383																						26															
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem		635,000		11		3		Halcem		410		14,80000		1,33000		0		635 / 410		22															
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375		12.219		10.030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2															
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
Atoka				4,863		5,227				30				30				30																									
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																							
5.0		6.500						45		#VALUE!						7,150		10.0		223																							
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																					
4.19		6.0		12		4.19		6.0		12		0						201				1,700																					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT											
9.4		9.4		34.0		34.0		3.0		6.0		3.0		7.0		60.0		0.0		0.0		0.0		0.0		4.2		0.0		0.0		0.0											
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME		ES		LCM																					
9.00		0.60		0.20		0.30		16000.00		880.00		0.00		96.70		0.00		0.00		0.00		0.00																					
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
23		0		12 1/4"		Halliburton		GT65 DCHE		1305723		16		16		16		16		16		16		16		16		16		0		#VALUE!											
START FT.		END FT.		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
2/9/2021 13:00		2/10/2021 23:30		11855		12502		30.00		32.22		34.5		33.6		19.25		6		3		RO		C		X		I		BT		Reason of Production Loss											
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
24		0		12 1/4"		Halliburton		GT650MHQ H		13308984		15		15		15		14		14		14		14		14		14		0		1.4197											
START FT.		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
2/11/2021 22:45		2/13/2021 24:45		12502		13187		21.33		57.78		47		27.4		25																											
FUEL DELIVERED				0				FUEL USED TODAY				1,260				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				8,030				TOTAL FUEL USED				90.106				Gel				Mica				ABQ				DAILY SOLIDS				0				OWNER							
PICKUP WT.				311				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.				299				MAX. DRAG				18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs				0							
SLACKOFF WT.				284				TQ. ON BTM				21,000				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				30				TQ. OFF BTM				11,000				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)																																			
1.25				22: Well Control				Circulate with 150 gpm holding DP pressure constant at 580 psi through MPD choke, adjust as required to maintain DP pressure constant with 9.9 ppg. Observe 5' to 20' flare. Started losing circulation.																																			
10.25				22: Well Control				Shut in well while we build volume in the active system																																			
1.50				22: Well Control				Estblish Pump pressure @ 40 SPM, 189 GPM, Break out top drive flats non holding, Pump 20 bbls 13.7 ppg kill mud down DP, Install float sub w/ float																																			
0.50				6: Tripping				Strip in hole to 13272'																																			
8.00				22: Other				Build 500 bbls 60 ppb LCM pill in Macada tank																																			
0.25				22: Well Control				Line up to break circulation prior to pumping LCM. Drill String pressured up. Broke off top drive and blew down mud line from pumps and surface system was clear.																																			
2.25				6: Tripping				Pull out 9 stands to inspect float valve																																			



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Ameredev LLC																		Report # 62											
Morning Drilling Report																													
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE															
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Tue, February 23, 2021															
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS									
		12/27/2020		58								12,300		12,300		0		0		0									
Current Operation:				Tripping out to change BHA.						Next 24 Hours:				Change BHA, go back in the hole to circulate and condition.															
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size	
Surface		24		1,383		1,383																						26	
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		HalCem		410		14,80000		1.33000		0		635 / 410		22	
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2	
FORMATION				Atoka		BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI							
				4,863		5,227						90				30				30									
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA. #VALUE!		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP									
5.0		6.500						45								7,150		10.0		223									
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE							
4.19		6.0		12		48		4.19		6.0		12		0		0		201				1,700							
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID	
9.4		9.4		34.0		34.0		3.0		6.0		3.0		7.0		60.0		0.0		0.0		0.0		0.0		0.0		0.0	
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME		ES		LCM							
9.00		0.60		0.20		0.30		15000.00		880.00		0.00		96.70		0.00		0.00		0.00		0.00							
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9	
23		0		12 1/4"		Halliburton		GT65 DCH		1305723		16		16		16		16		16		16		16		16		16	
START FT.		END FT.		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE	
2/9/2021 13:00		2/10/2021 23:30		11855		12502		30.00		32.22		34.5		33.6		19.25		6		3		RO		C		X		I	
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9	
24		0		12 1/4"		Halliburton		GT650MHQ H		13308984		15		15		15		14		14		14		14		14		14	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE	
2/11/2021 22:45		2/13/2021 24:45		12502		13187		21.33		57.78		47		27.4		25													
FUEL DELIVERED		0		FUEL USED TODAY		844				MUD ADDITIVES IN LAST 24 HOURS								SOIL FARMING / MUD DISPOSAL		FRESH WATER									
FUEL ON HAND		5,067		TOTAL FUEL USED		93.069		Gel		Mica		ABQ								DAILY SOLIDS		0		OWNER					
PICKUP WT.		311		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI								TOTAL SOLIDS		0		DAILY BBLs		0			
ROTATING WT.		299		MAX. DRAG		18		Caustic		Soda Ash		Gelex								DAILY DISPOSAL COSTS				CUM BBLs		0			
SLACKOFF WT.		284		TQ. ON BTM		21,000		Bar		Lime		Tackle								DAILY LIQUIDS		0							
BHA HOURS		30		TQ. OFF BTM		11,000		Pac-R		Alum Ster		Cost								TOTAL LIQUIDS		0							
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																					
0.50				22: Well Control				Attempt to break circulation. Drill String pressured up immediately to 2,200 psi.																					
2.00				6: Tripping				Strip out to the (2) Float subs installed in the string and relieve pressure.																					
0.50				22: Well Control				Attempt to break circulation. Pressure up to 4000 psi and still plugged.																					
2.75				22: Well Control				Build volume while discussing plan forward to strip out of the hole.																					
4.00				6: Tripping				Strip out of the hole to 6,555' while pumping calculating fill down backside.																					
1.25				9: Cut Drlg Line				Slip and cut Drilling line																					
3.25				6: Tripping				Strip out of hole to 4300'																					
0.50				7: Lubricate Rig				Service rig,Clean suction screens on mud pumps																					
2.00				6: Tripping				Strip out from 4300-3285'																					
1.25				27: Other				Clean out suction on pumps																					
2.00				6: Tripping				Strip out from 3,285' - 1,692'																					
2.50				27: Other				Clean out mud pumps.																					
1.00				6: Tripping				Strip out from 1,692' - 1,230'. Driller reported gas bubbles coming up through drill pipe.																					
0.50				22: Well Control				Stab TIW valve, check well for flow.																					



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Ameredev LLC																				Report # 65
Morning Drilling Report																				
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE						
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Fri, February 26, 2021						
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		ROT HRS		
		12/27/2020		61								12,300		12,300		0		0		
Current Operation:				Squeezing LCM.				Next 24 Hours:				Squeeze LCM and monitor well bore.								
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size				
Surface	24			1,383	1,383											26				
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	Haicem	410	14.80000	1.33000	0	635 / 410	22				
Intermediate	13.625" O-125 88.2# BTC			0	7,150		12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2			
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI								
Atoka				4,863	5,227		90		30		30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD			FRAC GRADIENT MW		MAX. ALLOWABLE SICP	
5.0	6.500			45	#VALUE!									7,150			10.0		223	
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE		
4.19	6.0			12	4.19	6.0			12						201			1,700		
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec			Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
9.4	9.4	34.0	34.0	3.0	6.0	3.0			7.0	60.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL			WATER	O-W	LIME	ES	LCM							
9.00	0.60	0.20	0.30	16000.00	880.00	0.00			96.70	0.00	0.00	0.00	0.00							
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA				
23	0	12 1/4"	Halliburton	GT65 DCH	1305723	16	16	16	16	16	16	16	16	16	0	#VALUE!				
START FT.	END FT.	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON				
2/9/2021 13:00	2/10/2021 23:30	11855	12502	30.00	32.72	34.5	33.6	19.25	6	3		C	X	I	BT	See Drilling Log				
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA				
24	0	12 1/4"	Halliburton	GT65DMHEO H	13308984	15	15	15	14	14	14	14	14	14	0	1.4197				
START FT.	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON				
2/11/2021 22:45	2/13/2021 24:45	12502	13187	21.33	57.78	47	27.4	25												
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER				
FUEL ON HAND				9,772	TOTAL FUEL USED				95.622	Gel	Mica		ABQ		DAILY SOLIDS				0	OWNER
PICKUP WT.				311	AVG. DRAG				15	Poly Plus	Quick Thin		PolyPac UI		TOTAL SOLIDS				0	DAILY BBLs
ROTATING WT.				299	MAX. DRAG				18	Caustic	Soda Ash		Galex		DAILY DISPOSAL COSTS				CUM BBLs	
SLACKOFF WT.				284	TQ. ON BTM				21,000	Bar	Lime		Tackle		DAILY LIQUIDS				0	
BHA HOURS				30	TQ. OFF BTM				11,000	Pac-R	Alum Ster		Cost		TOTAL LIQUIDS				0	
HOURS				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																
1.50	22: Well Control			Squeeze LCM into formation and test formation integrity. We were only able to hold up to 366 psi on the back side before experiencing losses.																
6.25	6: Tripping			Strip out of the hole to 7074'.																
6.50	5: Cond. Mud & Circ			Circulate Gas Out and Weight up Mud from 9.6 ppg to 9.9 ppg. Lost 100% returns																
0.75	22: Well Control			Sut well in Due to losses, Change out RCD rubber																
5.00	22: Well Control			Build volume and Mix LCM Pill.																
0.50	5: Cond. Mud & Circ			Pump 117 BBLs of LCM and leave it in the Drill Pipe.																
0.25	6: Tripping			Strip in 4 Stands.																
</																				



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Ameredev LLC																		Report # 67
Morning Drilling Report																		
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Sun, February 28, 2021					
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS		
		12/27/2020	63	\$		\$		\$				12,300	12,300	0	0	0		
Current Operation:		Stripping Casing in the hole.						Next 24 Hours:		Strip Casing in hole, cut & slip drill line, land casing, circulate & cement casing.								
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size		
Surface	24			1,383	1,383											26		
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22		
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2		
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI						
Atoka				4,863	5,227		30		30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ.IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP			
5.0	6.500			45	#VALUE!				\$		7,150		10.0		223			
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE			
4.19	6.0		12	48	6.0		0					201			1,700			
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
9.4	9.4	34.0	34.0	3.0	6.0	3.0	7.0	60.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O:W	LIME	ES	LCM							
9.00	0.60	0.20	0.30	16000.00	880.00	0.00	96.70	0.00	0.00	0.00	0.00							
PREV BIT #	Re-Run	SIZE	MFR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
23	0	12 1/4"	Halliburton	GT65 DCHE	1305723	16	16	16	16	16	16	16	16	16	0	#VALUE!		
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
2/9/2021 13:00	2/10/2021 23:30	11855	12502	30.00	32.22	34.5	33.6	19.25	6	3	RO	C	X	I	BT			
CUR. BIT #	Re-Run	SIZE	MFR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
24	0	12 1/4"	Halliburton	GT65DMHEO_H	13308984	15	15	15	14	14	14	14	14	14	0	1.4197		
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
2/11/2021 22:45	2/13/2021 21:45	12502	13187	21.33	57.78	47	27.4	25										
FUEL DELIVERED		FUEL USED TODAY		482		MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL			FRESH WATER			
FUEL ON HAND		8,566		TOTAL FUEL USED		96,828		Gel	Mica	ABO		DAILY SOLIDS		0		OWNER		
PICKUP WT.		311		AVG. DRAG		15		Poly Plus	Quick Thin	PolyPac UI		TOTAL SOLIDS		0		DAILY BBLs	0	
ROTATING WT.		299		MAX. DRAG		18		Caustic	Soda Ash	Gelex		DAILY DISPOSAL COSTS				CUM BBLs	0	
SLACKOFF WT.		284		TQ. ON BTM		21,000		Bar	Lime	Tackle		DAILY LIQUIDS		0				
BHA HOURS		30		TQ OFF BTM		11,000		Pac-R	Alum Ster	Cost		TOTAL LIQUIDS		0				
HOURS	TIME CODE			CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )														
1.75	11: Wireline Logging			Lay down wireline tools.														
0.50	27: Other			Pull Wear Bushing.														
1.50	20: Directional Work			Lay down Directional Tools.														
3.75	22: Well Control			Swap out 5" DP Rams to 9 5/8" Casing Rams.														
2.00	16: Test BOP's			Test Door Seals 250 low 3000 high.														
1.00	12: Run Casing			Rig UP Casing Crew.														
1.50	12: Run Casing			Make up Shoe Track (Thread Lock), Test Floats, run 9 5/8" 47# P110 to 480' and Circulate a Bottoms Up.														
2.00	12: Run Casing			Stage in 9-5/8" circulating out 14.9 ppg mud cap from 480' to 1267'														
10.00	12: Run Casing			Strip 9-5/8" casing in hole through annular letting out caculated displacement in to trip tank.														



Ameredev LLC																	Report # 68													
Morning Drilling Report																														
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, March 1, 2021																
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS										
		12/27/2020		64								12,300		12,300		0		0		0										
Current Operation:				Circulating Bottoms up @ 10,714'				Next 24 Hours:				Strip casing in the hole, circulate, pump cement.																		
Type	Casing Specs			Top TMD	Btn TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size														
Surface	24			1,383	1,383											26														
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	Haicem	410	14,80000	1,33000	0	635 / 410	22														
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2														
FORMATION					BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																	
Atoka				4,863	5,227			90		30		30																		
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP														
5.0	6.500			45 <td colspan="3">#VALUE!</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">7,150</td> <td colspan="2">10.0</td> <td>223</td>	#VALUE!							7,150		10.0		223														
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE														
4.19	6.0			12	4.19	6.0		12	0				201			1,700														
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec		Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND														
9.4	9.4	34.0	34.0	3.0	6.0	3.0		7.0	60.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0														
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL		WATER	O-W	LIME	ES	LCM																		
9.00	0.60	0.20	0.30	16000.00	880.00	0.00		96.70	0.00	0.00	0.00	0.00																		
PREV BIT #	Re-Run	SIZE	MFG.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
23	0	12 1/4"	Halliburton	GT65 DCH	1305723	16	16	16	16	16	16	16	16	16	0	#VALUE!														
START FT.	END FT.	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
2/9/2021 13:00	2/10/2021 23:30	11855	12502	30.00	32.22	34.5	33.6	19.25	6	3		C	X	I	BT															
CUR. BIT #	Re-Run	SIZE	MFG.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA														
24	0	12 1/4"	Halliburton	GT65DMHEO H	13308984	15	15	15	14	14	14	14	14	14	0	1.4197														
START FT.	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON														
2/11/2021 22:45	2/13/2021 24:45	12502	13187	21.33	57.78	47	27.4	25																						
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER														
FUEL ON HAND				8,066				97.328				Gel				Mica														
				311				15				Poly Plus				Quick Thin														
PICKUP WT.				299		MAX. DRAG		18		Caustic		Soda Ash		Galex		DAILY DISPOSAL COSTS														
		284				TQ. ON BTM		21,000		Bar		Lime		Tackle		DAILY LIQUIDS														
SLACKOFF WT.				284												CUM BBLs														
		30				TQ. OFF BTM		11,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS														
BHA HOURS																0														
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																														
HOURS	TIME CODE																													
1.25	12: Run Casing		Strip in with Casing through Annular to 7,177' while allowing calculated displacement.																											
1.00	27: Other		Cut & Slip Drill Line at the casing shoe.																											
3.75	12: Run Casing		Strip in with Casing through Annular to 7,978' While allowing Calculated Displacement.																											
2.00	5: Cond. Mud & Circ		Circulate B/U Through Choke Holding 210 psi SPP.																											
0.50	12: Run Casing		Run Casing in from 7,978' to 8,284'. Without Returns.																											
0.75	5: Cond. Mud & Circ		Try to Establish Circ at 8 spm, No Returns.																											
2.75	12: Run Casing		Run Casing in from 8,284' to 10,297' with Partial Returns.																											
6.00	5: Cond. Mud & Circ		Establish Circulation, Circulate LCM out of hole.																											
2.50	27: Other		check choke manifold for blockage.																											
1.25	12: Run Casing		Strip in to 10,513'. Casing collars hanging up in Annular. When we opened the annular to allow collars to pass, we had mud flowing over the stack.																											
0.75	27: Other		Shut down and inspect annular. Found a few metal fingers sticking out, but rubber not in terrible shape.																											
0.75	12: Run Casing		Strip in while holding 100psi on the annular to allow casing collars to pass through.																											
0.75	5: Cond. Mud & Circ		Circulate B/U Through Choke Holding 210 psi SPP.																											



Ameredev LLC																				Report # 69																							
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Tue, March 2, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		65										12,300		12,300		0		0		0																					
Current Operation				Cementing 9 5/8" casing				Next 24 Hours				Cement 9 5/8" Casing, Run Cmt bond logs, N/D BOPE, Set csg slips, C/O Annular Rubbers, Clean Pit																															
Type	Casing Specs			Top TMD	Botm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size																											
Surface	24			1,383	1,383											26																											
Intermediate	20" N-80 133# BTC			0	3,412	NeoCam	635.000	11	3	Halcam	410	14.80000	1.33000	0	635 / 410	22																											
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/2550.35	/	17 1/2																											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
Atoka				4,863		5,227				30				30				30																									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																												
5.0	6.500			45	#VALUE!						7,150		10.0		223																												
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE																											
4.19	6.0			12	4.19	6.0		0					201			1,700																											
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT																											
9.4	9.4	34.0	34.0	3.0	6.0	3.0	7.0	60.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0																											
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM																																
9.00	0.60	0.20	0.30	16000.00	880.00	0.00	96.70	0.00	0.00	0.00	0.00																																
PREV BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																											
23	0	12 1/4"	Halliburton	GT65 DCHE	1305723	16	16	16	16	16	16	16	16	16	16	0	#VALUE!																										
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																											
2/9/2021 13:00	2/10/2021 23:30	11855	12502	30.00	32.22	34.5	33.6	19.25	6	3		C	X	I	BT	One Of Drilling Fluids																											
CUR. BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																											
24	0	12 1/4"	Halliburton	GT65DM4EO H	13308984	15	15	15	14	14	14	14	14	14	0	1.4197																											
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																											
2/11/2021 22:45	2/13/2021 21:45	12502	13187	21.33	57.78	47	27.4	25																																			
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																											
FUEL ON HAND				TOTAL FUEL USED								DAILY SOLIDS				OWNER																											
PICKUP WT.				AVG. DRAG				Poly Plus				Quick Thin				TOTAL SOLIDS																											
ROTATING WT.				MAX. DRAG				Caustic				Soda Ash				DAILY DISPOSAL COSTS																											
SLACKOFF WT.				TQ. ON BTM				Bar				Lime				DAILY LIQUIDS																											
BHA HOURS				TQ. OFF BTM				Pac-R				Alum Ster				Cost																											
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
2.25				5: Cond. Mud & Circ				At 10,714' circulate bottoms up. Observed 15'-20' flare.																																			
0.75				12: Run Casing				Trip in from 10,714' to 11,128'																																			
3.50				5: Cond. Mud & Circ				At 11,128' circulate bottoms up. Observed 5'-15' flare.																																			
1.00				12: Run Casing				Run in Casing from 11,128' to 11,550'																																			
1.50				5: Cond. Mud & Circ				Shut in Well, Circulate 4888 Strokes @ 11,550' 5'-15' Flare.																																			
0.75				12: Run Casing				Strip Casing in from 11,550' to 11,940'.																																			
1.75				5: Cond. Mud & Circ				Shut in Well, Circulate 4888 Strokes @ 11,940' 5'-10' Flare.																																			
0.50				12: Run Casing				Run in Casing from 11,940' to 12,290'.																																			
1.75				5: Cond. Mud & Circ				Circulate 474 bbls through choke @ 225-250 gpm																																			
0.50				12: Run Casing				Run casing from 1290-12730'																																			
1.75				5: Cond. Mud & Circ				Circulate 737 bbls through choke @ 225-250 gpm																																			
1.00				12: Run Casing				Run casing from 12730' to 13200'																																			
2.00				5: Cond. Mud & Circ				Wash and work pipe from 13200' -13233'																																			
3.25				5: Cond. Mud & Circ				Circulate Bottoms up																																			
0.75				12: Run Casing				Rig down CRT and R/U Halliburton cmt head. Shut in and Monitor casing pressure while changing out (56 psi).																																			
1.00				13: Cement Casing				Open well up and circulate with rig pumps through cmt head. Had 2' flare. Swap lines to cmt. Test lines and begin cement job.																																			
No Accidents, Spills or Inspections to report.																																											
24.00																																											
QTY	BHA ITEM				LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD																										
1	12 1/4" Bit				2.00		1 MRL/RDMO		0.00		81.00																																
1	LEAM 8" 7/8 5.9 FBH 1.25" W/ 11.75 NBS				37.00		2 Drilling		0.00		298.00		Depth		Dev.		Azi.		TVD																								
1	8" Float Sub				3.00		3 Washing/Reaming		0.00		4.25		6,249		0.85		252		6,246																								
1	12" IBS Stabilizer (BFF)				7.00		4 Lost Circulation		0.00		11.75		6,344		0.79		251		6,341																								
1	8" UBHO				3.00		5 Cond. Mud & Circ		17.75		115.50		6,438		0.75		250		6,435																								
1	8" NMDC				31.00		6 Tripping		0.00		361.25		6,532		0.56		258		6,529																								
1	8" Pony				13.00		7 Lubricate Rig		0.00		8.25		6,626		0.46		273		6,623																								
6	8" Steel DC				176.00		8 Rig Repair		0.00		25.00		6,720		0.41		297		6,717																								
1	XO 6 5/8" Reg PN x 1 1/2" IF BX				4.00		9 Cut Orig Line		0.00		7.25		6,814		0.48		311		6,811																								
15	6.5" Steel DC				455.00		10 Deviation Survey		0.00		0.50		6,911		0.55		325		6,908																								
24	5" HWDP				726.00		11 Wireline Logging		0.00		63.00		7,006		0.55		344		7,003																								
								12 Run Casing		5.25		94.50		7,101		0.68		21		7,098																							
								13 Cement Casing		1.00		33.25		7,171		0.92		33		7,168																							
								14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252																							
								15 NU BOP's		0.00		95.00		7,349		1.42		38		7,346																							
								16 Test BOP's		0.00		20.50		7,443		1.55		53		7,440																							
								17 Plug Back		0.00		0.00		7,538		1.30		46		7,535																							
								18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629																							
								19 Fishing		0.00		42.75		7,727		1.79		47		7,724																							
								20 Directional Work		0.00		28.00		7,821		1.48		61		7,818																							
								21 Weather		0.00		0.00		7,915		1.68		56		7,912																							
								22 Well Control		0.00		189.75		8,009		1.88		77		8,006																							
								23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth																									
								24 Drill Cmt / Shoe Test		0.00		5.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER																									
								25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood																													
Joints				DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER																											
219	DP	5	19.5	5-135	6903.28	27 Other	0.00	77.50	0.00		77.50	Marcus Jenkins																															
								28 Other		0.00		13.75		AMEREDDEV PERSONELL																													
								29 Other		0.00		0.00		DRILLING SUPERINTENDENT		JT Wilkerson																											
								30 Other		0.00		0.00		DRILLING ENGINEER		Diego Barrada																											
								31 Other		0.00		0.00		DAY CONTROL ROOM SUP		Dave Pope																											
								TOTALS		24.00		1651.00		NIGHT CONTROL ROOM SUP		Ted Cheatwood																											
Cost Input																																											
Cost Type	Charge	Code		Description				Vendor				Unit Cost	Quantity	Cost	Carry Over																												
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC					1.0		Yes																												
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood/Dave Pope				Rusco Operating LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer, 3 Light Plants				Hoppe's Construction LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Internet & Intercoms				wersat Communications USA					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Forklift \$150/day				Boland Field Services LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services Inc					1.0		Yes																												
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc					1.0		Yes																												
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc					1.0		Yes																												
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason					1.0		Yes																												
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling					1.0		Yes																												
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC					1.0		Yes																												
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package				American Safety Services, In					1.0		Yes																												
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC					1.0		Yes																												
8500	0.198	MUD LOGGING		Mud Logging Service				ckstone Analytics Mud Logg					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank					1.0		Yes																												
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars				Platinum Pipe Rentals LLC					1.0		Yes																												
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD				Opla					1.0		Yes																												
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost - Stand By				Halliburton Energy Services					1.0		Yes																												
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check				Halliburton Energy Services					1.0		Yes																												
8500	0.024	SURFACE RENTALS		500 BBL Mixing Tank				McAda Drilling Fluids Inc					1.0		Yes																												
8500	0.03	DOWNHOLE RENTALS		8" Motors Leam @ \$13,300/motor (#77521X0-546, #7751X0-699, #1001X0-053)				Leam					1.0		No																												
8500	0.048	LL CONTROL EQUIP / SERV		Lubricator and packoff for Open Hole Wireline logging				Oil States Energy Services LL					1.0		No																												
8500	0.102	NGINEERING / CONSULTAN		Geolox Monthly Statement				Geolox, Inc					1.0		No																												
8500														\$ -																													
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Ameredev LLC															Report # 70										
Morning Drilling Report																									
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE												
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Wed, March 3, 2021												
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS									
		12/27/2020	66	\$		\$		\$				12,300	12,300	0	0	0									
Current Operation				N/U BOPs		Next 24 Hours				Test BOPs, set wear bushing, TH with 8 1/2" bit to drill out DV equipment															
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size									
Surface	24			1,383	1,383											26									
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22									
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.00000	3118.9/3350.35	/	17 1/2									
FORMATION				BGG		CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI												
Atoka				4,863		5,227		30		30		30													
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA	COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP											
5.0	6.500			45	#VALUE!					7.150		10.0		37											
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE											
4.19	6.0		12	4.19	6.0		12					201		1,700											
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT									
9.9	9.9	32.0	32.0	4.0	5.0	4.0	5.0	50.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0									
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM														
8.00	0.20	0.05	0.20	6500.00	600.00	0.00	91.00	0.00	0.00	0.00	0.00														
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA									
23		12 1/4"	Halliburton	G165 DCHC	1305723	16	16	16	16	16	16				0	#VALUE!									
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON									
2/9/2021 13:00	2/10/2021 23:30	11855	12502	30.00	32.22	34.5	33.6	19.25	6	3	RO	C	X	I	BT	Reason of Failure									
CURL BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA									
24		12 1/4"	Halliburton	G165 DCHC	13308984	15	15	15	14	14	14	14	14	14	0	1.4197									
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON									
2/11/2021 22:45	2/13/2021 21:45	12502	13187	21.33	57.78	47	27.4	25																	
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER									
FUEL ON HAND				TOTAL FUEL USED								DAILY SOLIDS				OWNER									
PICKUP WT.				AVG. DRAG				Poly Plus				TOTAL SOLIDS				DAILY BBL'S									
ROTATING WT.				MAX. DRAG				Caustic				DAILY DISPOSAL COSTS				CUM BBL'S									
SLACKOFF WT.				TQ ON BTM				Bar				DAILY LIQUIDS													
BHA HOURS				TQ OFF BTM				Pac-R				TOTAL LIQUIDS													
								Alum Ster																	
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
4.25				13: Cement Casing				Tested lines to 5,400 psi. Pumped 150 bbls FW, 40 bbls of Mud Flush III, 750 sks (312 bbls) of Lead Cement (NeoCem) @ 11.5 ppg, followed by 410 sks (90 bbls) of Tail Cement (VersaCem H) @ 14.5 ppg. Dropped wiper dart and began displacement. Pumped 965 bbls of Cut Brine @ 9.5 ppg. Bumped plug on time @ 700 psi, pressured up to 1,470 psi held or 5 minutes.																	
1.50				13: Cement Casing				Inflat Packer @ 3700 psi. Drop Bomb to Open DV Tool.																	
0.75				5: Cond. Mud & Circ				Circulate 460 bbls/Bottoms UP to remove Gas. Circulate 65 BBLs of the top of the DV Tool.																	
0.50				5: Cond. Mud & Circ				Pump through surface lines to remove any Cement.																	
4.00				13: Cement Casing				Cement Second stage, circulated 460 bbls of mud to get gas out of hole. Pumped 40 bbls of Mud Flush III, 2,240 sks (1069 bbls) of lead Cement (NeoCem) @ 10.5 ppg followed by 25 sks (5.5 bbls) of Tail Cement @ 14.5 ppg. Dropped wiper dart and pumped 534 bbls of displacement. Bumped plug on time @ 535 psi, pressured up to 2,300 psi (closed tool) and held for 5 minutes. Bled back 4.5 bbls to truck. Circulated ~484 bbls of cement to surface.																	
0.50				13: Cement Casing				Flush out BOP, Rig Down Cementers. Mulholland's cleaning mud pits. Rig crew repairing valves as needed.																	
2.25				15: NU BOP's				Nipple down BOP's with Battle Energy, P/U stack.																	
1.25				13: Cement Casing				Set casing slips with Vault rep, Z50K set, rough cut casing.																	
0.75				15: NU BOP's				N/U DSA and spool with Battle Energy.																	
2.75				15: NU BOP's				Change out Annular Element																	
1.75				15: NU BOP's				Final cut casing, install bowl DSA and spacer spool.																	
0.50				27: Other				Vault test EBS seals against casing, slips and flange connection to 5000 psi for 15 min as per Vault procedure, good test.																	
3.25				15: NU BOP's				Nipple up BOP's, Change out 9 5/8" top rams to 2 7/8" x 5.3" VBR.																	
24.00								No Accidents, Spills or Inspections to report																	
QTY	BHA ITEM			LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lnde Pt MD/TVD												
1	12 1/4" Bit			2.00	1 MRL/ROMO		0.00	81.00																	
1	LEAM 8" 7/8 5.9 FBH 1.25" W/ 11.75 NBS			37.00	2 Drilling		0.00	298.00	Depth		Dev.		VS		DLS										
1	8" Float Sub			3.00	3 Washing/Reaming		0.00	4.25	6,249		0.85		252		6,246										
1	12" IBS Stabilizer (BFF)			7.00	4 Lost Circulation		0.00	11.75	6,344		0.79		251		6,341										
1	8" UBHO			3.00	5 Cond. Mud & Circ		1.25	116.75	6,438		0.75		250		6,435										
1	8" NMDC			31.00	6 Tripping		0.00	361.25	6,532		0.56	258	6,529		96.79										
1	8" Pony			13.00	7 Lubricate Rig		0.00	8.25	6,626		0.46	273	6,623		96.17										
6	8" Steel DC			176.00	8 Rig Repair		0.00	25.00	6,720		0.41	297	6,717		95.84										
1	XO 6 5/8" Reg PN x 1 1/2" IF BX			4.00	9 Cut Drig Line		0.00	7.25	6,814		0.48	311	6,811		95.73										
15	6.5" Steel DC			455.00	10 Deviation Survey		0.00	0.50	6,911		0.55	325	6,908		95.81										
24	5" HWOP			726.00	11 Wireline Logging		0.00	63.00	7,006		0.55	344	7,003		96.14										
								12 Run Casing		0.00		94.50		7,101		0.68		21		7,098		96.90		0.43	
								13 Cement Casing		11.50		44.75		7,171		0.92		33		7,168		97.84		0.41	
								14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252		99.39		0.57	
								15 NU BOP's		10.75		105.75		7,349		1.42		38		7,346		101.53		0.43	
								16 Test BOP's		0.00		20.50		7,443		1.55		53		7,440		103.94		0.43	
								17 Plug Back		0.00		0.00		7,538		1.30		46		7,535		106.28		0.32	
								18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629		108.49		0.22	
								19 Fishing		0.00		42.75		7,727		1.79		47		7,724		111.12		0.45	
								20 Directional Work		0.00		28.00		7,821		1.48		61		7,818		113.74		0.54	
								21 Weather		0.00		0.00		7,915		1.68		56		7,912		116.24		0.26	
								22 Well Control		0.00		189.75		8,009		1.88		77		8,006		118.87		0.72	
								23 Waiting-Orders/Equip		0.00		0.00				Planned VS		feet @		azimuth					
								24 Drill Cmt / Shoe Test		0.00		5.75				DAY DRILLING FOREMAN		CELL PHONE NUMBER							
								25 Jet & Clean Pits		0.00		0.00				Hesston Cheatwood		CELL PHONE NUMBER							
								26 Regulatory		0.00		54.50				NIGHT DRILLING FOREMAN		CELL PHONE NUMBER							
								27: Other		0.50		78.00				Marcus Jenkins									
								28: Other		0.00		13.75				AMEREDDEV PERSONELL									
								29: Other		0.00		0.00				DRILLING SUPERINTENDENT		JT Wilkerson							
								30: Other		0.00		0.00				DRILLING ENGINEER		John Zabaldano							
								31: Other		0.00		0.00				DAY CONTROL ROOM SUP		Chris Huff							
								TOTALS		24.00		1675.00				NIGHT CONTROL ROOM SUP		Andy Slusarchuk							
Cost Input																									
Cost Type	Charge	Code	Description					Vendor		Unit Cost	Quantity	Cost	Carry Over												
8500	0.094	SUPERVISION / CONTRACT	Hesston Cheatwood/Marcus Jenkins					Rusco Operating LLC			1.0		Yes												
8500	0.094	SUPERVISION / CONTRACT	Andy Slusarchuk/Chris Huff					Rusco Operating LLC			1.0		Yes												
8500	0.024	SURFACE RENTALS	Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants					Hoppe's Construction LLC			1.0		Yes												
8500	0.024	SURFACE RENTALS	Internet & Intercoms					versat Communications US			1.0		Yes												
8500	0.024	SURFACE RENTALS	Forklift \$150/day					Boland Field Services LLC			1.0		Yes												
8500	0.024	SURFACE RENTALS	14 x Flat bottom Frac tanks					Blueprint Oilfield Services			1.0		Yes												
8500	0.024	SURFACE RENTALS	4 Sets of pipe Bolsters					Divine Energy Services Inc			1.0		Yes												
8500	0.024	SURFACE RENTALS	4 Sets of pipe racks					Divine Energy Services Inc			1.0		Yes												
8500	0.024	SURFACE RENTALS	PVT/Chokes \$477 plus \$70 on days with gas detection					Pason			1.0		Yes												
8500	0.021	DRILLING RIG	Citadel Rig #3					Citadel Drilling			1.0		Yes												
8500	0.024	SURFACE RENTALS	1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank					Johnso Specialty Tools LLC			1.0		Yes												
8500	0.024	SURFACE RENTALS	Diverter Line, Drive over & Igniter					Iron Horse Tools LLC			1.0		Yes												
8500	0.124	TY AND EMERGENCY RESPON	H2s Compliance Package					merican Safety Services, In			1.0		Yes												
8500	0.066	IDS CONTROL EQUIP / SERV	Solid Control Equipment and Hands					ICSW Oilfield Rental LLC			1.0		Yes												
8500	0.198	MUD LOGGING	Mud Logging Service					dstone Analytics Mud Logg			1.0		Yes												
8500	0.024	SURFACE RENTALS	Minion Tank					Think Tank			1.0		Yes												
8500	0.03	DOWNHOLE RENTALS	(12) 8" Drill Collars					Platinum Pipe Rentals LLC			1.0		Yes												
8500	0.048	IL CONTROL EQUIP / SERV	Rotating Head & MPD					Opla			1.0		Yes												
8500	0.032	DIRECTIONAL DRILLING	MWD Daily cost - Stand By					Halliburton Energy Services			1.0		Yes												
8500	0.06	D. ADDITIVES, AND CHEMICALS	Mud additives & driveby mud check					Halliburton Energy Services			1.0		Yes												
8500	0.024	SURFACE RENTALS	500 BBL Mixing Tank					McAda Drilling Fluids Inc			1.0		Yes												
8500	0.07	CASING CREWS	Casing Crew and equipment to run 9 5/8" intermediate casing					Byrd Oilfield Services LLC			1.0		No												
8500	0.328	VACUUM TRUCK	Vac truck to haul trash mud to disposal					R&M Trucking and Backhoe			1.0		No												
8500	0.328	VACUUM TRUCK	Vac truck to haul trash mud to disposal					R&M Trucking and Backhoe			1.0		No												
8500	0.074	NG / LINER / FLOAT EQUIPMENT	DV tool rep					Halliburton Energy Services			1.0		No												
8500	0.072	CEMENTING	3rd Intermediate Cement 13 5/8" Casing					Halliburton Energy Services			1.0		No												
8500	0.024	SURFACE RENTALS	Flare stack					Iron Horse Tools LLC			1.0		No												
8500	0.048	IL CONTROL EQUIP / SERV	Test Rams					Battle Energy Services			1.0		No												
8500	0.048	IL CONTROL EQUIP / SERV	Crew to location with proper tools for N/U job					Battle Energy Services			1.0		No												
8500	0.048	IL CONTROL EQUIP / SERV	N/U test crew standby					Battle Energy Services			1.0		No												
8500												\$	-												
8500												\$	-												
8500												\$	-												
8500												\$	-												
8500												\$	-												
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8500																									



Ameredev LLC																				Report # 71																							
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, March 4, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		67										12,300		12,300		0		0		0																					
Current Operation				Run CBL with Schlumberger Wireline				Next 24 Hours				Trip hole with 8 1/2" bit and motor assembly, Drill out 10 ft, conduct FIT & Drill ahead																															
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size															
Surface		24		1,383		1,383												410		14.80000		1.33000		0		635 / 410		26															
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem												22															
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		10.030		4,800		3,191						0.149 bbls/ft		1,051.00000		3118.9/5350.35				17 1/2															
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8.525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4															
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
Atoka				0		0				30		30		30		30		30		30																							
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ. IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																							
5.0		6.500		197.0580615		310		163		0.91						13,235		10.0		138																							
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																					
3.52		5.5		12		108		3.52		5.5		12		0		0		380				472																					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT											
9.8		9.8		32.0		32.0		5.0		4.0		4.0		5.8		50.0		0.0		0.0		0.0		0.0		6.3		0.0		0.0		0.0											
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM																					
8.00		0.20		0.05		0.20		6500.00		600.00		0.00		91.00		0.00		0.00		0.00		0.00																					
PREV BIT #		Re-Run		SIZE		MFG.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
24		0		12 1/4"		Halliburton		GT650MNEQ H		13308984		15		15		15		14		14		14		14		14		14		0		1,4197											
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
2/11/2021 22:45		2/13/2021 23:45		12502		13187		21.33		57.78		47		27.4		25		1		3		CT		S		X		I		WT		Casing Point											
CUR. BIT #		Re-Run		SIZE		MFG.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
25		0		8 1/2		Taurex		HA-1PGC		1814981		18		18		18		0		0		0		0		0		0		0		0.7455											
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
				0												0																											
FUEL DELIVERED				FUEL USED TODAY				1,207				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																							
FUEL ON HAND				5,911				TOTAL FUEL USED				99,483				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER							
PICKUP WT.				188				AVG. DRAG				15				Poly Lub				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.				186				MAX. DRAG				18				Caustic				Soda Ash				Selex				DAILY DISPOSAL COSTS				CUM BBLs				0							
SLACKOFF WT.				185				TQ. ON BTM				21,000				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				2				TQ. OFF BTM				11,000				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																							
1.00		15: NU BOP's		Change out Pipe Rams from 9 5/8" to Variables to DP.																																							
8.75		16: Test BOP's		Test BOPs, 250 Low, 3000 High, Annular 250 Low, 3500 High, All Tests for 10 Minutes, (blind Rams Failed First Test, change out Rubbers) Test OPLA Manifold, (install Wear Bushing)																																							
0.50		16: Test BOP's		Test Casing @ 1000 psi for 30 Min, Lay out 1 Stand of 8" Collars.																																							
0.25		16: Test BOP's		Accumulator Draw Down Test.																																							
1.50		6: Tripping		Lay Down 8" Collars.																																							
1.25		6: Tripping		M/U 8 1/2" mill tooth bit & bit sub, (with float), 5 stands 6 1/2" DCs and 7 stands 5" HWDP.																																							
3.50		6: Tripping		TIH with 8 1/2" assembly to 7152 ft.																																							
0.50		3: Washing/Reaming		Wash down with 340 gpm & 472 psi from 7152 ft and tag up at 7272 ft with 25K, 9.9 ppg.																																							
0.25		3: Washing/Reaming		Wash down easily from 7272 ft to 7299 ft, tag firm 25k. Drill out DV tool with 340 gpm, 472 psi, 25-30k wob, 40-60 rpm and 5 - 12k ft/lbs torque. Drop through and ream three times.																																							
0.75		3: Washing/Reaming		Clean out down to 7400 ft, drill out contingency baffel plate with 340 gpm, 472 psi, 25-35k wob, 40-60 rpm and 8 - 12k ft/lbs torque. Drop through and ream three times.																																							
1.50		6: Tripping		TOH with 8 1/2" clean out strne from 7432 ft to 4731 ft.																																							
0.50		8: Rig Repair		Rig repair, replace leaking hydraulic hose on Top Drive.																																							
2.75		6: Tripping		Continue TOH with 8 1/2" clean out assembly from 4731 ft to surface.																																							
1.00		11: Wireline Logging		HP/SM and R/U Schlumberger Wireline tools and make up CBL tools.																																							
24.00				No Accidents, Spills or Inspections to report:																																							
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD																											
1		8.5 mill tooth bit		1.00		1 M/U/RODMO		0.00		81.00																																	
1		Bit sub with float valve		4.01		2 Drilling		0.00		298.00		Depth		Dev.		Azi.		TVD		VS		DLS																					
15		6 1/2" DCs		454.74		3 Washing/Reaming		1.50		5.75		6,249		0.85		252		6,246		100.03		0.02																					
21		5" HWDP		641.72		4 Lost Circulation		0.00		11.75		6,344		0.79		251		6,341		98.84		0.06																					
						5 Cond. Mud & Circ.		0.00		116.75		6,438		0.75		250		6,435		97.72		0.05																					
						6 Tripping		10.50		371.75		6,532		0.56		258		6,529		96.79		0.22																					
						7 Lubricate Rig		0.00		8.25		6,626		0.46		273		6,623		96.17		0.18																					
						8 Rig Repair		0.50		25.50		6,720		0.41		297		6,717		95.84		0.20																					
						9 Cut Drig Line		0.00		7.25		6,814		0.48		311		6,811		95.73		0.13																					
						10 Deviation Survey		0.00		0.50		6,911		0.55		325		6,908		95.81		0.15																					
						11 Wireline Logging		1.00		64.00		7,006		0.55		344		7,003		96.14		0.19																					
						12 Run Casing		0.00		94.50		7,101		0.68		21		7,098		96.90		0.43																					
						13 Cement Casing		0.00		44.75		7,171		0.92		33		7,168		97.84		0.41																					
						14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252		99.39		0.57																					
						15 NU BOP's		1.00		106.75		7,349		1.42		38		7,346		101.53		0.43																					
						16 Test BOP's		9.50		30.00		7,443		1.55		53		7,440		103.94		0.43																					
						17 Plug Back		0.00		0.00		7,538		1.30		46		7,535		106.28		0.32																					
						18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629		108.49		0.22																					
						19 Fishing		0.00		42.75		7,727		1.79		47		7,724		111.12		0.45																					
						20 Directional Work		0.00		28.00		7,821		1.48		61		7,818		113.74		0.54																					
						21 Weather		0.00		0.00		7,915		1.68		56		7,912		116.24		0.26																					
						22 Well Control		0.00		189.75		8,005		1.88		77		8,006		118.87		0.72																					
						23 Waiting-Orders/Equip		0.00		0.00				Planned VS		feet @		azimuth																									
						24 Drill Cmt / Shoe Test		0.00		5.75				DAY DRILLING FOREMAN				CELL PHONE NUMBER																									
						25 Jet & Clean Pits		0.00		0.00				Hesston Cheatwood				CELL PHONE NUMBER																									
Joints		DP ITEM		DD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN																									
219		DP		5		19.5		S-13S		6903.28		27 Other		0.00		78.00		Marcus Jenkins																									
												28 Other		0.00		13.75		AMEREDDEV PERSONELL																									
												29 Other		0.00		0.00		DRILLING SUPERINTENDENT		JT Wilkerson																							
												30 Other		0.00		0.00		DRILLING ENGINEER		John Zabaldano																							
												31 Other		0.00		0.00		DAY CONTROL ROOM SUP		Chris Huff																							
												TOTALS		24.00		1699.00		NIGHT CONTROL ROOM SUP		Andy Slusarchuk																							
Cost Input																																											
Cost Type		Charge		Code		Description						Vendor		Unit Cost		Quantity		Cost		Carry Over																							
8500		0.094		SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins						Rusco Operating LLC				1.0				Yes																							
8500		0.094		SUPERVISION / CONTRACT		Andy Slusarchuk /Chris Huff						Rusco Operating LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer, 3 Light Plants						Hoppe's Construction LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Internet & Intercoms						versat Communications USA				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Forklift \$150/day						Boland Field Services LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks						Blueprint Oilfield Services				1.0				Yes																							
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters						Divine Energy Services Inc				1.0				Yes																							
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks						Divine Energy Services Inc				1.0				Yes																							
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection						Pason				1.0				Yes																							
8500		0.01		DRILLING RIG		Citadel Rig #3						Citadel Drilling				1.0				Yes																							
8500		0.024		SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank						Johnso Specialty Tools LLC				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter						Iron Horse Tools LLC				1.0				Yes																							
8500		0.124		TY AND EMERGENCY RESP		H2s Compliance Package						American Safety Services, In				1.0				Yes																							
8500		0.066		DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands						KSW Oilfield Rental LLC				1.0				Yes																							
8500		0.138		MUD LOGGING		Mud Logging Service						ckstone Analytics Mud Logg				1.0				Yes																							
8500		0.024		SURFACE RENTALS		Minion Tank						Think Tank				1.0				Yes																							
8500		0.03		DOWNHOLE RENTALS		[12] 8" Drill Collars						Platinum Pipe Rentals LLC				1.0				Yes																							
8500		0.048		LL CONTROL EQUIP / SERV		Rotating Head & MPD						Opla</																															



Ameredev LLC																		Report # 72					
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, March 5, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		68										13,316		13,316		1,016		2,032		1	
Current Operation				Drilling 8 1/2" Hole Section						Next 24 Hours				Drill 8 1/2" Hole Section.									
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5250.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Atoka				0	0		30		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP								
5.0	6.500	209.8303432	330	125	0.55						13,235		10.0		3AA								
GPS #1	LINER X STROKE			SPM #1	GPS #2		LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE						
3.52	5.5			12	115		3.52		0	55.0	55.0		405		472								
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
9.5	9.5	30.0	30.0	3.0	4.0		5.0	5.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM												
9.00	0.25	0.15	0.22	6500.00	600.00	0.00	92.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
25	8 1/2	8 1/2	Taurex	HA-1PGC	1814981	18	18	18	0	0	0	0	0	0	0	0.7455							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/0/1900 0.00	1/0/1900 0.00	0	0	0	0	0	0	0	1	1	NO	A	1	1	NO	Planned Trip							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
26	8 1/2	8 1/2	Halliburton	GT55WKHE	13394030	13	13	13	13	13	13	13	13	13	0	1.0370							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/5/2021 5:00	3/5/2021 6:00	13300	13316	15.00	50.00	1	32.0	0.5															
FUEL DELIVERED	4,769			FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND	10,013			TOTAL FUEL USED		100,150		Gel	Mica	ABO	DAILY SOLIDS		0		OWNER								
PICKUP WT.	188			AVG. DRAG		15		Poly Plus	Quick Thin	PolyPac UI	TOTAL SOLIDS		0		DAILY BBLs		0						
ROTATING WT.	186			MAX. DRAG		18		Caustic	Soda Ash	Gelex	DAILY DISPOSAL COSTS				CUM BBLs		0						
SLACKOFF WT.	185			TQ. ON BTM		21,000		Bar	Lime	Tackle	DAILY LIQUIDS		0										
BHA HOURS	0			TQ OFF BTM		11,000		Pac-R	Alum Ster	Cost	TOTAL LIQUIDS		0										
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
0.25		27: Other		Safety Meeting/Crew Handover - Transferred 4437 gals diesel from standby tank to active tank.																			
2.75		11: Wireline Logging		Safety Meeting with SLB, Rig Up Wireline, Pick Up Logging Tools.																			
5.75		11: Wireline Logging		RIH with CBL to 13,050' WLM. Hold 500 psi to Make Main Pass Back to Surface.																			
1.50		11: Wireline Logging		Lay down Logging Tools, Rig Down SLB.																			
0.75		20: Directional Work		P/U BHA.																			
1.00		6: Tripping		P/U 3- 6.5" Drill Collars, Trip in the hole with 5 Stands of 6.5" Collars. Travelling block at reduced speed due to high winds.																			
7.25		6: Tripping		TIH with 8.5" bit & motor assembly to 12930 ft. (Test MWD @ 3300 ft).																			
0.50		6: Tripping		Install RCD element. Rated for 2500 psi dynamic, 5k psi static.																			
0.50		3: Washing/Reaming		Wash down with 400 gpm and tag up with 20k at 13138 ft. Pull back to 13083 ft.																			
1.25		9: Cut Drlg Line		Slip & cut drilling line.																			
1.50		24: Drill Cmt / Shoe Test		Drill out shoe track, wash down from 13138 ft to F/C @ 13188 ft																			
0.25		2: Drilling		Rotate w/ Bit #26 From 13300' to 13310' (40°ft/hr) w/ 20 WOB, 20 Surf RPM, 176 Motor RPM.																			
0.50		27: Other		Perform Fit test holding 100 PSI.																			
0.25		2: Drilling		Rotate w/ Bit #26 From 13310' to 13316' (24°ft/hr) w/ 10 WOB, 80 Surf RPM, 208 Motor RPM.																			
24.00																							
				No Accidents, Spills or Inspections to report.																			
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD							
1	8.5" PDC 5 blade			1.00		1 MIRU/RDMO		0.00		81.00													
1	NOV 7" (TRUE SLICK) 6/7 7.8 ERT FXD @ 1.25			31.00		2 Drilling		0.50		298.50		Depth		Dev.		Ad.		TVD					
1	8 1/4" IBS Stabilizer (BFF)			5.00		3 Washing/Reaming		0.50		6.25		6,249		0.85		252		6,246					
1	6 3/4" UBHO			3.00		4 Lost Circulation		0.00		11.75		6,344		0.79		251		6,341					
1	6 3/4" NMDC			29.00		5 Cond. Mud & Circ		0.00		116.75		6,438		0.75		250		6,435					
1	6 3/4" Pony			15.00		6 Tripping		8.75		380.50		6,532		0.56		258		6,529					
1	8 1/4" IBS Stabilizer (BFF)			5.00		7 Lubricate Rig		0.00		8.25		6,626		0.46		273		6,623					
18	6 1/2" DCs			546.00		8 Rig Repair		0.00		25.50		6,720		0.41		297		6,717					
24	5" HWDP			726.00		9 Cut Drlg Line		1.25		8.50		6,814		0.48		311		6,811					
						10 Deviation Survey		0.00		0.50		6,911		0.55		325		6,908					
						11 Wireline Logging		10.00		74.00		7,006		0.55		344		7,003					
						12 Run Casing		0.00		94.50		7,101		0.68		21		7,098					
						13 Cement Casing		0.00		44.75		7,171		0.92		33		7,168					
						14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252					
						15 NU BOP's		0.00		106.75		7,349		1.42		38		7,346					
						16 Test BOP's		0.00		30.00		7,443		1.55		53		7,440					
						17 Plug Back		0.00		0.00		7,538		1.30		46		7,535					
						18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629					
						19 Fishing		0.00		42.75		7,727		1.79		47		7,724					
						20 Directional Work		0.75		28.75		7,821		1.48		61		7,818					
						21 Weather		0.00		0.00		7,915		1.68		56		7,912					
						22 Well Control		0.00		189.75		8,009		1.88		77		8,006					
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		fest @		azimuth							
						24 Drill Cmt / Shoe Test		1.50		7.25		DAY DRILLING FOREMAN				CELL PHONE NUMBER							
						25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood				CELL PHONE NUMBER							
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN				CELL PHONE NUMBER							
219	DP	5	19.5	S-135	6903.28	27 Other		0.75		78.75		Marcus Jenkins											
						28 Other		0.00		13.75		AMEREDEV PERSONNEL											
						29 Other		0.00		0.00		DRILLING SUPERINTENDENT				JT Wilkerson							
						30 Other		0.00		0.00		DRILLING ENGINEER				John Zabaldano							
						31 Other		0.00		0.00		DAY CONTROL ROOM SUP				Chris Huff							
				Total Depth		13316.00		TOTALS		24.00		1723.00		NIGHT CONTROL ROOM SUP				Andy Slusarchuk					
Cost Input																							
Cost Type	Charge	Code		Description						Vendor		Unit Cost	Quantity	Cost	Carry Over								
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins						Rusco Operating LLC			1.0		Yes								
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk /Chris Huff						Rusco Operating LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer. 3 Light Plants						Hoppe's Construction LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		Internet & Intercoms						wersat Communications US			1.0		Yes								
8500	0.024	SURFACE RENTALS		Forklift \$150/day						Boland Field Services LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks						Blueprint Oilfield Services Inc			1.0		Yes								
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters						Divine Energy Services Inc			1.0		Yes								
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks						Divine Energy Services Inc			1.0		Yes								
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection						Pason			1.0		Yes								
8500	0.01	DRILLING RIG		Citadel Rig #3						Citadel Drilling			1.0		Yes								
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank						Johnso Specialty Tools LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter						Iron Horse Tools LLC			1.0		Yes								
8500	0.124	TY AND EMERGENCY RESPON		H2s Compliance Package						American Safety Services, In			1.0		Yes								
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands						KSW Oilfield Rental LLC			1.0		Yes								
8500	0.198	MUD LOGGING		Mud Logging Service						ckstone Analytics Mud Logg			1.0		Yes								
8500	0.024	SURFACE RENTALS		Minion Tank						Think Tank			1.0		Yes								
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars						Platinum Pipe Rentals LLC			1.0		Yes								
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD						Opla			1.0		Yes								
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost - Stand By						Halliburton Energy Services			1.0		Yes								
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & drively mud check						Halliburton Energy Services			1.0		Yes								
8500	0.024	SURFACE RENTALS		500 BBL Mixing Tank						McAda Drilling Fluids Inc			1.0		Yes								
8500	0.028	DRILL BITS		8.5" GT55WKHEO # 13394030						Halliburton Energy Services			1.0		No								
8500														\$	-								
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Ameredev LLC																				Report # 73													
Morning Drilling Report																																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																			
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sat, March 6, 2021																			
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS											
		12/27/2020		69										13,548		13,548		232		52		5											
Current Operation				Holding backpressure with MPD and going back to bottom to drill 8 1/2" hole								Next 24 Hours		Drill 8 1/2" Hole Section																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size					
Surface		24		1,383		1,383												410		14.80000		1.33000		0		635 / 410		26					
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem		410						0		635 / 410		22					
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2					
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8.525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000		/		12 1/4							
FORMATION				Atoka		BIGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI											
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (GA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SCLP													
5.0		6.500						#VALUE!		#VALUE!						13,235		10.0		69													
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE											
3.52		5.5		12		115		3.52		5.5		12		0		0		405		472													
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT	
9.9		9.9		47.0		47.0		9.0		7.0		7.0		9.0		55.0		0.0		0.0		0.0		0.0		2.5		0.0		0.0		0.0	
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM											
9.00		0.10		0.10		0.20		40000.00		560.00		0.00		92.00		0.00		0.00		0.00		0.00											
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
26		8 1/2		Halliburton		GT55WKHE		13394030		13		13		13		13		13		13		13		13		13		0		0		1.0370	
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
3/5/2021 5:00		3/5/2021 10:43		13270		13521		26.50		50.00		5.75		59.1		4.25		2		8		RO		G		X		2		BT		Reason Of Non-Completion	
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
27																																#VALUE!	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
FUEL DELIVERED		0		FUEL USED TODAY		1,206						MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL		FRESH WATER													
FUEL ON HAND		8,807		TOTAL FUEL USED		101,356		Gel				Mica		ABO				DAILY SOLIDS		0		OWNER											
PICKUP WT.		188		AVG. DRAG		15		Poly Plus				Quick Thin		PolyPac UI				TOTAL SOLIDS		0		DAILY BBLs		0									
ROTATING WT.		186		MAX. DRAG		18		Caustic				Soda Ash		Gelex				DAILY DISPOSAL COSTS				CUM BBLs		0									
SLACKOFF WT.		185		TQ ON BTM		21,000		Bar				Lime		Tackle				DAILY LIQUIDS		0													
BHA HOURS		0		TQ OFF BTM		11,000		Pac-R				Alum Ster		Cost				TOTAL LIQUIDS		0		0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																													
0.25		2: Other		Safety Meeting/Crew Handover																													
0.75		2: Drilling		Rotate w/ Bit #26 From 13316' to 13270' (-61ft/hr) w/ 35 WOB, 80 Surf RPM, 216 Motor RPM.																													
0.75		7: Lubricate Rig		Change out O-ring on 5" Mud Line. (POOH 2 Stands)																													
1.25		2: Drilling		Rotate w/ Bit #26 From 13270' to 13474' (163ft/hr) w/ 37 WOB, 80 Surf RPM, 240 Motor RPM.																													
1.50		2: Drilling		Slide w/ bit #26 From 13474' to 13519' (30ft/hr) w/ 20 WOB, 0 Surf RPM, 240 Motor RPM.																													
0.25		2: Drilling		Rotate w/ Bit #26 From 13519' to 13521' (8ft/hr) w/ 37 WOB, 40 Surf RPM, 240 Motor RPM.																													
1.25		6: Tripping		Flow Check (no flow) Tooh to 13,000'																													
9.00		6: Tripping		Remove Rotating Head, Pump Slug and TOOH to surface. (Difficulty breaking out DCs, all overtorqued)																													
0.50		6: Tripping		Change out bit, clean rig floor.																													
7.25		6: Tripping		THH with new 8.3" bit #27 and motor assembly from surface to 13,800 ft.																													
0.75		2: Drilling		Rotate w/ Bit #27 From 13521' to 13548' (36ft/hr) w/ 15 WOB, 20 Surf RPM, 184 Motor RPM.																													
0.50		22 Well Control		While drilling @ 13,548', started gaining in pits and flow increased from 40% to 107%. Shut well in and monitor casing pressure. Pressure stabilized at 65 psi. Swap over to OPLA MPD and hold 100 - 250 pressure on backside to mitigate flare size. Flare at about 3-8' tall.																													
24.00				No Accidents, Spills or Inspections to report																													
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		ROP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD																	
1		8.5" PDC 5 blade		1.00		1 MRLU/RDMO		0.00		81.00																							
1		NOV 7" (TRUE SLICK) 6/7 7.8 ERT FXD @ 1.25		31.00		2 Drilling		4.50		303.00		Depth		Dev.		Ad.		TVD		VS		DLS											
1		8 1/4" IBS Stabilizer (BFF)		5.00		3 Washing/Reaming		0.00		6.25		5,249		0.85		252		6,246		100.03		0.02											
1		6 3/4" UBHO		3.00		4 Lost Circulation		0.00		11.75		6,344		0.79		251		6,341		98.84		0.06											
1		6 3/4" NMDC		29.00		5 Cond. Mud & Circ		0.00		116.75		6,438		0.75		250		6,435		97.72		0.05											
1		6 3/4" Pony		15.00		6 Tripping		18.00		398.50		6,532		0.56		258		6,529		96.79		0.22											
1		8 1/4" IBS Stabilizer (BFF)		5.00		7 Lubricate Rig		0.75		9.00		6,626		0.46		273		6,623		96.17		0.18											
18		6 1/2" DCs		546.00		8 Rig Repair		0.00		25.50		6,720		0.41		297		6,717		95.84		0.20											
24		5" HWDP		726.00		9 Cut Drig Line		0.00		8.50		6,814		0.48		311		6,811		95.73		0.13											
						10 Deviation Survey		0.00		0.50		6,911		0.55		325		6,908		95.81		0.15											
						11 Wireline Logging		0.00		74.00		7,006		0.55		344		7,003		96.14		0.19											
						12 Run Casing		0.00		94.50		7,101		0.68		21		7,098		96.90		0.43											
						13 Cement Casing		0.00		44.75		7,171		0.92		33		7,168		97.84		0.41											
						14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252		99.39		0.57											
						15 NU BOP's		0.00		106.75		7,349		1.42		38		7,346		101.53		0.43											
						16 Test BOP's		0.00		30.00		7,443		1.55		53		7,440		103.94		0.43											
						17 Plug Back		0.00		0.00		7,538		1.30		46		7,535		106.28		0.32											
						18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629		108.49		0.22											
						19 Fishing		0.00		42.75		7,727		1.79		47		7,724		111.12		0.45											
						20 Directional Work		0.00		28.75		7,821		1.48		61		7,818		113.74		0.54											
						21 Weather		0.00		0.00		7,915		1.68		56		7,912		116.24		0.26											
						22 Well Control		0.50		190.25		8,009		1.88		77		8,006		118.87		0.72											
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth																	
						24 Drill Cmt / Shoe Test		0.00		7.25		DAY DRILLING FOREMAN				CELL PHONE NUMBER																	
						25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood				CELL PHONE NUMBER																	
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN															
219		DP		5		19.5		S-135		6903.28		27 Other		0.25		79.00		Marcus Jenkins															
												28 Other		0.00		13.75						AMEREDDEV PERSONELL											
												29 Other		0.00		0.00		DRILLING SUPERINTENDENT		JT Wilkerson													
												30 Other		0.00		0.00		DRILLING ENGINEER		John Zabaldano													
												31 Other		0.00		0.00		DAY CONTROL ROOM SUP		Chris Huff													
												TOTALS		24.00		1747.00		NIGHT CONTROL ROOM SUP		Andy Slusarchuk													



Ameredev LLC																				Report # 74													
Morning Drilling Report																																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																			
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sun, March 7, 2021																			
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS											
		12/27/2020		70										13,753		13,753		205		36		6											
Current Operation				Circulating trip gas out of hole.								Next 24 Hours		Circulate gas out. Drill 8 1/2" hole section.																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size					
Surface		24		1,383		1,383												410		14.80000		1.33000		0		635 / 410		26					
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem		410						0		635 / 410		22					
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12,375		12,219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/350.35				17 1/2					
Intermediate		9.625" L-80 47# BTC		0		13,235		8,681		8,525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4					
FORMATION				BIGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI													
Atoka				0		0				30		30		30		30		30		30													
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ. IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0		6.500		209.8303432		330		154		0.86						13,235		13.2		2,340													
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE											
3.52		5.5		12		115		3.52		5.5		12		3.52		115		405		472													
MW IN		MW OUT		VIS IN		VIS OUT		PV		YF		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT			
9.8		9.8		40.0		40.0		6.0		11.0		12.0		18.0		0.0		0.0		0.0		0.0		2.3		0.0		0.0		0.0			
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM											
9.90		0.10		0.10		0.20		20000.00		600.00		0.00		93.00		0.00		0.00		0.00													
PREV BIT #		Re-Run		SIZE		MFG.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
27				8 1/2		Halliburton		GTD65DMK		13192145		13		13		13		14		14		14		0		0		0		0		0.8399	
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
13521				13521				31.67		48.33																							
CUR. BIT #		Re-Run		SIZE		MFG.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
28				8 1/2		Halliburton		GT65WKO		13096952		13		13		13		14		14		14		0		0		0		0		0.8399	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
FUEL DELIVERED				0		FUEL USED TODAY				1,327		MUD ADDITIVES IN LAST 24 HOURS								SOIL FARMING / MUD DISPOSAL				FRESH WATER									
FUEL ON HAND				7,480		TOTAL FUEL USED				102,683		Gel		Mica		ABO				DAILY SOLIDS		0		OWNER									
PICKUP WT.				188		AVG. DRAG				15		Poly Plus		Quick Thin		PolyPac UI				TOTAL SOLIDS		0		DAILY BBLs		0							
ROTATING WT.				186		MAX. DRAG				18		Caustic		Soda Ash		Gelex				DAILY DISPOSAL COSTS				CUM BBLs		0							
SLACKOFF WT.				185		TQ. ON BTM				21,000		Bar		Lime		Tackle				DAILY LIQUIDS		0											
BHA HOURS				0		TQ. OFF BTM				11,000		Pac-R		Alum Ster		Cost				TOTAL LIQUIDS		0											
HOURS				TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																											
0.25				27: Other		Safety Meeting/Crew Handover.																											
4.00				2: Drilling		Rotate w/ Bit #27 From 13548' to 13733' (46"/hr) w/ 35 WOB, 50 Surf RPM, 184 Motor RPM.																											
0.50				7: Lubricate Rig		Service Rig while Cleaning Temp Probe on Gens.																											
1.75				2: Drilling		Rotate w/ Bit #27 From 13733' to 13753' (11"/hr) w/ 45 WOB, 75 Surf RPM, 216 Motor RPM.																											
6.50				6: Tripping		Flow check (No Flow) Pump slug and TOOH from 13,753' to surface.																											
0.50				6: Tripping		Break out bit # 27, clean rig floor.																											
2.00				6: Tripping		M/U bit #28 and motor assembly. TIH to 3347 ft.																											
0.25				6: Tripping		Fill pipe, test MWD																											
3.00				6: Tripping		Continue TIH from 3347 ft to 10,004 ft.																											
1.00				22: Well Control		While tripping pipe driller observed trip gas at surface, shut in the well. SICP 80 psi. Line up on Rig choke and circulate out with 200 gpm & 467 psi with moderate flare. Poor-boy 12" butterfly valve shifted closed at bottom of Poorboy causing mud to exit flare stack. Shut in the well. Observe 0 SICP. Secure 12" butterfly valve to prevent surge pressure from closing it.																											
0.50				22: Well Control		Close annular, open pipe rams and install RCD element in preparation for stripping operations.																											
0.50				22: Well Control		Rig crew line up on second Flare stack in preparation to strip in hole, drain #1 flare stack																											
1.25				6: Tripping		Strip in hole through open MPD chokes with returns through gas buster from 10,004 ft to 13,025 ft.																											
0.50				9: Cut Drig Line		Slip and Cut Drill line																											
0.50				6: Tripping		Trip in hole F/ 13,025' T/13,753'. Wash and ream last stand to bottom.																											
1.00				5: Coord. Mud & Circ		Circulate trip gas out of hole with rig choke due to OPLA MPD digital pressure gauges not working. Troubleshoot pressure gauges while circulating.																											
24.00						No Accidents, Spills or Inspections to report																											
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD																	
1		8.5" PDC 5 blade		1.00		1 MIRU/RDMO		0.00		81.00																							
1		NOV 7" (TRUE SLICK) 6/7.8 ERT FXD @ 1.25		31.00		2 Drilling		5.75		308.75		Depth		Dev.		Az.		TVD		VS		DLS											
1		8 1/4" IBS Stabilizer (BFF)		5.00		3 Washing/Reaming		0.00		6.25		5,249		0.85		252		6,246		100.03		0.02											
1		6 3/4" UBHO		3.00		4 Lost Circulation		0.00		11.75		6,344		0.79		251		6,341		98.84		0.06											
1		6 3/4" HMDC		29.00		5 Cond. Mud & Circ.		1.00		117.75		6,438		0.75		250		6,435		97.72		0.05											
1		6 3/4" Pony		15.00		6 Tripping		14.00		412.50		6,532		0.56		258		6,529		96.79		0.22											
1		8 1/4" IBS Stabilizer (BFF)		5.00		7 Lubricate Rig		0.50		9.50		6,626		0.46		273		6,623		96.17		0.18											
18		6 1/2" DCs		546.00		8 Rig Repair		0.00		25.50		6,720		0.41		297		6,717		95.84		0.20											
24		5" HWDP		726.00		9 Cut Drig Line		0.50		9.00		6,814		0.48		311		6,811		95.73		0.13											
						10 Deviation Survey		0.00		0.50		6,911		0.55		325		6,908		95.81		0.15											
						11 Wireline Logging		0.00		74.00		7,006		0.55		344		7,003		96.14		0.19											
						12 Run Casing		0.00		94.50		7,101		0.68		21		7,098		96.90		0.43											
						13 Cement Casing		0.00		44.75		7,171		0.92		33		7,168		97.84		0.41											
						14 Wait On Cement		0.00		20.00		7,255		1.22		53		7,252		99.39		0.57											
						15 NU BOP's		0.00		106.75		7,349		1.42		38		7,346		101.53		0.43											
						16 Test BOP's		0.00		30.00		7,443		1.55		53		7,440		103.94		0.43											
						17 Plug Back		0.00		0.00		7,538		1.30		46		7,535		106.28		0.32											
						18 Squeeze Cmt		0.00		0.00		7,632		1.41		54		7,629		108.49		0.22											
						19 Fishing		0.00		42.75		7,727		1.79		47		7,724		111.12		0.45											
						20 Directional Work		0.00		28.75		7,821		1.48		61		7,818		113.74		0.54											
						21 Weather		0.00		0.00		7,915		1.68		56		7,912		116.24		0.26											
						22 Well Control		2.00		192.25		8,009		1.88		77		8,006		118.87		0.72											
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth																	
						24 Drill Cmt / Shoe Test		0.00		7.25		DAY DRILLING FOREMAN				CELL PHONE NUMBER																	
						25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood																					
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN				CELL PHONE NUMBER											
219		DP		5		19.5		5-135		6903.28		27 Other		0.25		79.25		Marcus Jenkins															
												28 Other		0.00		13.75		AMEREDDEV PERSONELL															
												29 Other		0.00		0.00		DRILLING SUPERINTENDENT				JT Wilkerson											
												30 Other		0.00		0.00		DRILLING ENGINEER				John Zaladano											
												31 Other		0.00		0.00		DAY CONTROL ROOM SUP				Chris Huff											
												TOTALS		24.00		1771.00		NIGHT CONTROL ROOM SUP				Andy Slusarchuk											
Cost Input																																	
Cost Type		Charge		Code		Description		Vendor		Unit Cost		Quantity		Cost		Carry Over																	
8500		0.094		SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins		Rusco Operating LLC				1.0				Yes																	
8500		0.094		SUPERVISION / CONTRACT		Andy Slusarchuk /Chris Huff		Rusco Operating LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants		Hoppe's Construction LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Internet & Intercoms		wersat Communications US				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Forklift \$150/day		Boland Field Services LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks		Blueprint Oilfield Services Inc				1.0				Yes																	
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters		Divine Energy Services Inc				1.0				Yes																	
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks		Divine Energy Services Inc				1.0				Yes																	
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection		Pason				1.0				Yes																	
8500		0.01		DRILLING RIG		Citadel Rig #3		Citadel Drilling				1.0				Yes																	
8500		0.024		SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank		Johnso Specialty Tools LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter		Iron Horse Tools LLC				1.0				Yes																	
8500		0.124		TY AND EMERGENCY RESP		H2s Compliance Package		American Safety Services, In				1.0				Yes																	
8500		0.066		OS CONTROL EQUIP / SERV		Solid Control Equipment and Hands		KSW Oilfield Rental LLC				1.0				Yes																	
8500		0.198		MUD LOGGING		Mud Logging Service		ckstone Analytics Mud Logg				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Min																											



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**AMEREDEV OPERATING, LLC**  
INDEPENDENCE AGI NO. 1  
(API: 30-025-48081)

DAILY DRILLING REPORTS  
(2 OF 2)



Ameredev LLC																				Report # 76													
Morning Drilling Report																																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																			
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Tue, March 9, 2021																			
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS											
		12/27/2020		72										14,052		13,965		52		7		7											
Current Operation				Slip and cut drill line @ 12,909'						Next 24 Hours				TIH, Drill @ 1 1/2" Production hole section.																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size					
Surface		24		1,383		1,383																						26					
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22					
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/530.35				17 1/2					
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8.525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4					
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI													
Morrow				2,799		3,279		4,139		30		30		30		30		30		30													
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0		6.500		266.3933053		420		167		1.31						13,235		13.2		2,271													
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE											
3.52		5.5		12		73		3.52		5.5		12		73		514		PUMPS		2,460													
MW IN		MW OUT		VIS IN		VIS OUT		PV		YF		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT	
9.9		9.9		40.0		40.0		5.0		30.0		6.0		15.0		106.0		0.0		0.0		0.0		0.0		0.0		9.5		0.0		0.0	
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM											
8.00		1.00		0.30		0.00		18000.00		4000.00		0.00		93.00		0.00		0.00		0.00													
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
29				8 1/2		Baker		VG28		5309822		20		20		20		0		0		0		0		0		0		0		0.9204	
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
9/1/1997 0.00		3/8/2021 14.00		13759		14052		35.14		17.14		732110		23.4		12.5		3		7		BT		A		E		I		LT		None Of These Reasons	
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
30				8 1/2		Baker		D505TX		5316449		16		16		16		16		16		0		0		0		0		0		0.9817	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
				0		0		31.00		40.00																							
FUEL DELIVERED				7,200		FUEL USED TODAY				1,770		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER													
FUEL ON HAND				11,703		TOTAL FUEL USED				105,660		Gel				Mica				ABO				DAILY SOLIDS				0		OWNER			
PICKUP WT.				188		AVG. DRAG				15		Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0		DAILY BBLs		0	
ROTATING WT.				186		MAX. DRAG				18		Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				0		CUM BBLs		0	
SLACKOFF WT.				185		TQ. ON BTM				13,000		Bar				Lime				Tackle				DAILY LIQUIDS				0					
BHA HOURS				0		TQ. OFF BTM				10,000		Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0					
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																													
0.25		27: Other		Safety Meeting/Crew Handover.																													
1.75		2: Drilling		Rotate w/ Bit #29 From 13895' to 13933' (22"ft/hr) w/ 35 WOB, 20 Surf RPM, 176 Motor RPM.																													
2.25		2: Drilling		Slide w/ Bit #29 From 13933' to 13978' (20"ft/hr) w/ 33 WOB, 0 Surf RPM, 160 Motor RPM.																													
2.00		2: Drilling		Rotate w/ Bit #29 From 13978' to 14025' (24"ft/hr) w/ 42 WOB, 20 Surf RPM, 160 Motor RPM.																													
0.50		7: Lubricate Rig		Rig Service.																													
1.25		2: Drilling		Rotate w/ Bit #29 From 14025' to 14052' (22"ft/hr) w/ 40 WOB, 20 Surf RPM, 176 Motor RPM.																													
0.25		22: Well Control		Flow Check , observe well static.																													
6.25		6: Tripping		TOH with 8 1/2" bit #29 & motor assembly from 14052 ft to BHA at 730 ft., (reduced pulling speed due to excessive wind speed).																													
0.50		6: Tripping		Remove RCD element, install trip nipple. Observe well static.																													
0.50		6: Tripping		TOH with BHA and rack back.																													
0.50		20: Directional Work		Change out bits, check motor, clean rig floor.																													
3.50		6: Tripping		TIH with 8 1/2" bit #30 and motor assembly to 3259 ft. (Iron Roughneck not functional until 1500 ft, utilize pipe spinner).																													
0.50		20: Directional Work		Fill pipe and funtion test MWD.																													
1.25		6: Tripping		Continue TIH from 3259 ft to 8005 ft.																													
0.25		6: Tripping		Install new RCD element and bearing assembly.																													
2.00		6: Tripping		Strip in hole from 8005 ft to 12,909 ft with returns back through MPD open chokes and poor-boy degasser.																													
0.50		8: Cut Drlg Line		Slip and cut drill line.																													
24.00																				No Accidents, Spills or Inspections to report.													
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		ROP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD																	
1		8.5" PDC S Blade		1.00		1 MRLU/RDMG		0.00		81.00																							
1		NOV 7" (TRUE SLICK) 6/7 7.8 ERT FXD @ 1.25		31.00		2 Drilling		7.25		323.75		Depth		Dev.		Azi.		TVD		VS		DLS											
1		8" IBS Stabilizer (BFF)		6.00		3 Washing/Reaming		0.00		6.50		12,170		1.53		98		12,165		-111.08		0.22											
1		6 3/4" UBHO		3.00		4 Lost Circulation		0.00		11.75		12,264		1.42		101		12,259		-112.99		0.14											
1		6 3/4" NMDC		29.00		5 Cond. Mud & Circ		0.00		118.00		12,359		1.35		95		12,354		-114.77		0.16											
1		6 3/4" Pony		15.00		6 Tripping		14.25		440.00		12,453		1.39		91		12,448		-116.39		0.12											
15		6 1/2" DCs		455.00		7 Lubricate Rig		0.50		10.50		12,548		1.44		89		12,543		-117.99		0.06											
24		5" HWOP		726.00		8 Rig Repair		0.00		25.50		12,642		1.63		83		12,637		-119.57		0.28											
						9 Cut Drlg Line		0.50		9.50		12,737		1.87		82		12,732		-121.26		0.25											
						10 Deviation Survey		0.00		0.50		12,831		2.11		85		12,826		-123.20		0.27											
						11 Wireline Logging		0.00		74.00		12,926		2.15		86		12,921		-125.40		0.07											
						12 Run Casing		0.00		94.50		13,020		2.28		84		13,015		-127.63		0.17											
						13 Cement Casing		0.00		44.75		13,115		2.60		82		13,110		-130.00		0.34											
						14 Wait On Cement		0.00		20.00		13,238		3.28		81		13,233		-133.59		0.55											
						15 NU BOP's		0.00		106.75		13,315		3.54		84		13,309		-136.27		0.80											
						16 Test BOP's		0.00		30.00		13,410		4.17		84		13,404		-140.14		0.66											
						17 Plug Back		0.00		0.00		13,504		2.55		94		13,498		-143.74		1.81											
						18 Squeeze Cmt		0.00		0.00		13,599		2.58		94		13,593		-146.85		0.04											
						19 Fishing		0.00		42.75		13,694		2.60		91		13,688		-149.92		0.14											
						20 Directional Work		1.00		31.75		13,783		3.12		81		13,777		-152.68		0.82											
						21 Weather		0.00		0.00		13,878		3.41		84		13,872		-155.85		0.37											
						22 Well Control		0.25		192.50		13,972		3.17		88		13,965		-159.27		0.34											
						23 Waiting-Orders/Equip		0.00		0.00		Planned VS		feet @		azimuth																	
						24 Drill Cmt / Shoe Test		0.00		7.25		DAY DRILLING FOREMAN				CELL PHONE NUMBER																	
						25 Jet & Clean Pits		0.00		0.00		Diego Barreda				CELL PHONE NUMBER																	
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN		CELL PHONE NUMBER													
219		DP		5		19.5		S-135		6903.28		27 Other		0.25		79.50																	
												28 Other		0.00		13.75																	
												29 Other		0.00		0.00																	
												30 Other		0.00		0.00																	
												31 Other		0.00		0.00																	
												TOTALS		24.00		1819.00		NIGHT CONTROL ROOM SUP		Andy Slusarchuk													
Cost Input																																	
Cost Type		Charge		Code		Description		Vendor		Unit Cost		Quantity		Cost		Carry Over																	
8500		0.094		SUPERVISION / CONTRACT		Diego Barreda/Marcus Jenkins		Rusco Operating LLC				1.0				Yes																	
8500		0.094		SUPERVISION / CONTRACT		Andy Slusarchuk /Chris Huff		Rusco Operating LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants		Hoppe's Construction LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Internet & Intercoms		versat Communications US				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Forklift \$150/day		Roland Field Services LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks		Blueprint Oilfield Services Inc				1.0				Yes																	
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters		Divine Energy Services Inc				1.0				Yes																	
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks		Divine Energy Services Inc				1.0				Yes																	
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection		Pason				1.0				Yes																	
8500		0.01		DRILLING RIG		Citadel Rig #3		Citadel Drilling				1.0				Yes																	
8500		0.024		SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank		Johnso Specialty Tools LLC				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter		Iron Horse Tools LLC				1.0				Yes																	
8500		0.124		TY AND EMERGENCY RESP		H2s Compliance Package		American Safety Services, In				1.0				Yes																	
8500		0.066		DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands		KSW Oilfield Rental LLC				1.0				Yes																	
8500		0.198		MUD LOGGING		Mud Logging Service		okstone Analytics Mud Log				1.0				Yes																	
8500		0.024		SURFACE RENTALS		Minion Tank		Think Tank				1.0				Yes																	
8500		0.03		DOWNHOLE RENTALS		(12) 8" Drill Collars		Platinum Pipe Rentals LLC																									



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Ameredev LLC																				Report # 78																			
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, March 11, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																	
		12/27/2020		74										14,561		14,561		0		0		0																	
Current Operation				Washing and Reaming down @ 13,900'				Next 24 Hours				Wash and ream to bottom, Drill 8 1/2" Production hole section.																											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size											
Surface		24		1,383		1,383												410		14.80000		1.33000		0		635 / 410		26											
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem												22											
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35				17 1/2											
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8.525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Morrow				2,799		3,279		4,139		30		30		30		30		30		30																			
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (GA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																			
5.0		6.500		266.3933053		420		167		1.32						13,235		13.2		2,202																			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
3.52		5.5		12		73		3.52		5.5		12		73		73		514				2,460																	
MW IN		MW OUT		VIS IN		VIS OUT		PV		YF		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT									
10.0		10.0		39.0		39.0		4.0		31.0		8.0		14.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0									
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM																	
8.00		0.30		0.10		0.00		20000.00		4000.00		0.00		99.00		0.00		0.00		0.00		0.00																	
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
29				8 1/2		Baker		VG28		5309822		20		20		20		0		0		0		0		0		0		0		0.9204							
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
9/1/1997 0:00		3/9/2021 14:00		13759		14052		35.14		17.14		732110		23.4		12.5		3		7		BT		A		E		I		LT		Reason Of Non-Completion							
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA							
30				8 1/2		Baker		D505TX		5316449		16		16		16		16		16		0		0		0		0		0		0.9817							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON							
3/9/2021 18:30		3/9/2021 19:30		14052		14561		26.22		65.71		9		59.9		8.5		1		3		BT		S		X		I		CT		Reason Of Non-Completion							
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																							
0				1,085								DAILY SOLIDS				0				OWNER																			
FUEL ON HAND				TOTAL FUEL USED				Gel				Mica				ABO				DAILY SOLIDS <td colspan="4">0</td> <td colspan="4">OWNER</td>				0				OWNER											
8,928				108,435																TOTAL SOLIDS				0				DAILY BBLs				0							
PICKUP WT.				AVG. DRAG				15 <th colspan="4">Poly Plus</th> <th colspan="4">Quick Thin</th> <th colspan="4">PolyPac UI</th> <td colspan="4">TOTAL SOLIDS</td> <td colspan="4">0</td> <td colspan="4">DAILY BBLs</td> <td colspan="4">0</td>				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
188				15																				DAILY DISPOSAL COSTS				CUM BBLs				0							
ROTATING WT.				MAX. DRAG				18 <th colspan="4">Caustic</th> <th colspan="4">Soda Ash</th> <th colspan="4">Gelex</th> <td colspan="4">DAILY DISPOSAL COSTS</td> <td colspan="4">CUM BBLs</td> <td colspan="4">0</td>				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs				0							
186				18																				DAILY LIQUIDS				0				TOTAL LIQUIDS				0			
SLACKOFF WT.				TQ ON BTM				13,000 <th colspan="4">Bar</th> <th colspan="4">Lime</th> <th colspan="4">Tackle</th> <td colspan="4">DAILY LIQUIDS</td> <td colspan="4">0</td> <td colspan="4">TOTAL LIQUIDS</td> <td colspan="4">0</td>				Bar				Lime				Tackle				DAILY LIQUIDS				0				TOTAL LIQUIDS				0			
185				13,000																				TOTAL LIQUIDS				0				TOTAL LIQUIDS				0			
BHA HOURS				TQ OFF BTM				10,000 <th colspan="4">Pac-R</th> <th colspan="4">Alum Ster</th> <th colspan="4">Cost</th> <td colspan="4">TOTAL LIQUIDS</td> <td colspan="4">0</td> <td colspan="4">TOTAL LIQUIDS</td> <td colspan="4">0</td>				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0				TOTAL LIQUIDS				0			
6				10,000																				TOTAL LIQUIDS				0				TOTAL LIQUIDS				0			
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																															
9.50				6: Tripping				TOH with plugged string, 8 1/2" bit & motor assembly wet. From 12641 ft to BHA at 726 ft. Reduced pulling speed due to excessive wind.																															
2.50				20: Directional Work				Rack BHA, L/D MWD, motor and stabilizer. P/U new motor, install float, M/U bit, scribe. Install MWD tool and M/U Pony sub. TH DCS.																															
3.50				6: Tripping				TIH with 8 1/2" bit & motor assembly from 539 ft to 3300 ft, function test MWD and continue to 8006 ft.																															
0.50				6: Tripping				Install rotating head element, observe well static.																															
1.75				6: Tripping				TIH from 8006 ft to 13300 ft.																															
0.25				7: Lubricate Rig				Rig Service																															
0.50				5: Cond. Mud & Circ				Record base lines, P/U 297k, S/O 266k, RT 288k. At 500 gpm 2250 psi, at 600 gpm 3100 psi. At 30 rpm 13k ft/lbs torque. SCR 30, 40, 50 spm 283, 368, 490 psi with 10 ppg.																															
5.50				3 Washing/Reaming				Wash & ream from 13,300 ft to 13,900 ft with 600 gpm, 3500 psi, 80 rpm, 16k ft/lbs torque while incorporating brine and target mud weight of 10.5 ppg. Observe intermittent flare. Ream based on torque and pump pressure trend. Spend extra time when torque increasing and observe shakers loading up periodically.																															



Ameredev LLC																	Report # 79				
Morning Drilling Report																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE							
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, March 12, 2021							
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FTHR		ROT HRS	
		12/27/2020		75								14,724		14,724		163		36		5	
Current Operation:				Drilling 8 1/2" Production section @ 14,724'				Next 24 Hours:				Drill 8 1/2" Production hole section.									
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Topl	SXS Cmt	Hole Size					
Surface	24			1,383	1,383											26					
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Morrow				2,799	3,279	4,139	30		30		30										
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.	COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	364.9223361	575	248	4.17							13,235		13.2		1,85#					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS	PUMP PRESSURE				
3.52	5.5			100	3.52	5.5			100					703	703		2,460				
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT					
10.5	10.5	43.0	41.0	10.0	20.0	12.0	19.0	40.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0					
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM										
10.00	0.30	0.20	1.10	51000.00	12000.00	0.00	86.00	0.00	0.00	0.00	0.00										
PREV BIT #	Re-Run	SIZE	MFR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
30		8 1/2	Baker	D505TX	5316449	16	16	16	16	16	0	0	0	0	0	0.9817					
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
6/21/1938 0:00	3/12/2021 2:00	14052	14593	26.10	66.25	725162	60.1	9	1	3	BT	S	X	I	CT	Reason of Production Loss					
CUR. BIT #	Re-Run	SIZE	MFR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
31		8 1/2	Halliburton	GTD740	13083534	13	13	13	13	13	13	13	0	0	0	0.9073					
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
3/12/2021 2:00	3/12/2021 6:00	14593	14724	21.67	23.33	4	32.8	4													
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER					
0				2,655								DAILY SOLIDS				OWNER					
FUEL ON HAND				TOTAL FUEL USED								TOTAL SOLIDS <th colspan="4">DAILY BBLs</th>				DAILY BBLs					
6,273				111 090				Gel				0				0					
PICKUP WT.				AVG. DRAG				Poly Plus <th colspan="4">PolyPac UI<th colspan="4">DAILY DISPOSAL COSTS</th></th>				PolyPac UI <th colspan="4">DAILY DISPOSAL COSTS</th>				DAILY DISPOSAL COSTS					
188				15				Poly Plus				PolyPac UI				CUM BBLs					
ROTATING WT.				MAX. DRAG				Caustic <th colspan="4">Gelex<th colspan="4">DAILY LIQUIDS</th></th>				Gelex <th colspan="4">DAILY LIQUIDS</th>				DAILY LIQUIDS					
186				18				Caustic				Gelex				0					
SLACKOFF WT.				TQ. ON BITM				Bar <th colspan="4">Tackle<th colspan="4">DAILY LIQUIDS</th></th>				Tackle <th colspan="4">DAILY LIQUIDS</th>				DAILY LIQUIDS					
185				17,000				Bar				Tackle				0					
BHA HOURS				TQ. OFF BITM				Pac-R <th colspan="4">Alum Ster<th colspan="4">TOTAL LIQUIDS</th></th>				Alum Ster <th colspan="4">TOTAL LIQUIDS</th>				TOTAL LIQUIDS					
30				10,000				Pac-R				Alum Ster				0					
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																					
HOURS	TIME CODE			No Accidents, Spills or Inspections to report.																	
6.00	3: Washing/Reaming			Safety meeting. Wash & ream from 13095' to 14125' 13-26k TQ, 100 RPM, 700-750 GPM. Hole unloading bulky cuttings/cavings (0.25 to 2" long)																	
3.00	3: Washing/Reaming			Wash and ream from 14125' to 14190'. RCD upper seals started leaking. Worked pipe 3 times to change out rotating head.																	
0.50	24: Drill Cmt / Shoe Test			C/O RCD																	
10.00	3: Washing/Reaming			Wash and ream from 14190 ft to 14561 ft with 70-100 rpm, 650-750 gpm, 15-23k ft/lbs torque. Back-ream every stand prior to proceeding to connection. Mud 10.5 ppg with 64k chlorides. Progress restricted to torque and packing off occasionally.																	
0.50	2: Drilling			Rotate w/ Bit #30 From 14561' to 14593' (64'ft/hr) w/ 25 WOB, 70 Surf RPM, 222.4 Motor RPM. Diff 555 psi, through open MPD chokes with 10.5 ppg, small flare.																	
1.75	2: Drilling			Slide w/ Bit #31 From 14593' to 14637' (25'ft/hr) w/ 20 WOB, 0 Surf RPM, 214.4 Motor RPM.																	
1.00	2: Drilling			Rotate w/ Bit #31 From 14637' to 14687' (50'ft/hr) w/ 25 WOB, 70 Surf RPM, 214.4 Motor RPM.																	
1.25	2: Drilling			Slide w/ Bit #31 From 14687' to 14724' (30'ft/hr) w/ 20 WOB, 0 Surf RPM, 214.4 Motor RPM.																	



Ameredev LLC																Report # 80																															
Morning Drilling Report																																															
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																																	
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sat, March 13, 2021																																	
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																											
		12/27/2020		76								15,260		15,260		536		34		16																											
Current Operation				POOH @ 11,900'				Near 24 Hours				POOH, C/O BHA, TH, Drill 8 1/2" Production hole section.																																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size																			
Surface		34		1,383		1,383																						26																			
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		HalCem		410		14,80000		1,33000		0		635 / 410		22																			
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12,219		10,030		4,800		3,191				0.349 bbls/ft		1,051.00000		3118.9/5350.35				17 1/2																			
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8,525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4																			
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																											
Barnet				2,799		3,279		4,139		30		30		30		30		30		30																											
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHF/SQ IN BIT DIA		COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP																											
5.0		6.500		343.0269959		540		233		3.47								13.2		1,658																											
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																									
3.52		5.5		12		94		3.52		5.5		12		94		3.52		5.5		661		5,000																									
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT															
10.5		10.5		53.0		53.0		11.0		53.0		15.0		18.0		50.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0															
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM																									
8.00		0.20		0.05		0.20		76000.00		9200.00		0.00		86.00		0.00		0.00		0.00		0.00																									
PREV BIT #		Re-Run		SIZE		MFR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA															
30				8 1/2		Baker		D505TX		5316449		16		16		16		16		16		0		0		0		0		0		0.9817															
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON															
6/21/1936 0:00		3/12/2021 2:00		14052		14593		26.10		66.25		725162		60.1		9		1		3		BT		S		X		I		CT		New Equipment															
CUR. BIT #		Re-Run		SIZE		MFR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA															
31				8 1/2		Halliburton		GT074D		13083534		13		13		13		13		13		13		13		13		0		0		0.9073															
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON															
3/12/2021 1:00				14593		15260		21.00		47.69		23		33.4		20						DULL		LOC.		BEARING		GAUGE		OTHER																	
FUEL DELIVERED				7,000				FUEL USED TODAY				2,012				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																							
FUEL ON HAND				11,461				TOTAL FUEL USED				113,102				Gel				Mica				ASO				DAILY SOLIDS				0				OWNER											
PICKUP WT.				326				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac Uli				TOTAL SOLIDS				0				DAILY BBL'S				0							
ROTATING WT.				295				MAX. DRAG				18				Caustic				Soda Ash				Galex				DAILY DISPOSAL COSTS				0				CUM BBL'S				0							
SLACKOFF WT.				269				TD, ON BTM				19,000				Bar				Lime				Tackle				DAILY LIQUIDS				0															
BHA HOURS				54				TQ OFF BTM				15,000				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0															
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																							
1.00				2: Drilling				Slide w/ Bit #31 From 14724' to 14729' (5"/hr) w/ 20 WOB, 10 Surf RPM, 224 Motor RPM.																																							
1.00				2: Drilling				Rotate w/ Bit #31 From 14729' to 14790' (61"/hr) w/ 20 WOB, 80 Surf RPM, 224 Motor RPM.																																							
1.00				2: Drilling				Slide w/ Bit #31 From 14790' to 14810' (20"/hr) w/ 20 WOB, 10 Surf RPM, 224 Motor RPM.																																							
1.00				5: Cond. Mud & Circ				After sliding to 14810', the motor stalled out and gained 600 psi of SPP. MWD tool without signal. Worked stand due to hole conditions.																																							
1.50				2: Drilling				Rotate w/ Bit #31 From 14810' to 14877' (45"/hr) w/ 25 WOB, 80 Surf RPM, 208 Motor RPM. After drilling to 14877', pick stand back up to 14810' to sync MWD tool and relog.																																							
2.50				2: Drilling				Slide w/ Bit #31 From 14877' to 14930' (21"/hr) w/ 20 WOB, 10 Surf RPM, 224 Motor RPM.																																							
0.50				2: Drilling				Rotate w/ Bit #31 From 14930' to 14972' (84"/hr) w/ 25 WOB, 80 Surf RPM, 208 Motor RPM.																																							
0.50				7 Lubricate Rig				Rig Service																																							
0.25				2: Drilling				Rotate w/ Bit #31 From 14972' to 14980' (32"/hr) w/ 25 WOB, 80 Surf RPM, 208 Motor RPM.																																							
0.50				2: Drilling				Slide w/ Bit #31 From 14980' to 15020' (80"/hr) w/ 20 WOB, Surf RPM, 224 Motor RPM. Diff 300 psi with 5300 psi standpipe, returns through MPD open chokes, 10.5 ppg mud.																																							
1.00				2: Drilling				Rotate w/ Bit #31 From 15020' to 15075' (55"/hr) w/ 25 WOB, 60 Surf RPM, 208 Motor RPM.																																							
1.50				3 Washing/Reaming				After connection, work pipe at 15075 ft, observe rotary stall with 26k ft/lbs and hole pack off. Establish circulation at reduced rate, reciprocate pipe. Mud pump down, change out valve and seat while establishing free zone with pipe. Cap seal fails on same pump, repair cap seal. Put both pumps on line. Mud in 10.1 ppg, out 9.9 ppg, running both centerfuges to reduce fine solids. Attempt to slide.																																							
0.75				2: Drilling				Rotate w/ Bit #31 From 15075' to 15085' (13"/hr) w/ 25 WOB, 80 Surf RPM, 208 Motor RPM. Diff 400 psi with 5000 psi standpipe pressure.																																							
0.75				2: Drilling				Slide w/ Bit #31 From 15085' to 15098' (17"/hr) w/ 20 WOB, Surf RPM, 224 Motor RPM. Hold Mag 270, Diff 300 while circulating through open MPD choke, observe flare.																																							
5.25				2: Drilling				Rotate w/ Bit #31 From 15098' to 15260' (31"/hr) w/ 5 WOB, 60 Surf RPM, 209.92 Motor RPM. Control Drill @ 35ft/hr, condition mud. At 15260 ft pump pop-off blew at 6500 psi. Replace pop-off valve, cannot pump down string. Motor plugged. Prepare to Strip out of hole pumping across wellhead with rig pump while holding back pressure with MPD.																																							
5.00				6: Tripping				Line up on choke line to pump across wellhead with rig pump while holding back pressure with MPD. Strip out of hole from 15260 ft to 13,300 ft. Flow Check (Static) POOH on elevators T/ 11,900'																																							
24.00																				No Accidents, Spills or Inspections to report																											
QTY				BHA ITEM				LENGTH				TIME DISTRIBUTION				DAILY				CUM				KOP MD/TVD				Pen Pt MD/TVD				Lndg Pt MD/TVD															
1				8.5" PDC 7 Blade				1.00				1 MIRU/RODMO				0.00				81.00																											
1				NOV 7" (SLICK SLEEVE) 6/7 7.8 ERT FBH 1.25"				32.00				2 Drilling				16.00				352.75				Depth				Dev				Azi				TVD				VS				DLS			
1				6 3/4" UBHQ				3.00				3 Washing/Reaming				1.50				41.00				12,170				1.53				98				12,165				-111.08				0.22			
1				6 3/4" NMDC				29.00				4 Lost Circulation				0.00				11.75				12,264				1.42				101				12,259				-112.99				0.14			
1				6 3/4" Poroy				15.00				5 Cond. Mud & Circ				1.00				123.00				12,359				1.35				95				12,354				-114.77				0.16			
1				8 1/4" IBS Stabilizer (BFF)				5.00				6 Tripping				5.00				463.25				12,453				1.39				91				12,448				-116.39				0.12			
15				6 1/2" DCS				455.00				7 Lubricate Rig				0.50				11.75				12,548				1.44				89				12,543				-117.99				0.06			
24				5" HWDP				726.00				8 Rig Repair				0.00				25.50				12,642				1.63				83				12,637				-119.57				0.28			
												9 Cut Drig Line				0.00				9.50				12,737				1.87				82				12,732				-121.26				0.25			
												10 Deviation Survey				0.00				0.50				12,831				2.11				85				12,826				-123.20				0.27			
												11 Wireline Logging				0.00				74.00				12,926				2.15				86				12,921				-125.40				0.07			
												12 Run Casing				0.00				94.50				13,020				2.28				84				13,015				-127.63				0.17			
												13 Cement Casing				0.00				44.75				13,115				2.60				82				13,110				-130.00				0.34			
												14 Wait On Cement				0.00				20.00				13,238				3.28				81				13,233				-133.59				0.55			
												15 NU BOP's				0.00				106.75				13,315				3.54				84				13,309				-136.27				0.40			
												16 Test BOP's				0.00				30.00				13,410				4.17				84				13,404				-140.14				0.66			
												17 Plug Back				0.00				0.00				13,504				2.55				94				13,498				-143.74				1.81			
												18 Squeeze Cmt				0.00				0.00				13,599				2.58				94				13,593				-146.85				0.04			
												19 Fishing				0.00				42.75				13,694				2.60				91				13,688				-149.92				0.14			
												20 Directional Work				0.00				34.25				13,783				3.12				81				13,777				-152.68				0.82			
												21 Weather				0.00				0.00				13,878				3.41				84				13,872				-155.85				0.37			
												22 Well Control				0.00				192.50				13,972				3.17				88				13,965				-159.27				0.34			
												23 Waiting-Orders/Equip				0.00				0.00				Planned VS				feet @				azimuth															
												24 Drill Cmt / Shoe Test				0.00				7.75								DAY DRILLING FOREMAN								CELL PHONE NUMBER											
												25 Jet & Clean Pits				0.00				0.00								Diego Barreda																			
Joints				DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50						NIGHT DRILLING FOREMAN								CELL PHONE NUMBER															
219				DP		5		19.5		S-135		6903.28		27 Other		0.00		79.50						Stephen Ritter																							
														28 Other		0.00		13.75						AMEREDDEV PERSONELL																							
														29 Other		0.00		0.00						DRILLING SUPERINTENDENT								JT Wilkerson															
														30 Other		0.00		0.00						DRILLING ENGINEER								John Zabaldano															
														31 Other		0.00		0.00						DAY CONTROL ROOM SUP								Chris Huff															
														TOTALS		24.00		1915.00						NIGHT CONTROL ROOM SUP								Andy Slusarchuk															
Cost Input																																															
Cost Type		Charge		Code		Description						Vendor		Unit Cost		Quantity		Cost		Carry Over																											
8500		0.094		SUPERVISION / CONTRACT		Diego Barreda/Stephen Ritter						Rusco Operating LLC				1.0				Yes																											
8500		0.094		SUPERVISION / CONTRACT		Andy Slusarchuk /Chris Huff						Rusco Operating LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants						Hoppe's Construction LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Internet & Intercoms						versat Communications US				1.0				Yes																											
8500		0.024		SURFACE RENTALS		Forklift \$150/day						Boland Field Services LLC				1.0				Yes																											
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks						Blueprint Oilfield Services				1.0				Yes																											
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters						Drvine Energy Services Inc				1.0				Yes																											
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks																																									



Ameredev LLC																	Report # 81																
Morning Drilling Report																																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																			
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Sun, March 14, 2021																			
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		F1/HR		ROT HRS											
		12/27/2020		77										15,260		15,260		0		0		0											
Current Operation:				Washing and reaming down @ 14517'						Next 24 Hours:		Wash and ream to bottom, Drill 8 1/2" Production hole section.																					
Type	Casing Specs			Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size					
Surface	24			1,383		1,383																						26					
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem		635,000		11		3		HalCem		410		14,80000		1,33000		0		635 / 410		22					
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375		12,219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681		8,525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000		/		12 1/4							
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI													
Barnet				2,799		3,279		4,139		30		30		30		30		30		30													
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0		6.500		343.0269959		540		201		2.55						13,235		13.2		5,000													
GPS #1		LINER X STROKE			SPM #1		GPS #2		LINER X STROKE			SPM #2		GPS #3		LINER X STROKE			SPM #3		GPM		PUMPS		PUMP PRESSURE								
3.52		5.5			12		94		3.52		5.5			12		94			661						5,000								
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT	
10.4		10.4		41.0		41.0		7.0		30.0		14.0		17.0		50.0		0.0		0.0		0.0		0.0		8.3		0.0		0.0		0.0	
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME		ES		LCM											
7.00		0.20		0.05		0.20		77000.00		6400.00		0.00		86.50		0.00		0.00		0.00		0.00											
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
31				8 1/2		Halliburton		GTD74D		13083534		13		13		13		13		13		13		13		0		0		0		0.9073	
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
3/12/2021 2:00		3/13/2021 1:00		14593		15260		21.00		47.69		23		33.4		20		1		3		BT		S		X		I		2 PM		Motor Failure	
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
32				8 1/2		Varel		FY713P-F		6021458		14		14		14		14		14		14		14		0		0		0		1.0523	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
				0		0										0																	
FUEL DELIVERED				0		FUEL USED TODAY				844		MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL				FRESH WATER											
FUEL ON HAND				10,617		TOTAL FUEL USED				113,946		Gel		Mica		ABO		DAILY SOLIDS				0		OWNER									
PICKUP WT.				326		AVG. DRAG				15		Poly Plus		Quick Thin		PolyFac Ul		TOTAL SOLIDS				0		DAILY BBLs		0							
ROTATING WT.				295		MAX. DRAG				18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS				0		CUM BBLs		0							
SLACKOFF WT.				269		TQ. ON BTM				19,000		Bar		Lime		Tackle		DAILY LIQUIDS				0											
BHA HOURS				1		TQ. OFF BTM				15,000		Pac-R		Alum Ster		Crest		TOTAL LIQUIDS				0											
HOURS				TIME CODE															CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )														
8.00				6: Tripping			Continue TOH for motor failure & plugged string with 8.5" bit #31 and motor assembly BHA #32 from 11696 ft to 1700 ft. (Reduce trip speed due to high winds).																										
0.50				6: Tripping			Remove RCD element, install trip nipple. Observe well static.																										
1.75				6: Tripping			TOH from 1700 ft to BHA.																										
1.25				20: Directional Work			Break off stabilizer, drain motor, break bit. Lay down mud motor, P/U new motor, install stabilizer on top of motor. M/U new 8.5" bit and scribe.																										
2.00				6: Tripping			TIH from 300 ft to 3300 ft.																										
0.25				5: Cond. Mud & Circ			Fill pipe, function test MWD.																										
2.50				6: Tripping			Continue TIH with 8.5" bit and motor assembly from 3300 ft to 8040 ft. (Reduce trip speed due to high winds).																										
1.25				6: Tripping			Install RCD element, leaking. Upon removal observe packer split. This wear is not consistent with normal wear. Install new MPD element and bearing assembly.																										
2.50				6: Tripping			TIH with returns through MPD open chokes from 8040 ft to 9 5/8" shoe, bit and motor outside into 12 1/4" rat-hole.																										
1.00				27: Other			Spring ahead, establish circulation with 10 ppg brine. Slip & cut drilling line.																										
1.25				6: Tripping			Trip in hole 1/ 13916'. String started taking weight. Attempt to trip on elevators with no success. Screw into drill pipe to wash down.																										
1.75				3: Washing/Reaming			Wash and ream down 1/13916' to 14517' Holding back pressure with MPD to mitigate condensation coming out of flare stack while reaming. 5-15' flare.																										



Ameredev LLC																	Report # 82						
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, March 15, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perct of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS			
		12/27/2020		78								15,270		15,270		10		20		1			
Current Operation				Drilling 8 1/2" Production Hole @ 15,270'						Near 24 Hours		Drill 8 1/2" Production hole section.											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	S/S Cmt	Hole Size					
Surface	24			1,383		1,383												26					
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	HalCem	410	14,80000	1,33000	0	635 / 410	22					
Intermediate	13.625" Q-125 88.2# BTC			0		7,150		12,375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8,681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	30		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ. IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP								
5.0	6.500	255.4456352	402	150	1.02						13,235		13.2		2,133								
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE					
3.52	5.5			12	70	3.52			5.5	12	70			13	492	2,559							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
10.1	10.1	41.0	41.0	6.0	22.0	14.0	18.0	50.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM												
9.00	0.30	0.15	0.28	90000.00	3400.00	0.00	88.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
31		8 1/2	Halliburton	GTD74D	1308353A	13	13	13	13	13	13	13	13	0	0	0.9073							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/12/2021 2:00	3/13/2021 1:00	14593	15260	21.00	47.69	23	33.4	20	1	3	BT	S	X	I	2 PN	Motor failure							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
32		8 1/2	Varel	FY713P-F	6021458	14	14	14	14	14	14	14	14	0	0	1.0523							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/15/2021 5:30	3/15/2021 6:00	15260	15270	20.00	60.00	0.5	20.0	0.5															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
0				1,689								DAILY SOLIDS				DAILY SOLIDS							
8,928				TOTAL FUEL USED				115,635				Gel				Mica							
PICKUP WT.				329				AVG. DRAG				15				Poly Plus				Quick Thin			
ROTATING WT.				304				MAX. DRAG				18				Caustic				Soda Ash			
SLACKOFF WT.				275				TQ. ON BTM				19,000				Bar				Lime			
BHA HOURS				26				TQ OFF BTM				15,000				Pac-R				Alum Ster			
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
4.00				3: Washing/Reaming				Safety meeting. Wash and ream from 14500' to 14767'															
5.00				3: Washing/Reaming				Worked tight hole. Back reaming as needed to free point from 14767' to 14150'. Pulled a maximum of 485 kbls and slacked off to a minimum of 150 kbls. Established circulation @ 600 GPM. Hole unloading cuttings and cavings.															
6.50				3: Washing/Reaming				Wash and ream with 8 1/2" bit and motor assembly from 14150 ft down to 14926 ft with 600 gpm, 3234 psi, 60 rpm and torque between 16k and torque limit of 26k ft/lbs with 10 ppg mud. Clean out as Diff & torque would allow. Returns through MPD open chokes. Observe MPD chokes plugged up with cuttings. Opla line up on gut bypass line while clean out chokes. Once chokes cleaned out, remain on bypass line. Periodic flare from 1 foot to 8 ft. Cuttings periodically coming up heavy on the shaker, 15% cavings.															
1.00				5: Cond. Mud & Circ				At 14926 ft observe stall with 26k ft/ lbs and hole pack off. Bleed off pressure, reciprocate pipe max 420k up and 270k down until work free cone, stage up mud pump until returns observed. Once 550 gpm established, engage rotary at 60 rpm with 18k ft/ lbs torque.															
0.25				5: Cond. Mud & Circ				Change out valve and seat mud pump #2, circulate and reciprocate with mud pump #1 @ 14926 ft.															
1.75				3: Washing/Reaming				Wash and ream from 14926 ft to 14990 ft with pump #2, mud pump #1 down with power drive issue, trouble shoot.															
1.50				8: Rig Repair				Mud pump #2 down for swab & liner, put pump #1 back on line. Reciprocate pipe with reduced pump rate pump, 296 gpm, 1339 psi, 20 rpm & 18k ft/lbs torque, with 10 ppg mud.															
3.50				3: Washing/Reaming				Continue wash & ream with pump #2 with 493 gpm, 2455 psi, 60 rpm, 16-19k ft/lbs torque from 14990 ft to xxxx ft. Rig crew repair drive-chains of Power End mud pump #1. Rig intake new 10 ppg brine into Frac tanks in preparation to displace hole to new brine. Received 400 BBLs from the Ameredev Herkimer facility. Received 800 BBLs from the Intrepid secondary facility, primary Intrepid Battle X facility no brine. Mud weight 10 ppg with intermittent flare 1 ft - 8 ft.															
0.50				2: Drilling				Rotate w/ bit #32 from 15260' to 15270' (20ft/hr) w/ 20 WOB, 60 Surf RPM, 192 Motor RPM.															



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Released to Imaging: 11/1/2021 1:23:09 PM



Ameredev LLC																	Report # 85						
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE										
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Thu, March 18, 2021										
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS			
		12/27/2020		81								15,390		15,390		0		0		0			
Current Operation:				Tripping in Hole.				Next 24 Hours:				Trip in & clean out hole.											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24			1,383		1,383												26					
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	HalCem	410	14,80000	1,33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Barnet				2,799		3,279		4,139	30		30		30										
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD			FRAC GRADIENT MW		MAX. ALLOWABLE SICF				
5.0	6.500	255.4456352	402	91	0.37									13,235			13.2		2,202				
GPS #1	LINER X STROKE			SPM #1	GPS #2			LINER X STROKE			SPM #2	GPS #3			LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE	
3.52	5.5			12	3.52			5.5			12	70							492			2,559	
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
10.0	10.0	28.0	28.0	1.0	4.0	1.0	2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00	88.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
32		8 1/2	Varel	FY713P-F	6021458	14	14	14	14	14	14	14	14	0	0	1.0523							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/15/2021 5:30	3/15/2021 12:30	15260	15390	20.00	34.00	7	22.6	5.75															
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
33		8 1/2	Halliburton	GTD74DHE	13096025	18	18	18	18	18	18	18	18	0	0	1.7395							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0					0															
FUEL DELIVERED				0		FUEL USED TODAY		965		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER					
FUEL ON HAND				6,032		TOTAL FUEL USED		118.531		Gel		Mica		ABQ		DAILY SOLIDS		0		OWNER			
PICKUP WT.				329		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0		DAILY BBLs			
ROTATING WT.				304		MAX. DRAG		18		Caustic		Soda Ash		Galex		DAILY DISPOSAL COSTS				CUM BBLs			
SLACKOFF WT.				275		TQ. ON BITM		19,000		Bar		Lime		Tackle		DAILY LIQUIDS		0					
BHA HOURS				26		TQ. OFF BITM		15,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0					
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
0.75		7: Lubricate Rig		Cut & Slip Drill Line and Rig Service.																			
1.00		6: Tripping		Trip in to 14,035' with elevators and hit tight spot.																			
9.75		3: Washing/Reaming		Wash and Ream from 14,035' to 14,296'. Hit tight spot and stuck pipe.																			
8.50		27: Other		Work tight hole from 14296 to 14096 , Pipe free @ 14096'																			
2.00		6: Tripping		Trip out of hole from 14096'																			
1.00		27: Other		Change BHA																			
1.00		6: Tripping		Trip in Hole																			
		</																					



Ameredev LLC																				Report # 86	
Morning Drilling Report																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE							
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, March 19, 2021							
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		82								15,390		15,390		0		0		0	
Current Operation:				Reaming Tight Hole.				Next 24 Hours:				Ream & Clean Hole.									
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24			1,383	1,383											26					
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14,80000	1,33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Barnet				2,799	3,279	4,139	30		30		30										
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	255.4456352	402	91		0.37						13,235		13.2		2,202					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE					
3.52	5.5			70	3.52	5.5		70					492			2,559					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT					
10.0	10.0	28.0	28.0	1.0	4.0	1.0	2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0					
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM										
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00	88.00	0.00	0.00	0.00	0.00										
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
32		8 1/2	Varel	FY713P-F	6021458	14	14	14	14	14	14	14	0	0	0	1.0523					
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
3/15/2021 5:30	3/15/2021 12:30	15260	15390	20.00	34.00	7	22.6	5.75													
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
33		8 1/2	Halliburton	GTD74DHE	13096025	18	18	18	18	18	18	18	0	0	0	1.7395					
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
		0	0					0	1	1	NO	A	X	IN	NO	Rate Of Penetration (ft/hr)					
FUEL DELIVERED				0		FUEL USED TODAY		1,689		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND				4,343		TOTAL FUEL USED		120 220		Gel		Mica		ABQ	DAILY SOLIDS		0	OWNER			
PICKUP WT.				329		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI	TOTAL SOLIDS		0	DAILY BBLs			
ROTATING WT.				304		MAX. DRAG		18		Caustic		Soda Ash		Gelox	DAILY DISPOSAL COSTS			CUM BBLs			
SLACKOFF WT.				275		TQ. ON BTM		19,000		Bar		Lime		Tackle	DAILY LIQUIDS		0				
BHA HOURS				26		TQ. OFF BTM		15,000		Pac-R		Alum Ster		Cost	TOTAL LIQUIDS		0				
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
5.00	6: Tripping		Trip in the hole to 12,039'. When filling pipe, the rig crew noticed the rotating head was leaking.																		
1.25	27: Other		Change Rotating head element, back up RCD was also leaking.																		
0.75	6: Tripping		Tripping in the hole from 12,039' to 13,412'																		
2.00	3: Washing/Reaming		Wash and ream from 13,412' to 14,288'																		



Ameredev LLC																							
Morning Drilling Report																							
Report # 87																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Sat, March 20, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		F/HR		ROT HRS	
		12/27/2020		83										15,390		15,390		0		0		0	
Current Operation:				Washing and Reaming hole.				Next 24 Hours:				Wash, Ream and Clean Hole.											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Topl	SXS Cmt	Hole Size					
Surface	24			1,383		1,383												26					
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	Halcem	410	14,80000	1,33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Barnet				2,799		3,279		4,139	90		30		30										
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF							
5.0	6.500	255.4456352	402	91		0.37						13,235		13.2		2,202							
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE							
3.52	5.5			12	3.52	5.5		12	70				492			2,559							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec		Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT						
10.0	10.0	28.0	28.0	1.0	4.0	1.0		2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0						
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL		WATER	O-W	LIME	ES	LCM											
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00		88.00	0.00	0.00	0.00	0.00											
PREV BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
32		8 1/2	Varel	FY713P-F	6021458	14	14	14	14	14	14	14	14	0	0	1.0523							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/15/2021 5:30	3/15/2021 12:30	15260	15390	20.00	34.00	7	22.6	5.75															
CUR. BIT #	Re-Run	SIZE	MFG#	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
33		8 1/2	Halliburton	GTD74DHE	13096025	18	18	18	18	18	18	18	18	0	0	1.7395							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0					0	1		NO	A	X	IN	NO								
FUEL DELIVERED				7,256		FUEL USED TODAY		1,947		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER					
FUEL ON HAND				9,652		TOTAL FUEL USED		122 167		Gel		Mica		ABQ		DAILY SOLIDS		0		OWNER			
PICKUP WT.				329		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0		DAILY BBLs		0	
ROTATING WT.				304		MAX. DRAG		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS				CUM BBLs		0	
SLACKOFF WT.				275		TQ. ON BTM		19,000		Bar		Lime		Tackle		DAILY LIQUIDS		0					
BHA HOURS				26		TQ. OFF BTM		15,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0					
HOURS				TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
3.00				3: Washing/Reaming		Wash and Ream from 14,288' to 14,333'																	
0.50				6: Tripping		Pull 3 stands to 14,050'																	
8.50				3: Washing/Reaming		Wash and ream from 14,050' to 14333'																	
0.50				5: Cond. Mud & Circ		Circulate Bottoms up before working on pumps isolation valve washed out between pumps.																	
0.75				27: Other		C/O Valve & Seat in #1 Mud Pump																	
1.00				3: Washing/Reaming		Wash and Ream from 14333' to 14340', ( Drill string plugged off)																	
1.25				6: Tripping		Trip out of hole to 13267' Establish circulation through Drill String.																	
0.50				27: Other		C/O 5" isolation valve between mud pumps																	
1.50				5: Cond. Mud & Circ		Pump slug, Trip out of hole for failed float valve																	
2.25				6: Tripping		Trip out of hole to 9,319																	
0.25				27: Other		Pick up String Float																	
1.50				6: Tripping		Trip in Hole to 13,030'																	
1.00				27: Other		Change out rotating head.																	
0.50				6: Tripping		Trip in Hole to 13,876'																	
1.00				3: Washing/Reaming		Wash and ream from 13,876' to 14,068'																	
24.00				No Accidents, Spills or Inspections to report.																			
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD									
1	8.5" Halliburton Bit			1.00		1: M/RU/ROMO		0.00	81.00														
1	Bit Sub			4.00		2: Drilling		0.00	358.50	Depth	Dev.	Azi.	TVD	VS	DLS								
1	6.75" UBHO Sub			2.59		3: Washing/Reaming		13.50	96.00	12,170	1.53	98	12,165	-111.08	0.22								
1	6.75" NMDC			36.79		4: Lost Circulation		0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14								
1	6.75" Pony DC			14.62		5: Cond. Mud & Circ		2.00	127.50	12,359	1.35	95	12,354	-114.77	0.16								
1	8.25" IBS Stabilizer			5.25		6: Tripping		6.00	525.75	12,453	1.39	91	12,448	-116.39	0.12								
18	6.5" Drill Collars			545.67		7: Lubricate Rig		0.00	14.00	12,548	1.44	89	12,543	-117.99	0.06								
24	5" HWDP			727.35		8: Rig Repair		0.00	31.50	12,642	1.63	83	12,637	-119.57	0.28								
						9: Cut Drig Line		0.00	9.50	12,737	1.87	82	12,732	-121.26	0.25								
						10: Deviation Survey		0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27								
						11: Wireline Logging		0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07								
						12: Run Casing		0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17								
						13: Cement Casing		0.00	44.75	13,115	2.60	82	13,110	-130.00	0.34								
						14: Wait On Cement		0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55								
						15: NU BOP's		0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40								
						16: Test BOP's		0.00	30.00	13,410	4.17	84	13,404	-140.14	0.66								
						17: Plug Back		0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81								
						18: Squeeze Cmt		0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04								
						19: Fishing		0.00	42.75	13,694	2.60	91	13,688	-149.92	0.14								
						20: Directional Work		0.00	35.50	13,783	3.12	81	13,777	-152.68	0.82								
						21: Weather		0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37								
						22: Well Control		0.00	192.75	13,972	3.17	88	13,965	-159.27	0.34								
						23: Waiting-Orders/Equip		0.00	0.00	Planned VS =		feet @		azimuth									
						24: Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER									
						25: Jet & Clean Pits		0.00	0.00	Diego Barrera													
Joints	DP ITEM	Motor RPG	OD	#/FT	GRADE	LENGTH	26: Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER								
219	DP	5	19.5	S-135	6903.28	27: Other		2.50	95.00	Stephen Ritter													
						28: Other		0.00	13.75	AMEREDDEV PERSONNEL													
						29: Other		0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson									
						30: Other		0.00	0.00	DRILLING ENGINEER				John Zabaldano									
				Kelly		7149.45	31: Other		0.00	0.00	DAY CONTROL ROOM SUP				David Pope								
				Total Depth		15390.00	TOTALS		24.00	2068.00	NIGHT CONTROL ROOM SUP				Ted Cheatwood								
Cost Input																							
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over										
8500	0.094	SUPERVISION / CONTRACT		Diego Barrera/Stephen Ritter				Rusco Operating LLC			1.0		Yes										
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood /David Pope				Rusco Operating LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications USA			1.0		Yes										
8500	0.024	SURFACE RENTALS		Forklift \$150/day				Roland Field Services LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes										
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes										
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes										
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason			1.0		Yes										
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling			1.0		Yes										
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC			1.0		Yes										
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC			1.0		Yes										
8500	0.124	ITY AND EMERGENCY RESPN		H2s Compliance Package				merican Safety Services, In			1.0		Yes										
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC			1.0		Yes										
8500	0.198	MUD LOGGING		Mud Logging Service				ckstone Analytics Mud Logg			1.0		Yes										
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes										
8500	0.048	LL CONTROL EQUIP / SERVI		Rotating Head & MPD				Opla			1.0		Yes										
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost - Operating				Halliburton Energy Services			1.0		Yes										
8500	0.06	D, ADDITIVES, AND CHEMIS		Mud additives & driveby mud check				NOVA Mud			1.0		Yes										
8500	0.032	DIRECTIONAL DRILLING		Learn Motor Rental				Learn			1.0		Yes										
8500	0.024	SURFACE RENTALS		Kelly Hose Re-stock Fee				Citadel Drilling			1.0		No										
8500	0.072	CEMENTING		Kick off plug for cancelled side-track				TransTex Cementing Service			1.0		No										
8500	0.06	D, ADDITIVES, AND CHEMIS		Brine Water 10# for drilling 500 BBL				Intrepid Potash Inc			1.0		No										
8500												\$	-										
8500												\$	-										
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Ameredev LLC																				Report # 92			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, March 25, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		88										15,390		15,390		0		0		0	
Current Operation:				Picking up BHA #36				Next 24 Hours:				Pick up BHA, trip in hole, dress cement, time drill & sidetrack off cement plug.											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24			1,383		1,383													26				
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	HalCem	410	14,80000	1,33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	30		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.			COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF						
5.0	6.500	255.4456352	402	171	1.33								13,235		13.2		2,202						
GPS #1	LINER X STROKE			SPM #1	GPS #2			LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE			
3.52	5.5			12	70			5.5			12	70				492		2,559					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
10.0	10.0	28.0	28.0	1.0	4.0	1.0	2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00	88.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
35		8 1/2	Varel	HE37MRSV	1640061	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/0/1900 0:00	1/0/1900 0:00	0	0						n/a	n/a	n/a	n/a	n/a	n/a	n/a	Pst Loss							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
36		8 1/2	Varel	Insert	1640061	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0																				
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND				11,220				TOTAL FUEL USED				DAILY SOLIDS				OWNER							
PICKUP WT.				329				AVG. DRAG				TOTAL SOLIDS				DAILY BBLs							
ROTATING WT.				304				MAX. DRAG				DAILY DISPOSAL COSTS				CUM BBLs							
SLACKOFF WT.				275				TQ. ON BTM				DAILY LIQUIDS				0							
BHA HOURS				26				TQ. OFF BTM				TOTAL LIQUIDS				0							
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
0.75				5: Cond. Mud & Circ				Stopped at 12,200' to attempt to pump through drill string. Initially pressured up, but after working pipe, the pressure came off and we were able to circulate.															
0.75				6: Tripping				Trip in hole to casing shoe.															
2.00				3: Washing/Reaming				Wash from casing shoe to 14,206'															
2.50				5: Cond. Mud & Circ				Pump fluid caliper log.															
4.75				23: Waiting-Orders/Equip				Wait on Cement.															
1.75				13: Cement Casing				Circulate while Rigging up Cementers.															
1.75				13: Cement Casing				Spot Cement Kick off plug @ 14177', W/ 890 sks Class H Cement 150 bbls 17.5 ppg and .95 yield															
5.75				6: Tripping				Trip out of hole to 1280'															
3.75				6: Tripping				Lay Down tubing.															
0.25				27: Other				Pick up BHA #36															



Ameredev LLC																				Report # 93			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Fri, March 26, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS			
		12/27/2020		89								15,390		15,390		0		0		3			
Current Operation:				Time drilling @ 5 min/inch:				Next 24 Hours:				Time drill off cement plug and sidetrack well bore.											
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	Halcem	410	14,80000	1,33000	0	635 / 410	22							
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	90	30	30														
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF							
5.0	6.500	255.4456352	402	171	1.33							13,235		13.2		2,202							
GPS #1	LINER X STROKE			SPM #1	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE							
3.52	5.5			70	3.52			5.5	12	70			492			2,559							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
10.0	10.0	28.0	28.0	1.0	4.0	1.0	2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00	88.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
35		8 1/2	Varel	HE37MRSV	1640061	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/0/1900 0:00	1/0/1900 0:00	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	PSI Loss							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
36		8 1/2	Varel	Insert	1640061	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/26/2021 3:00	3/26/2021 6:00	13385	13389	4.00		3	1.3	3															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND				TOTAL FUEL USED								DAILY SOLIDS				OWNER							
				10,617				128.487				0				0							
PICKUP WT.				AVG. DRAG				Poly Plus				TOTAL SOLIDS				DAILY BBLs							
				329				15				0				0							
ROTATING WT.				MAX. DRAG				Caustic				DAILY DISPOSAL COSTS				CUM BBLs							
				304				2				0				0							
SLACKOFF WT.				TQ. ON BTM				Bar				DAILY LIQUIDS											
				275				19,000				0											
BHA HOURS				TQ. OFF BTM				15,000				0											
				26				Pac-R															
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
0.75				27: Other				Pick up Directional BHA.															
0.50				7: Lubricate Rig				Service Rig and Troubleshoot hydraulic elevators.															
2.25				27: Other				Pick up Directional BHA.															
1.25				8: Rig Repair				Troubleshoot hydraulic elevators and replace with manual elevators.															
3.50				6: Tripping				Trip in hole.															
0.25				5: Cond. Mud & Circ				Fill Pipe and test MWD.															
3.00				6: Tripping				Trip in the hole to 9117'.															
1.00				9 Cut Drig Line				Slip and Cut Drill Line.															
0.50				7 Lubricate Rig				Rig service															
0.75				8: Rig Repair				C/O linklit cylinder															
1.75				6: Tripping				Trip in hole from 9117' to 11971'															
5.50				3 Washing/Reaming				Wash from 11971' to 13348' (aged cement stringer @ 11971' and 12235', taped top of cement @ 13348' Dressed down to 13385' Drilling 200 fph w/10k wob.															
3.00				2 Drilling				Slide w/ Bit #36 From 13385' to 13389' (11'ft/hr) w/ 4 WOB, Surf RPM, Motor RPM, Time Drill 5 min/inch															
24.00								No Accidents, Spills or Inspections to report.															
QTY	BHA ITEM			LENGTH			TIME DISTRIBUTION			DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD					
1	8.5" Varel HE37MRSV (547) Bit			1.00			1: MURU/ROMO			0.00	81.00												
1	7.25" Team 7/8 8.5 FBH @1.75"			32.89			2: Drilling			3.00	361.50	Depth	Dev	Azi.	TVD	VS	OLS						
1	Float Sub			2.19			3: Washing/Reaming			5.50	134.00	12,170	1.53	98	12,165	-111.08	0.22						
1	Float Sub			3.00			4: Lost Circulation			0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14						
1	6.5" UBHO			3.95			5: Cond. Mud & Circ			0.25	132.00	12,359	1.35	95	12,354	-114.77	0.16						
1	6.75" NMDC			30.19			6: Tripping			8.25	568.50	12,453	1.39	91	12,448	-116.39	0.12						
1	6.75" NMDC			30.77			7: Lubricate Rig			1.00	16.50	12,548	1.44	89	12,543	-117.99	0.06						
18	6.5" DC's			545.67			8: Rig Repair			2.00	33.50	12,642	1.63	83	12,637	-119.57	0.28						
21	5" HWDP			635.77			9: Cut Drig Line			1.00	11.50	12,737	1.87	82	12,732	-121.26	0.25						
							10: Deviation Survey			0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27						
							11: Wireline Logging			0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07						
							12: Run Casing			0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17						
							13: Cement Casing			0.00	48.25	13,115	2.60	82	13,110	-130.00	0.34						
							14: Wait On Cement			0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55						
							15: NU BOP's			0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40						
							16: Test BOP's			0.00	30.00	13,410	4.17	84	13,404	-140.14	0.66						
							17: Plug Back			0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81						
							18: Squeeze Cmt			0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04						
							19: Fishing			0.00	54.50	13,694	2.60	91	13,688	-149.92	0.14						
							20: Directional Work			0.00	35.50	13,783	3.12	81	13,777	-152.68	0.82						
							21: Weather			0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37						
							22: Well Control			0.00	193.00	13,972	3.17	88	13,965	-159.27	0.34						
							23: Waiting-Orders/Equip			0.00	19.00	Planned VS =		feet @		azimurh							
							24: Drill Cmt / Shoe Test			0.00	7.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER							
							25: Jet & Clean Pits			0.00	0.00	Hesston Cheatwood											
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26: Regulatory			0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER								
219	DP	5	19.5	S-135	6903.28	27: Other			3.00	106.75	Marcus Jenkins												
						28: Other			0.00	13.75	AMEREDEV PERSONELL												
						29: Other			0.00	0.00	DRILLING SUPERINTENDENT						JT Wilkerson						
						30: Other			0.00	0.00	DRILLING ENGINEER						John Zabaldano						
						31: Other			0.00	0.00	DAY CONTROL ROOM SUP						David Pope						
						Total Depth			15390.00	TOTALS	24.00	2209.00	NIGHT CONTROL ROOM SUP						Ted Cheatwood				
Cost Input																							
Cost Type	Charge	Code		Description						Vendor		Unit Cost	Quantity	Cost	Carry Over								
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins						Rusco Operating LLC			1.0		Yes								
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood/David Pope						Rusco Operating LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants						Hoppe's Construction LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		Internet & Intercoms						versat Communications USA			1.0		Yes								
8500	0.024	SURFACE RENTALS		Forklift \$150/day						Boland Field Services LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks						Blueprint Oilfield Services			1.0		Yes								
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters						Divine Energy Services Inc			1.0		Yes								
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks						Divine Energy Services Inc			1.0		Yes								
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection.						Pason			1.0		Yes								
8500	0.01	DRILLING RIG		Citadel Rig #3						Citadel Drilling			1.0		Yes								
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank						Johnso Specialty Tools LLC			1.0		Yes								
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter						Iron Horse Tools LLC			1.0		Yes								
8500	0.124	ITY AND EMERGENCY RESPON		H2s Compliance Package						merican Safety Services, Inc			1.0		Yes								
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands						KSW Oilfield Rental LLC			1.0		Yes								
8500	0.198	MUD LOGGING		Mud Logging Service						ckstone Analytics Mud Logg			1.0		Yes								
8500	0.024	SURFACE RENTALS		Minion Tank						Think Tank			1.0		Yes								
8500	0.048	LL CONTROL EQUIP / SERVI		Rotating Head & MPD						Opla			1.0		Yes								
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check						NOVA Mud			1.0		Yes								
8500	0.032	DIRECTIONAL DRILLING		Leam Motor Rental						Leam			1.0		Yes								
8500	0.032	DIRECTIONAL DRILLING		MWD Services						AJM			1.0		Yes								
8500																							
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Released to Imaging: 11/1/2021 1:23:09 PM



Ameredev LLC																				Report # 95			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Sun, March 28, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS			
		12/27/2020		91								13,501		13,965		22		15		2			
Current Operation:				Orienting into sidetrack.				Next 24 Hours:				Trip to bottom and continue to rotate and slide according to plan.											
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14,80000	1.33000	0	635 / 410	22							
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	30		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.				COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF		
5.0	6.500	255.4456352	402	115	0.59								13,235				13.2		2,202				
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE					
3.52	5.5			12	70	3.52			5.5	12	70			492	2,559								
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec		Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT						
10.0	10.0	28.0	28.0	1.0	4.0	1.0		2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0						
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL		WATER	O-W	LIME	ES	LCM											
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00		88.00	0.00	0.00	0.00	0.00											
PREV BIT #	Re-Run	SIZE	MFR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
36		8 1/2	Varel	Insert	1640061	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/26/2021 3:00	3/27/2021 9:30	13385	13501	19.08	12.00	30.5	4.2	27.75	7	7	WT	ALL	1	1	WT	MWD Tool Failure							
CUR. BIT #	Re-Run	SIZE	MFR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
37		8 1/2	Utterra	U713M	54485	16	16	16	16	16	16	16	0	0	0	1.3744							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0					0															
FUEL DELIVERED				FUEL USED TODAY				845				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND				8,324				TOTAL FUEL USED				130 780				Gel				Mica			
PICKUP WT.				329				AVG. DRAG				15				Poly Plus				Quick Thin			
ROTATING WT.				304				MAX. DRAG				18				Caustic				Soda Ash			
SLACKOFF WT.				275				TQ. ON BTM				19,000				Bar				Lime			
BHA HOURS				26				TQ. OFF BTM				15,000				Pac-R				Alum Ster			
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
0.25				7: Lubricate Rig				Rig Service															
0.50				27: Other				Troubleshoot MWD.															
0.50				2: Drilling				Slide w/ Bit #36 From 13479' to 13485' (12"/hr) w/ 35 WOB, Surf RPM, Motor RPM.															
0.25				27: Other				Troubleshoot MWD.															
0.75				2: Drilling				Slide w/ Bit #36 From 13485' to 13495' (13"/hr) w/ 40 WOB, Surf RPM, Motor RPM.															
1.00				27: Other				Troubleshoot MWD.															
0.25				2: Drilling				Rotate w/ Bit #36 From 13495' to 13501' (24"/hr) w/ 35 WOB, 60 Surf RPM, Motor RPM.															
11.50				6 Tripping				Trip out of hole to change bit and check MWD.															
4.00				20 Directional Work				L/D top Monel DC, OBHO, Sub MWD, Motor, P/U motor, UBHO sub, Make up Bit, Scribe, install MWD, TH with BHA, Test MWD tool( Good TEST )															
0.50				7: Lubricate Rig				Service rig, Change Dies in top drive clamp and roughneck.															
4.50				6: Tripping				Trip in to 13,375'. Break Circulation and Orient Toolface to 180.															
</																							



Ameredev LLC																				Report # 96			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, March 29, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		92		\$		\$		\$				13,826		13,965		325		25		13	
Current Operation:				Tripping in Hole with BHA #38						Next 24 Hours:				Trip in Hole and drill.									
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift		Burst	Collapse		Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24			1,383	1,383													26					
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000		11	3		HalCem	410	14.80000	1.33000	0	635 / 410		22				
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219		10,030	4,800		3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/		17 1/2				
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8.525		6,870	5,740		1,086	1,122	0.073 bbls/ft	963.00000		/		12 1/4				
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	30		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP								
5.0	6.500	255.4456352	402	115	0.59		\$		\$		13,235		13.2		2,202								
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE								
3.52	5.5		12	70	3.52		5.5	12			492	492			2,559								
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
10.0	10.0	28.0	28.0	1.0	4.0	1.0	2.0	100.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O:W	LIME	ES	LCM												
8.00	0.20	0.05	0.20	135000.00	13200.00	0.00	88.00	0.00	0.00	0.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
37		8 1/2	Ultrerra	U713M	54485	16	16	16	16	16	16	16	0	0	0	1.3744							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
3/28/2021 8:00	3/28/2021 21:00	13501	13826	30.46	46.00	13	25.5	12.75	2	4	WT	G	X	IN	NO	Rate Of Penetration Issue							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
38		8 1/2	Halliburton	GTD74DHE	13526287	16	16	16	16	16	16	16	0	0	0	1.3744							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0					0															
FUEL DELIVERED				FUEL USED TODAY		0		MUD ADDITIVES IN LAST 24 HOURS						SOIL FARMING / MUD DISPOSAL				FRESH WATER					
FUEL ON HAND		8,324		TOTAL FUEL USED		130,780		Gel		Mica		ABO		DAILY SOLIDS		0	OWNER						
PICKUP WT.		329		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0	DAILY BBLS	0					
ROTATING WT.		304		MAX. DRAG		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS			CUM BBLS	0					
SLACKOFF WT.		275		TQ. ON BTM		19,000		Bar		Lime		Tackle		DAILY LIQUIDS		0							
BHA HOURS		26		TQ OFF BTM		15,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0							
HOURS	TIME CODE			CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
0.25	27: Other			Orient Toolface to 180.																			
0.25	20: Directional Work			Slide into Sidetrack without pumps. Cycle up MWD survey to confirm we are in sidetrack.																			
0.50	27: Other			Re-Log missing Gamma data from 13,437' to 13,480'.																			
0.75	27: Other			Change out leaking rotating head.																			
0.25	27: Other			Re-Log missing Gamma data from 13,480' to 13,501'.																			
0.25	2: Drilling			Rotate w/ Bit #37 From 13501' to 13514' (52'ft/hr) w/ 35 WOB, 60 Surf RPM, Motor RPM.																			
0.50	2: Drilling			Slide w/ Bit #37 From 13514' to 13529' (30'ft/hr) w/ 18 WOB, Surf RPM, Motor RPM.																			
0.50	2: Drilling			Rotate w/ Bit #37 From 13529' to 13546' (34'ft/hr) w/ 40 WOB, 60 Surf RPM, Motor RPM.																			
0.75	2: Drilling			Slide w/ Bit #37 From 13546' to 13557' (15'ft/hr) w/ 18 WOB, Surf RPM, Motor RPM.																			
0.75	2: Drilling			Rotate w/ Bit #37 From 13557' to 13577' (27'ft/hr) w/ 40 WOB, 60 Surf RPM, Motor RPM.																			
1.25	2: Drilling			Slide w/ Bit #37 From 13577' to 13602' (20'ft/hr) w/ 20 WOB, Surf RPM, Motor RPM.																			
2.75	2: Drilling			Rotate w/ Bit #37 From 13602' to 13672' (25'ft/hr) w/ 45 WOB, 70 Surf RPM, Motor RPM.																			
0.50	2: Drilling			Slide w/ Bit #37 From 13672' to 13713' (82'ft/hr) w/ 15 WOB, 0 Surf RPM, Motor RPM.																			
2.00	2: Drilling			Rotate w/ Bit #37 From 13713' to 13774' (31'ft/hr) w/ 45 WOB, 70 Surf RPM, Motor RPM.																			
0.25	7: Lubricate Rig			Service Rig																			
0.25	2: Drilling			Slide w/ Bit #37 From 13774' to 13776' (8'ft/hr) w/ 15 WOB, 0 Surf RPM, Motor RPM.																			
1.00	2: Drilling			Rotate w/ Bit #37 From 13776' to 13800' (24'ft/hr) w/ 45 WOB, 70 Surf RPM, Motor RPM.																			
1.25	2: Drilling			Slide w/ Bit #37 From 13800' to 13820' (16'ft/hr) w/ 15 WOB, 0 Surf RPM, Motor RPM.																			
1.00	2: Drilling			Rotate w/ Bit #37 From 13820' to 13826' (6'ft/hr) w/ 45 WOB, 70 Surf RPM, Motor RPM.																			
8.00	6: Tripping			Trip out of hole to check BHA																			
0.50	20: Directional Work			Change Inshpect BHA. Change Bit and re-run Motor and MWD.																			
0.50	6: Tripping			Tripping in Hole.																			
24.00									No Accidents, Spills or Inspections to report														
QTY	BHA ITEM				LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD									
1	8.5" Halliburton GTD74DHE				1.00	1: MIRU/RDMO		0.00	81.00														
1	7.25" Leam 7/8 8.5 FBH @1.50				36.00	2: Drilling		12.75	399.00	Depth	Dev.	Azi.	TVD	VS	DLS								
1	Float Sub				2.00	3: Washing/Reaming		0.00	134.00	12,170	1.53	98	12,165	-111.08	0.22								
1	Float Sub				3.00	4: Lost Circulation		0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14								
1	6.5" UBHO				4.00	5: Cond. Mud & Circ		0.00	132.00	12,359	1.35	95	12,354	-114.77	0.16								
1	6.75" NMDC				30.00	6: Tripping		8.50	593.00	12,453	1.39	91	12,448	-116.39	0.12								
1	6.75" NMDC				31.00	7: Lubricate Rig		0.25	17.75	12,548	1.44	89	12,543	-117.99	0.06								
18	6.5" DC's				546.00	8: Rig Repair		0.00	33.50	12,642	1.63	83	12,637	-119.57	0.28								
21	5" HWDP				636.00	9: Cut Drlg Line		0.00	11.50	12,737	1.87	82	12,732	-121.26	0.25								
						10: Deviation Survey		0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27								
						11: Wireline Logging		0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07								
						12: Run Casing		0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17								
						13: Cement Casing		0.00	48.25	13,115	2.60	82	13,110	-130.00	0.34								
						14: Wait On Cement		0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55								
						15: NU BOP's		0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40								
						16: Test BOP's		0.00	30.00	13,410	4.17	84	13,404	-140.14	0.66								
						17: Plug Back		0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81								
						18: Squeeze Cmt		0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04								
						19: Fishing		0.00	54.50	13,694	2.60	91	13,688	-149.92	0.14								
						20: Directional Work		0.75	40.25	13,783	3.12	81	13,777	-152.68	0.82								
						21: Weather		0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37								
						22: Well Control		0.00	193.00	13,972	3.17	88	13,965	-159.27	0.34								
						23: Waiting-Orders/Equip		0.00	19.00	Planned VS =		feet @		azimuth									
						24: Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER									
						25: Jet & Clean Pits		0.00	0.00	Hesston Cheatwood													
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26: Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER									
219	DP	5	19.5	S-135	6903.28	27: Other		1.75	110.75	Marcus Jenkins													
						28: Other		0.00	13.75	AMEREDDEV PERSONELL													
						29: Other		0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson									
						30: Other		0.00	0.00	DRILLING ENGINEER				John Zabaldano									
				Kelly	5633.72	31: Other		0.00	0.00	DAY CONTROL ROOM SUP				David Pope									
				Total Depth	13826.00	TOTALS		24.00	2281.00	NIGHT CONTROL ROOM SUP				Ted Cheatwood									
Cost Input																							
Cost Type	Charge	Code			Description				Vendor		Unit Cost	Quantity	Cost	Carry Over									
8500	0.094	SUPERVISION / CONTRACT			Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC			1.0		Yes									
8500	0.094	SUPERVISION / CONTRACT			Ted Cheatwood /David Pope				Rusco Operating LLC			1.0		Yes									
8500	0.024	SURFACE RENTALS			Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC			1.0		Yes									
8500	0.024	SURFACE RENTALS			Internet & Intercoms				yersat Communications US			1.0		Yes									
8500	0.024	SURFACE RENTALS			Forklift \$150/day				Boland Field Services LLC			1.0		Yes									
8500	0.024	SURFACE RENTALS			14 x Flat bottom Frac tanks				Blueprint Oilfield Services LLC			1.0		Yes									
8500	0.024	SURFACE RENTALS			4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes									
8500	0.024	SURFACE RENTALS			4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes									
8500	0.024	SURFACE RENTALS			PVT/Chokes \$477 plus \$70 on days with gas detection				Pason			1.0		Yes									
8500	0.01	DRILLING RIG			Citadel Rig #3				Citadel Drilling			1.0		Yes									
8500	0.024	SURFACE RENTALS			1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC			1.0		Yes									
8500	0.024	SURFACE RENTALS			Diverter Line, Drive over & Igniter				Iron Horse Tools LLC			1.0		Yes									
8500	0.124	TY AND EMERGENCY RESP			H2s Compliance Package				merican Safety Services, In			1.0		Yes									
8500	0.066	DS CONTROL EQUIP / SERV			Solid Control Equipment and Hands				KSW Oilfield Rental LLC			1.0		Yes									
8500	0.198	MUD LOGGING			Mud Logging Service				ckstone Analytics Mud Log			1.0		Yes									
8500	0.024	SURFACE RENTALS			Minion Tank				Think Tank			1.0		Yes									
8500	0.048	LL CONTROL EQUIP / SERV			Rotating Head & MPD				Opla			1.0		Yes									
8500	0.06	D, ADDITIVES, AND CHEMIC			Mud additives & driveby mud check				NOVA Mud			1.0		Yes									
8500	0.032	DIRECTIONAL DRILLING			Leam Motor Rental				Leam			1.0		Yes									
8500	0.032	DIRECTIONAL DRILLING			MWD Services				AIM			1.0		Yes									
8500														\$ -									
8500														\$ -									
8500														\$ -									
8500														\$ -									
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Ameredev LLC																				Report # 98
Morning Drilling Report																				
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE						
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Wed, March 31, 2021						
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS				
		12/27/2020	94									14,440	14,440	614	34	18				
Current Operation				Drilling 8 1/2" production hole section @ 14,440'						Next 24 Hours		Drill 8 1/2" Production hole section.								
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size		
Surface	24			1,383		1,383												26		
Intermediate	20" N-80 133# BTC			0		3,412		NeoCam	635.000	11	3	Halcam	410	14.80000	1.33000	0	635 / 410	22		
Intermediate	13.625" Q-125 88.2# BTC			0		7,150		12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2		
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4		
FORMATION				BIGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI						
Barnet				2,799		3,279		4,139	30		30		30							
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.				COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP			
5.0	6.500	381.3438412	601	135	1.36								13,235		13.2		1,514			
GPS #1	LINER X STROKE			SPM #1	GPS #2			LINER X STROKE		SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMP PRESSURE			
3.52	5.5			12	3.52			5.5		105		735				5,100				
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT				
11.0	11.0	39.0	39.0	15.0	8.0	5.0	8.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0				
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM									
10.50	0.35	0.20	1.20	176000.00	1200.00	0.00	83.10	0.00	0.00	0.00	0.00									
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA				
38		8 1/2	Halliburton	GTD74DHE	13526287	13	13	13	13	13	13	13	13	0	0	0.9073				
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON				
1/0/1900 0.00	1/0/1900 0.00	0	0	0	0	0	0	0	2	5	BT	5	X	I	CT	Motor Failure				
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA				
39		8 1/2	Ulterra	CF716	52498	18	18	18	18	18	18	18	0	0	0	1.7395				
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON				
3/30/2021 12:45	3/31/2021 6:00	13826	14440	38.33	45.00	19.25	33.6	18.25												
FUEL DELIVERED	7,300			FUEL USED TODAY			2,232		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND	10,255			TOTAL FUEL USED			136,149		Gel		Mica		ABO		DAILY SOLIDS		0			
PICKUP WT.	320			AVG. DRAG			15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0			
ROTATING WT.	285			MAX. DRAG			18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS		0			
SLACKOFF WT.	248			TQ. ON BTM			15,000		Bar		Lime		Tackle		DAILY LIQUIDS		0			
BHA HOURS	15			TQ OFF BTM			11,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0			
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																				
0.25	27: Other Safety Meeting/Crew Handover.																			
2.75	6: Tripping Trip in the hole from 6159' to 13,300'.																			
0.25	22: Well Control Install Rotating Head.																			
1.50	3: Washing/Reaming Tripped to to 13,400' (Tight Spot) Wash from 13,400' to 13,826'																			
0.75	2: Drilling Rotate w/ Bit #39 From 13826' to 13860' (45"/hr) w/ 35 WOB, 60 Surf RPM, 135 Motor RPM.																			
0.50	2: Drilling Slide w/ Bit #39 From 13860' to 13875' (30"/hr) w/ 35 WOB, 0 Surf RPM, 135 Motor RPM.																			
1.00	2: Drilling Rotate w/ Bit #39 From 13875' to 13923' (48"/hr) w/ 35 WOB, 60 Surf RPM, 135 Motor RPM.																			
0.50	22: Well Control Change out Leaking Rotating Head.																			
6.50	2: Drilling Rotate w/ Bit #39 From 13923' to 14212' (44"/hr) w/ 40 WOB, 60 Surf RPM, 135 Motor RPM. Mud weight 11 ppg. Returns through MPD, maintain 12.5 ppg BH ECD, no cavings at shakers.																			
1.00	2: Drilling Slide w/ Bit #39 From 14212' to 14227' (15"/hr) w/ 40 WOB, Surf RPM, 132.3 Motor RPM. Hold 280 TF, Diff 220 psi																			
1.50	2: Drilling Rotate w/ Bit #39 From 14227' to 14284' (38"/hr) w/ 40 WOB, 60 Surf RPM, 133.2 Motor RPM. 5200 psi with 600 psi Diff. 18k ft/lbs torque.																			
1.25	2: Drilling Slide w/ Bit #39 From 14284' to 14294' (8"/hr) w/ 40 WOB, Surf RPM, 132.3 Motor RPM. Diff 220 psi, 280 MTF																			
1.25	2: Drilling Rotate w/ Bit #39 From 14294' to 14350' (45"/hr) w/ 40 WOB, 60 Surf RPM, 133.2 Motor RPM. Returns through MPD, maintain 12.5 ppg ECD while drilling & on connections with choke adjustment and 11 ppg.																			
0.75	2: Drilling Slide w/ Bit #39 From 14350' to 14359' (12"/hr) w/ 40 WOB, Surf RPM, 133.2 Motor RPM. 600 psi Diff with 280 MTF																			
3.00	2: Drilling Rotate w/ Bit #39 From 14359' to 14430' (24"/hr) w/ 40 WOB, 60 Surf RPM, 130.5 Motor RPM. Drilled over half of stand with 500 GPM due to C/O swabs on pumps.																			
0.50	7: Lubricate Rig Service and lubricate rig and topdrive.																			
0.75	2: Drilling Slide w/ Bit #39 From 14430' to 14440' (13"/hr) w/ 35 WOB, 0 Surf RPM, 130.86 Motor RPM.																			
24.00																				
No Accidents, Spills or Inspections to report.																				
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD				
1	8.5" Ulterra CF716			1.00		1 MTR/RDMQ		0.00		81.00										
1	7.25" Leam 6/7 4.6 FBH @1.83 Slick			33.02		2 Drilling		18.25		417.25		Depth		Dev.		Azi.	TVD			
1	Float Sub			3.83		3 Washing/Reaming		1.50		135.50		12,170		1.53		98	12,165			
1	Float Sub			2.47		4 Lost Circulation		0.00		11.75		12,264		1.42		101	12,259			
1	6.5" UBHO			3.95		5 Cond. Mud & Circ		0.00		132.00		12,359		1.35		95	12,354			
1	6.75" NMDC			30.19		6 Tripping		2.75		614.75		12,453		1.39		91	12,448			
1	6.75" NMDC			30.77		7 Lubricate Rig		0.50		18.25		12,548		1.44		89	12,543			
18	6.5" DC's			545.67		8 Rig Repair		0.00		33.50		12,642		1.63		83	12,637			
21	5" HWDP			635.77		9 Cut Drig Line		0.00		12.50		12,737		1.87		82	12,732			
						10 Deviation Survey		0.00		0.50		12,831		2.11		85	12,826			
						11 Wireline Logging		0.00		74.00		12,926		2.15		86	12,921			
						12 Run Casing		0.00		94.50		13,020		2.28		84	13,015			
						13 Cement Casing		0.00		48.25		13,115		2.60		82	13,110			
						14 Wait On Cement		0.00		20.00		13,238		3.28		81	13,233			
						15 NU BOP's		0.00		106.75		13,315		3.54		84	13,309			
						16 Test BOP's		0.00		30.00		13,410		4.17		84	13,404			
						17 Plug Back		0.00		0.00		13,504		2.55		94	13,498			
						18 Squeeze Cmt		0.00		0.00		13,599		2.58		94	13,593			
						19 Fishing		0.00		54.50		13,694		2.60		91	13,688			
						20 Directional Work		0.00		42.75		13,783		3.12		81	13,777			
						21 Weather		0.00		0.00		13,878		3.41		84	13,872			
						22 Well Control		0.75		193.75		13,972		3.17		88	13,965			
						23 Waiting-Orders/Equip		0.00		19.00		Planned VS				feet @	azimuth			
						24 Drill Cmt / Shoe Test		0.00		7.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER				
						25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood								
						26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN				CELL PHONE NUMBER				
						27 Other		0.25		112.50		Marcus Jenkins								
						28 Other		0.00		13.75		AMEREDDEV PERSONELL								
						29 Other		0.00		0.00		DRILLING SUPERINTENDENT				JT Wilkerson				
						30 Other		0.00		0.00		DRILLING ENGINEER				John Zabaldano				
						31 Other		0.00		0.00		DAY CONTROL ROOM SUP				Chris Huff				
						TOTALS		24.00		2329.00		NIGHT CONTROL ROOM SUP				Andy Slusarchuk				
Cost Input																				
Cost Type	Charge	Code		Description				Vendor				Unit Cost	Quantity	Cost	Carry Over					
8500	0.094	SUPERVISION / CONTRACT		Hesston Cheatwood/Marcus Jenkins				Rusco Operating LLC					1.0		Yes					
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk /Chris Huff				Rusco Operating LLC					1.0		Yes					
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC					1.0		Yes					
8500	0.024	SURFACE RENTALS		Internet & Intercoms				wersat Communications US					1.0		Yes					
8500	0.024	SURFACE RENTALS		Fordlift \$150/day				Boland Field Services LLC					1.0		Yes					
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services Inc					1.0		Yes					
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc					1.0		Yes					
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc					1.0		Yes					
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason					1.0		Yes					
8500	0.01	DRILLING RIG		Citadel Rig #3				Citadel Drilling					1.0		Yes					
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC					1.0		Yes					
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC					1.0		Yes					
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package				American Safety Services, In					1.0		Yes					
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands				KSW Oilfield Rental LLC					1.0		Yes					
8500	0.198	MUD LOGGING		Mud Logging Service				ckstone Analytics Mud Logg					1.0		Yes					
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank					1.0		Yes					
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD				Opla					1.0		Yes					
8500	0.06	D, ADDITIVES, AND CHEM		Mud additives & driveby mud check				NOVA Mud					1.0		Yes					
8500	0.032	DIRECTIONAL DRILLING		Learn Motor Rental				Learn					1.0		Yes					
8500	0.032	DIRECTIONAL DRILLING		MWD Services				AIM					1.0		Yes					
8500	0.024	SURFACE RENTALS		500 BBL pre-mix tank (\$450/Day) + catch-up cost for 16 days				McAda Drilling Fluids Inc					1.0		Yes					
8500	0.072	CEMENTING		Set cement plug in 8.5" hole				TransTex Cementing Service					1.0		No					
8500	0.072	CEMENTING		Standby time due to canceled services.				TransTex Cementing Service					1.0		No					
8500	0.326	TRANSPORTATION		Deliver basket with sub clamps, backhaul centralizers				PAJUAL Enterprise LLC					1.0		No					
8500	0.326	TRANSPORTATION		Backhaul various tools to several locations				PAJUAL Enterprise LLC					1.0		No					
8500	0.024	SURFACE RENTALS		Crane to set Nova Bulk tanks				ady Welding & Machine Sh					1.0		No					
8500	0.203	SHING & SIDETRACK SERV		Overshot & fishing equipment rental 8 1/2" hole				Graco Oilfield Services					1.0		No					
8500	0.032	DIRECTIONAL DRILLING		ROCKIt				Nabors					1.0		No					
8500														\$	-					
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Ameredev LLC																		Report # 99													
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WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																	
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, April 1, 2021																	
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS									
		12/27/2020		35										14,531		14,531		91		24		4									
Current Operation				TIH with BHA				Near 24 Hours				TIH, Drill 8 1/2" Production Hole Section.																			
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		S/S Cmt		Hole Size			
Surface		34		1,383		1,383														14,80000		1,39000		0		635 / 410		26			
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		HalCem		410		0.349 bbls/ft		1,051,00000		3118.9/5368.35				17 1/2			
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12,219		10,030		4,800		3,191		1,122		0.073 bbls/ft		963.00000						12 1/4			
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8,525		6,870		5,740		1,086															
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI											
				2,799		3,279		4,139		105		30		30		30		30		30											
DP SIZE				DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA		COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP									
5.0				6.500		381.3438412		601		171		2.23						13,235		13.2		1,308									
GPS #1				LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE							
3.52				5.5		12		104		3.52		5.5		12		105		735		735				5,100							
MW IN				MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS			
11.3				11.3		37.0		37.0		13.0		7.0		5.0		8.0		11.0		0.0		0.0		0.0		0.0		0.0			
PH				PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM							
8.50				0.05		0.05		1.10		175000.00		8.43		0.00		80.30		0.00		0.00		0.00		0.00							
PREV BIT #				Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8			
39				8 1/2		8 1/2		Utterra		CF716		52498		18		18		18		18		18		18		18		18			
START FT				END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING			
3/30/2021 10:45				3/31/2021 10:00		13826		14531		38.57		50.00		23.25		32.0		22		1		2		CT		N		X			
CUR. BIT #				Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8			
40				0		8 1/2		Varel		FY713P-F		6021458		16		16		16		16		16		16		16		16			
START FT				LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING			
						0		0										0													
FUEL DELIVERED				0		FUEL USED TODAY		1,689		MUD ADDITIVES IN LAST 24 HOURS		SOIL FARMING / MUD DISPOSAL		FRESH WATER																	
FUEL ON HAND				8,566		TOTAL FUEL USED		137,838		Gel		Mica		ASO		DAILY SOLIDS		0		OWNER											
PICKUP WT.				320		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac Uil		TOTAL SOLIDS		0		DAILY BBLs		0									
ROTATING WT.				285		MAX. DRAG		18		Caustic		Soda Ash		Galex		DAILY DISPOSAL COSTS		CUM BBLs		0											
SLACKOFF WT.				248		TQ. ON BTM		15,000		Bar		Lime		Tackle		DAILY LIQUIDS		0													
BHA HOURS				19		TQ OFF BTM		11,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0													
HOURS				TIME CODE						CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																					
0.25				27: Other						Safety Meeting/Crew Handover.																					
0.75				2: Drilling						Rotate w/ Bit #39 From 14440' to 14490' (6 7/8"/hr) w/ 40 WOB, 70 Surf RPM, 135 Motor RPM.																					
3.00				2: Drilling						Rotate w/ Bit #39 From 14490' to 14531' (14 1/4"/hr) w/ 40 WOB, 70 Surf RPM, 90 Motor RPM. #2 MP Down																					
0.25				8: Rig Repair						Took to 14,324' Unable to hold BP due to Rotating Head Leaking.																					
0.50				8: Rig Repair						Change out Rotating Head.																					
1.25				8: Rig Repair						Strip out of the hole to 12,836' with 1500 psi SBP.																					
0.50				8: Rig Repair						Spot 130 bbl 13.4 ppg Mud Cap.																					
0.25				8: Rig Repair						Remove Rotating Head/Install Flow Nipple.																					
7.50				8: Rig Repair						Continue TOOH with 8 1/2" bit & motor assembly from 12836 ft to 109 ft. Flow check, observe well static.																					
0.50				8: Rig Repair						Break out bit, mouse hole tools.																					
0.50				8: Rig Repair						Recover wear bushing, observe well static. While testing BOPs as per Mud Engineer, roll pits from shale-pit to suction, add 900L. 2 drums. Add 2 Caustic through the chemical barrel at 60 minutes per sack. Add 5 sx Soda Ash at 5 min/sack. Roll pits for 3 hours. (to address the WL increase).																					
0.75				16: Test BOP's						Set test plug, fill stack with water. Verify casing side outlet valve open. Conduct Pre-test Safety Meeting with all involved including Battle Energy Testers.																					
1.50				16: Test BOP's						Could not get test plug to seat, verify casing valve not plugged. Re-seat and obtain seal.																					
3.50				16: Test BOP's						Test BOP Blind, Upper & Lower variable 2 7/8" x 57/8" BOP pipe rams, choke manifold valves, Upper & Lower Top-Drive valves, TIW and Gray valves to 250 psi 10 min low & 5000 psi 10 min high on all tests, except for Annular, 250 psi 10 min low and 3500 psi 10 min high.																					
0.50				16: Test BOP's						Conduct Accumulator Draw-down test.																					
0.50				6: Tripping						Install wear bushing.																					
2.00				8: Rig Repair						M/W bit, check floats, re-scribe, TIH with 8 1/2" bit & motor assembly BHA #40.																					
24.00												No Accidents, Spills or Inspections to report																			
QTY				BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD													
1				8.5" Utterra CF716		1.00		1 MIRU/RDMO		0.00		81.00																			
1				7.25" Leam 6/7 4.6 FBH @1.83 Slick		33.00		2 Drilling		3.75		421.00		Depth		Dev.		Azi		TVD		VS		DLS							
1				Float Sub		4.00		3 Washing/Reaming		0.00		135.50		12,170		1.53		98		12,165		-111.08		0.22							
1				Float Sub		2.00		4 Lost Circulation		0.00		11.75		12,264		1.42		101		12,259		-112.99		0.14							
1				6.5" UBHO		4.00		5 Cond. Mud & Circ		0.00		132.00		12,359		1.35		95		12,354		-114.77		0.16							
1				6.75" NMDC		30.00		6 Tripping		0.50		615.25		12,453		1.39		91		12,448		-116.39		0.12							
1				6.75" NMDC		31.00		7 Lubricate Rig		0.00		18.25		12,548		1.44		89		12,543		-117.99		0.06							
18				6.5" DC's		546.00		8 Rig Repair		13.25		46.75		12,642		1.63		83		12,637		-119.57		0.28							
21				5" HWDP		636.00		9 Cut Drig Line		0.00		12.50		12,737		1.87		82		12,732		-121.26		0.25							
								10 Deviation Survey		0.00		0.50		12,831		2.11		85		12,826		-123.20		0.27							
								11 Wireline Logging		0.00		74.00		12,926		2.15		86		12,921		-125.40		0.07							
								12 Run Casing		0.00		94.50		13,020		2.28		84		13,015		-127.63		0.17							
								13 Cement Casing		0.00		48.25		13,115		2.60		82		13,110		-130.00		0.34							
								14 Wait On Cement		0.00		20.00		13,238		3.28		81		13,233		-133.59		0.55							
								15 NU BOP's		0.00		106.75		13,315		3.54		84		13,309		-136.27		0.40							
								16 Test BOP's		6.25		36.25		13,410		4.17		84		13,404		-140.14		0.66							
								17 Plug Back		0.00		0.00		13,504		2.55		94		13,498		-143.74		1.81							
								18 Squeeze Cmt		0.00		0.00		13,599		2.58		94		13,593		-146.85		0.04							
								19 Fishing		0.00		54.50		13,694		2.60		91		13,688		-149.92		0.14							
								20 Directional Work		0.00		42.75		13,783		3.12		81		13,777		-152.68		0.82							
								21 Weather		0.00		0.00		13,878		3.41		84		13,872		-155.85		0.37							
								22 Well Control		0.00		193.75		13,972		3.17		88		13,965		-159.27		0.34							
								23 Waiting-Orders/Equip		0.00		19.00		Planned VS				feet @				azimuth									
								24 Dril Crnt / Shoe Test		0.00		7.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER													
								25 Jet & Clean Pits		0.00		0.00		Hesston Cheatwood																	
Joints				DP ITEM		OD		#/FT		GRADE		LENGTH		26 Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN		CELL PHONE NUMBER									
219				DP		5		19.5		S-135		6903.28		27 Other		0.25		112.75		Marcus Jenkins											
														28 Other		0.00		13.75		AMEREDDEV PERSONELL											
														29 Other		0.00		0.00		DRILLING SUPERINTENDENT		JT Willerson									
														30 Other		0.00		0.00		DRILLING ENGINEER		John Zabaldano									



Ameredev LLC																		Report # 100	
Morning Drilling Report																			
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Fri, April 2, 2021					
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT			
		12/27/2020		96								14,531		14,531		0			
Current Operation				Washing and reaming down @ 13,347'				Next 24 Hours				Wash and ream to bottom. Drill 8 1/2" Production hole.							
Type		Casing Specs		Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	S/S Cmt		
Surface		24		1,383		1,383											26		
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410		
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.00000	3118.9/5350.35	17 1/2		
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681	8,525	6,870	5,740	1,086	1.122	0.073 bbls/ft	963.00000	/	12 1/4		
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI							
Barnet				2,799	3,279	4,139	30		30		30								
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA		COST/FT. 24 HRS		COST/FT. (OA)		LAST SHOE TVD			
5.0		6.500		337.5531609		532		152		1.56						13,235			
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3			
3.52		5.5		12		93		3.52		5.5		12		92		651			
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		FILTRATE		WPS			
11.4		11.4		44.0		44.0		16.0		8.0		7.0		5.8		0.0			
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		LIME			
10.00		1.10		0.40		2.60		171000.00		160.00		0.00		81.00		0.00			
PREV BIT #		Re-Run		SIZE		MFG#		TYPE		SERIAL #		JET #1		JET #2		JET #3			
39		8 1/2		8 1/2		Utterra		CF716		52498		18		18		18			
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS			
3/30/2021 10:45		3/31/2021 10:00		13826		14531		38.57		50.00		23.25		32.0		22			
CUR. BIT #		Re-Run		SIZE		MFG#		TYPE		SERIAL #		JET #1		JET #2		JET #3			
40		0		8 1/2		Varel		FY713P-F		6021458		16		16		16			
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS			
				0		0								0		0			
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
0				1.086															
FUEL ON HAND				TOTAL FUEL USED				Gel				ABO				DAILY SOLIDS			
7.480				138,924				Poly Plus				Quick Thin				PolyPac Ul			
PICKUP WT.				AVG. DRAG				Soda Ash <th colspan="4">Gelex<th colspan="4">TOTAL SOLIDS</th></th>				Gelex <th colspan="4">TOTAL SOLIDS</th>				TOTAL SOLIDS			
326				15				Caustic				Tackle				0			
ROTATING WT.				MAX. DRAG				Lime <th colspan="4">Cost<th colspan="4">DAILY DISPOSAL COSTS</th></th>				Cost <th colspan="4">DAILY DISPOSAL COSTS</th>				DAILY DISPOSAL COSTS			
286				18				Alum Ster								CUM BBLs			
SLACKOFF WT.				TQ. ON BTM				Bar <th colspan="4"><td colspan="4">DAILY LIQUIDS</td></th>				<td colspan="4">DAILY LIQUIDS</td>				DAILY LIQUIDS			
248				15,000				Pac-R								0			
BHA HOURS				TQ OFF BTM				<th colspan="4"><td colspan="4">TOTAL LIQUIDS</td></th>				<td colspan="4">TOTAL LIQUIDS</td>				TOTAL LIQUIDS			
19				11,000												0			
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
0.25		27: Other		Safety Meeting/Crew Handover.															
6.25		8: Rig Repair		Trip in the hole to 13,235'.															
0.50		22: Well Control		Install Rotating Head.															
0.75		9: Cut Drlg Line		Slip and Cut Drill Line.															
0.50		5: Cond. Mud & Circ		Circulate Mud Cap/Bottoms up.															
1.75		6: Tripping		Strip in the Hole to 14,520' Holding 1000 psi SBR.															
2.00		5: Cond. Mud & Circ		Attempt to Circulate, work pipe from 14520 ft to 14531 ft, Hole Packed off, Establish Circ, observe 11.4 ppg in and 10 ppg out mud cut on bottoms up, substantial flare for 30 min. Decision made to rack back Stands. Work Pipe Out of the Hole.															
1.00		28 Other		Working tight hole from 14531 ft to 14247 ft between 230k down and 480k up. Normis P/U 320k, RT 282k, S/O 248k. No circulation, at 14247 ft observe breakout with 425k tripping out.															
1.50		6 Tripping		Strip out of hole maintaining 12.2 ppg ECD bottom hole pressure from 14247 ft to 13800 ft.															
9.50		3: Washing/Reaming		Establish circulation at 13800 ft with 8 1/2" bit & motor assembly, 650 gpm, 4076 psi, 30 rpm with 16k ft/lbs torque. Mud weight 11.4 ppg in and 11.3 ppg out. Keep 12.5 ppg bottom hole ECD with MPD adjustment. At 14259 ft increase bottom hole pressure from 12.5 ppg to 13 ppg ECD with MPD adjustment. Ream as torque and differential will allow. Wt 5.8, chlorides 171k. Currently @ 13,347' washing and reaming down.															



Ameredev LLC																	Report # 101
Morning Drilling Report																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE				
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Sat, April 3, 2021				
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS	
		12/27/2020		37								14,531	14,531	0	0	0	
Current Operation																	
Washing and Reaming @ 14,485' while preparing to displace with OBM																	
No 1 24 HO 15																	
Make with OBM, Strip out to 13,800', clean pits and load with OBM, TH, Wash and ream to bottom																	
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size	
Surface	24			1,383	1,383											26	
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14,80000	1,33000	0	635 / 410	22	
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.000000	3118.9/3350.35	/	17 1/2	
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.000000		/	12 1/4	
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI					
Barnet				2,799	3,279	4,139	30	30	30	30	30	30					
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA		COST/FT, 24 HRS		COST/FT, (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP		
5.0	6.500	337.5531609	532	152	1.56						13,235		13.2		1,273		
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE	
3.52	5.5			12	3.52	5.5		12					651			4,700	
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT	
11.4	11.4	42.0	42.0	15.0	16.0	8.0	16.0	3.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM						
10.00	1.70	0.50	2.00	165000.00	120.00	0.00	80.00	0.00	0.00	0.00	0.00						
PREV BIT #	Re-Run	SIZE	MFG	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA	
39		8 1/2	Utterra	CF716	52498	18	18	18	18	18	18	18	0	0	0	1,7395	
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON	
3/30/2021 10:45	3/31/2021 10:00	13826	14531	38.57	50.00	23.25	32.0	22	1	2	CT	N	X	I	3 PJ	RIG	
CUR BIT #	Re-Run	SIZE	MFG	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA	
40		8 1/2	Varel	FY713P-F	6021458	16	16	16	16	16	16	16	0	0	0	1,3744	
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON	
		0	0					0									
FUEL DELIVERED				6,032		FUEL USED TODAY		2,533 <th colspan="3">MUD ADDITIVES IN LAST 24 HOURS</th> <th colspan="3">SOIL FARMING / MUD DISPOSAL</th> <th colspan="2">FRESH WATER</th>		MUD ADDITIVES IN LAST 24 HOURS			SOIL FARMING / MUD DISPOSAL			FRESH WATER	
FUEL ON HAND				10,979		TOTAL FUEL USED		141,457		Gel	Mica	ASO	DAILY SOLIDS			0	OWNER
PICKUP WT.				326		AVG. DRAG		15		Poly Plus	Quick Thin	PolyPac Uil	TOTAL SOLIDS			0	DAILY BBLs
ROTATING WT.				286		MAX. DRAG		18		Caustic	Soda Ash	Gelox	DAILY DISPOSAL COSTS			CUM BBLs	
SLACKOFF WT.				248		TQ ON BTM		15,000		Bar	Lime	Tackle	DAILY LIQUIDS			0	
BHA HOURS				36		TQ OFF BTM		11,000		Pac-R	Alum Ster	Cost	TOTAL LIQUIDS			0	
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
HOURS				TIME CODE													
0.25				27: Other													
3.00				3: Washing/Reaming													
0.50				22: Well Control													
6.25				3: Washing/Reaming													
0.25				7: Lubricate Rig													
3.00				3: Washing/Reaming													
0.50				6: Tripping													
0.75				3: Washing/Reaming													
0.50				7: Lubricate Rig													
1.25				3: Washing/Reaming													
0.50				28: Other													
3.00				3: Washing/Reaming													
0.25				28: Other													
4.00				3: Washing/Reaming													
No Accidents, Spills or Inspections to report																	
QTY	BHA ITEM			LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD				
1	8.5" Utterra CF716			1.00	1 MRL/RDMO		0.00	81.00									
1	7.25" Leam 6/7 4.6 FBH @ 1.83 Stick			33.00	2 Drilling		0.00	421.00	Depth	Dev.	Azi.	TVD	VS	DLS			
1	Float Sub			4.00	3 Washing/Reaming		21.25	166.25	12,170	1.53	98	12,165	-111.08	0.22			
1	Float Sub			2.00	4 Lost Circulation		0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14			
1	6.5" UBHO			4.00	5 Cond. Mud & Circ		0.00	134.50	12,359	1.35	95	12,354	-114.77	0.16			
1	6.75" NMDC			30.00	6 Tripping		0.50	619.00	12,453	1.39	91	12,448	-116.39	0.12			
1	6.75" NMDC			31.00	7 Lubricate Rig		0.75	19.00	12,548	1.44	89	12,543	-117.99	0.06			
18	6.5" DC's			546.00	8 Rig Repair		0.00	53.00	12,642	1.63	83	12,637	-119.57	0.28			
21	5" HWDP			636.00	9 Cut Drig Line		0.00	13.25	12,737	1.87	82	12,732	-121.26	0.25			
					10 Deviation Survey		0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27			
					11 Wireline Logging		0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07			
					12 Run Casing		0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17			
					13 Cement Casing		0.00	48.25	13,115	2.60	82	13,110	-130.00	0.34			
					14 Wait On Cement		0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55			
					15 NU BOP's		0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40			
					16 Test BOP's		0.00	36.25	13,410	4.17	84	13,404	-140.14	0.66			
					17 Plug Back		0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81			
					18 Squeeze Cmt		0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04			
					19 Fishing		0.00	54.50	13,694	2.60	91	13,688	-149.92	0.14			
					20 Directional Work		0.00	42.75	13,783	3.12	81	13,777	-152.68	0.82			
					21 Weather		0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37			
					22 Well Control		0.50	194.75	13,972	3.17	88	13,965	-159.27	0.34			
					23 Waiting-Orders/Equip		0.00	19.00	Planned VS		feet @		azimuth				
					24 Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN		CELL PHONE NUMBER						
					25 Jet & Clean Pits		0.00	0.00	Heston Cheatwood								
					26 Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER						
					27 Other		0.25	113.25	Marcus Jenkins								
					28 Other		0.75	15.50	AMEREDDEV PERSONELL								
					29 Other		0.00	0.00	DRILLING SUPERINTENDENT		JT Wilkerson						
					30 Other		0.00	0.00	DRILLING ENGINEER		John Zabaldano						
					31 Other		0.00	0.00	DAY CONTROL ROOM SUP		Chris Huff						
					Total Depth		14531.00	TOTALS	24.00	2401.00	NIGHT CONTROL ROOM SUP		Andy Slusarchuk				
Cost Input																	
Cost Type	Charge	Code	Description					Vendor	Unit Cost	Quantity	Cost	Carry Over					
8500	0.094	SUPERVISION / CONTRACT	Heston Cheatwood/Marcus Jenkins					Rusco Operating LLC		1.0		Yes					
8500	0.094	SUPERVISION / CONTRACT	Andy Slusarchuk /Chris Huff					Rusco Operating LLC		1.0		Yes					
8500	0.024	SURFACE RENTALS	Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants					Hoppe's Construction LLC		1.0		Yes					
8500	0.024	SURFACE RENTALS	Internet & Intercoms					versat Communications LLC		1.0		Yes					
8500	0.024	SURFACE RENTALS	Forklift \$150/day					Boland Field Services LLC		1.0		Yes					
8500	0.024	SURFACE RENTALS	14 x Flat bottom Frac tanks					Blueprint Oilfield Services		1.0		Yes					
8500	0.024	SURFACE RENTALS	4 Sets of pipe Bolsters					Divine Energy Services Inc		1.0		Yes					
8500	0.024	SURFACE RENTALS	4 Sets of pipe racks					Divine Energy Services Inc		1.0		Yes					
8500	0.024	SURFACE RENTALS	PVT/Chokes \$477 plus \$70 on days with gas detection					Pason		1.0		Yes					
8500	0.01	DRILLING RIG	Citadel Rig #3					Citadel Drilling		1.0		Yes					
8500	0.024	SURFACE RENTALS	1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank					Johnso Specialty Tools LLC		1.0		Yes					
8500	0.024	SURFACE RENTALS	Diverter Line, Drive over & Igniter					Iron Horse Tools LLC		1.0		Yes					
8500	0.124	TY AND EMERGENCY RESP	H2s Compliance Package					merican Safety Services, In		1.0		Yes					
8500	0.066	IDS CONTROL EQUIP / SERV	Solid Control Equipment and Hands					KSW Oilfield Rental LLC		1.0		Yes					
8500	0.198	MUD LOGGING	Mud Logging Service					ckstone Analytics Mud Logg		1.0		Yes					
8500	0.024	SURFACE RENTALS	Minion Tank					Think Tank		1.0		Yes					
8500	0.048	LL CONTROL EQUIP / SERV	Rotating Head & MPD					Opla		1.0		Yes					
8500	0.06	D. ADDITIVES, AND CHEMIC	Mud additives & drvelby mud check					NOVA Mud		1.0		Yes					
8500	0.032	DIRECTIONAL DRILLING	Leam Motor Rental					Leam		1.0		Yes					
8500	0.032	DIRECTIONAL DRILLING	MWD Services					AIM		1.0		Yes					
8500	0.024	SURFACE RENTALS	500 BBL pre-mix tank (\$450/Day)					McAda Drilling Fluids Inc.		1.0		Yes					
8500											\$						
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Ameredev LLC																	Report # 102	
Morning Drilling Report																		
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Sun, April 4, 2021					
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS		
		12/27/2020	98									14,531	14,531	0	0	0		
Current Operation				Wash and ream to bottom @ 14,450				Next 24 Hours				Wash an ream to bottom @ 14531". Drill 8 1/2" Production hole section.						
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size		
Surface	24			1,383	1,383											26		
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22		
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5250.35	/	17 1/2		
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4		
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI						
Barnet				2,799	3,279	4,139	30		30		30							
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (GA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP		
5.0	6.500	312.0085973	491	140		1.14						13,235		13.2		1,858		
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE		
3.52	5.5			12	85	5.5		12	86				601			4,015		
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
10.5	10.5	67.0	67.0	14.0	8.0	8.0	18.0	6.0	312737.0	0.0	2.0	12.9	4.1	0.0	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM							
				199832.00	120.00	67.00	18.50	3.55	4.27	502.00	0.00							
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
39		8 1/2	Ultrerra	CF716	52498	18	18	18	18	18	18	18	0	0	0	1,7395		
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
3/30/2021 12:45	3/31/2021 1:00	13826	14531	38.57	50.00	23.25	32.0	22	1	2		N	X	I	3 PJ	RIG		
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
40		8 1/2	Varel	FY713P-F	6021458	16	16	16	16	16	16	0	0	0	0	1,3744		
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVS WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
		0	0					0										
FUEL DELIVERED				0		FUEL USED TODAY		1,810		MUD ADDITIVES IN LAST 24 HOURS			SOIL FARMING / MUD DISPOSAL			FRESH WATER		
FUEL ON HAND				9,169		TOTAL FUEL USED		143,267		Gel		Mica		ABO		DAILY SOLIDS		OWNER
PICKUP WT.				313		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		DAILY BBLs
ROTATING WT.				300		MAX. DRAG		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS		CUM BBLs
SLACKOFF WT.				290		TQ. ON BTM		11,000		Bar		Lime		Tackle		DAILY LIQUIDS		
BHA HOURS				56		TQ. OFF BTM		9,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0
HOURS				TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )												
0.25				27: Other		Safety Meeting/Crew Handover.												
3.25				3: Washing/Reaming		Wash and Ream from 14,490' to 14,504' 650 gpm, 60 rpm.												
0.50				5: Cond. Mud & Circ		Fill Tank 1 with OBM.												
1.00				22: Well Control		Change out Leaking Rotating Head.												
0.50				5: Cond. Mud & Circ		Circulate While working Pipe Free.												
0.25				7: Lubricate Rig		Rig Service, Re-Torque Quill and Safety Clamps.												
0.25				5: Cond. Mud & Circ		Circulate While working Pipe Free, P/U Stand out of Mousehole.												
1.00				5: Cond. Mud & Circ		Start Displacing Hole With OBM.												
1.00				6 Tripping		TOOH From 14,513' to 13,900'.												
0.25				5: Cond. Mud & Circ		Finish Displacing the Hole with OBM. OBM to Surface.												
5.25				5: Cond. Mud & Circ		Clean Pits including scappling tank and troughs in preparation to circulate down hole.												
4.50				5: Cond. Mud & Circ		At 13984 ft circulate with 400 gpm, 2089 psi, reciprocate pipe with 30 rpm and 10.5 ppg OBM. Meanwhile continue cleaning surface pits tanks #2, #3 and #4.												
0.75				5: Cond. Mud & Circ		Transfer 10.5 ppg OBM from reserve to active pits. Conduct pre-job meeting prior to reaming operations. Discuss OBM hazards including Process Safety and bubble point of OBM.												
5.25				3: Washing/Reaming		Wash & ream from 13984 ft to bottom at 14455 ft with 600 gpm, 4100 psi, 30 rpm, 10k ft/lbs torque and 10.5 ppg OBM, going through fully open MPD chokes, at 250 ft/hr. Total of 2489 Bbls OBM received. Encountered tight spots from 14440 to 14450. Working tight hole @ 14450'												
24.00						No Accidents, Spills or Inspections to report.												
QTY	BHA ITEM			LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD					
1	8.5" Ultrerra CF716			1.00	1 MRLU/ROMO		0.00	81.00										
1	7.25" Leam 6/7 4.6 FBH @1.83 Slick			33.00	2 Drilling		0.00	421.00	Depth		Dev.	Azi.	TVD	VS	DLS			
1	Float Sub			4.00	3 Washing/Reaming		8.50	174.75	12,170		1.53	98	12,165	-111.08	0.22			
1	Float Sub			2.00	4 Lost Circulation		0.00	11.75	12,264		1.42	101	12,259	-112.99	0.14			
1	6.5" UBHO			4.00	5 Cond. Mud & Circ		13.00	147.50	12,359		1.35	95	12,354	-114.77	0.16			
1	6.75" NMDC			30.00	6 Tripping		1.00	620.00	12,453		1.39	91	12,448	-116.39	0.12			
1	6.75" NMDC			31.00	7 Lubricate Rig		0.25	19.25	12,548		1.44	89	12,543	-117.99	0.06			
18	6.5" DC's			546.00	8 Rig Repair		0.00	53.00	12,642		1.63	83	12,637	-119.57	0.28			
21	5" HWDP			636.00	9 Cut Drlg Line		0.00	13.25	12,737		1.87	82	12,732	-121.26	0.25			
					10 Deviation Survey		0.00	0.50	12,831		2.11	85	12,826	-123.20	0.27			
					11 Wireline Logging		0.00	74.00	12,926		2.15	86	12,921	-125.40	0.07			
					12 Run Casing		0.00	94.50	13,020		2.28	84	13,015	-127.63	0.17			
					13 Cement Casing		0.00	48.25	13,115		2.60	82	13,110	-130.00	0.34			
					14 Wait On Cement		0.00	20.00	13,238		3.28	81	13,233	-133.59	0.55			
					15 NU BOP's		0.00	106.75	13,315		3.54	84	13,309	-136.27	0.40			
					16 Test BOP's		0.00	36.25	13,410		4.17	84	13,404	-140.14	0.66			
					17 Plug Back		0.00	0.00	13,504		2.55	94	13,498	-143.74	1.81			
					18 Squeeze Cmt		0.00	0.00	13,599		2.58	94	13,593	-146.85	0.04			
					19 Fishing		0.00	54.50	13,694		2.60	91	13,688	-149.92	0.14			
					20 Directional Work		0.00	42.75	13,783		3.12	81	13,777	-152.68	0.82			
					21 Weather		0.00	0.00	13,878		3.41	84	13,872	-155.85	0.37			
					22 Well Control		1.00	195.75	13,972		3.17	88	13,965	-159.27	0.34			
					23 Waiting-Orders/Equip		0.00	19.00	Planned VS		feet @		azimuth					
					24 Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER					
					25 Jet & Clean Pits		0.00	0.00	Hesston Cheatwood/				CELL PHONE NUMBER					
Joins:	DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER					
219	DP	5	19.5	S-135	6903.28	27 Other	0.25	113.50	Marcus Jenkins									
						28 Other	0.00	15.50					AMEREDDEV PERSONELL					
						29 Other	0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson					
						30 Other	0.00	0.00	DRILLING ENGINEER				John Zabaldano					
						31 Other	0.00	0.00	DAY CONTROL ROOM SUP				Chris Huff					
						TOTALS	24.00	2425.00	NIGHT CONTROL ROOM SUP				Andy Slusarchuk					
Cost Input																		
Cost Type	Charge	Code			Description	Vendor	Unit Cost	Quantity	Cost	Carry Over								
8500	0.094	SUPERVISION / CONTRACT			Hesston Cheatwood/Marcus Jenkins	Rusco Operating LLC		1.0		Yes								
8500	0.094	SUPERVISION / CONTRACT			Andy Slusarchuk /Chris Huff	Rusco Operating LLC		1.0		Yes								
8500	0.024	SURFACE RENTALS			Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants	Hoppe's Construction LLC		1.0		Yes								
8500	0.024	SURFACE RENTALS			Internet & Intercoms	versat Communications US		1.0		Yes								
8500	0.024	SURFACE RENTALS			Forklift \$150/day	Boland Field Services LLC		1.0		Yes								
8500	0.024	SURFACE RENTALS			14 x Flat bottom Frac tanks	Blueprint Oilfield Services		1.0		Yes								
8500	0.024	SURFACE RENTALS			4 Sets of pipe Bolsters	Divine Energy Services Inc.		1.0		Yes								
8500	0.024	SURFACE RENTALS			4 Sets of pipe racks	Divine Energy Services Inc.		1.0		Yes								
8500	0.024	SURFACE RENTALS			PVT/Chokes \$477 plus \$70 on days with gas detection	Pason		1.0		Yes								
8500	0.01	DRILLING RIG			Citadel Rig #3	Citadel Drilling		1.0		Yes								
8500	0.024	SURFACE RENTALS			1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank	Johnso Specialty Tools LLC		1.0		Yes								
8500	0.024	SURFACE RENTALS			Diverter Line, Drive over & Igniter	Iron Horse Tools LLC		1.0		Yes								
8500	0.124	TY AND EMERGENCY RESP			H2s Compliance Package	American Safety Services, In		1.0		Yes								
8500	0.066	DS CONTROL EQUIP / SERV			Solid Control Equipment and Hands	KSW Oilfield Rental LLC		1.0		Yes								
8500	0.198	MUD LOGGING			Mud Logging Service	ckstone Analytics Mud Logg		1.0		Yes								
8500	0.024	SURFACE RENTALS			Minion Tank	Think Tank		1.0		Yes								
8500	0.048	LL CONTROL EQUIP / SERV			Rotating Head & MPD	Opla		1.0		Yes								
8500	0.06	D, ADDITIVES, AND CHEMIC			Mud additives & driveby mud check	NOVA Mud		1.0		Yes								
8500	0.032	DIRECTIONAL DRILLING			Learn Motor Rental	Learn		1.0		Yes								
8500	0.032	DIRECTIONAL DRILLING			MWD Services	AJM		1.0		Yes								
8500	0.024	SURFACE RENTALS			500 BBL pre-mix tank (\$450/Day)	McAda Drilling Fluids Inc.		1.0		Yes								
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Ameredev LLC																				Report # 103																							
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, April 5, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		99										15,036		15,036		505		38		13																					
Current Operation				Drilling 8 1/2" Production hole @ 15,036'				Next 24 Hours				Drill 8 1/2" Production hole section.																															
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size															
Surface		24		1,383		1,383																						26															
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22															
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35				17 1/2															
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8.525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4															
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
				Barnet		2,799		3,279		4,139		30		30		30		30		30																							
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (GA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																							
5.0		6.500		315.65/78207		497		142		1.29						13,235		13.2		1,170																							
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																					
3.52		5.5		12		87		5.5		12		86		2.85		3.37		463.00		0.00		4,700																					
3/20/2021 18:45		3/21/2021 16:00																																									
MW IN		MW OUT		VIS IN		VIS OUT		PV		YF		Gel - 10 Sec		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT													
11.5		11.5		58.0		58.0		15.0		7.0		7.0		12.0		6.0		316263.0		0.0		2.0		14.0		3.4		0.0		0.0													
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM																					
								202085.00		120.00		64.00		22.00		2.85		3.37		463.00		0.00																					
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
39				8 1/2		Utterra		CF716		52498		18		18		18		18		18		18		18		0		0		1,7395													
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
3/20/2021 18:45		3/21/2021 16:00		13826		14531		38.57		50.00		23.25		32.0		22		1		2		CT		N		X		J		3 PJ													
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
40				8 1/2		Varel		FV713P-F		6021458		16		16		16		16		16		16		16		0		0		1,3744													
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
4/4/2021 16:15		4/5/2021 6:00		14531		15036		23.89		40.00		13.75		38.1		13.25																											
FUEL DELIVERED				0				FUEL USED TODAY				2,534				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				6,635				TOTAL FUEL USED				145,801				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER							
PICKUP WT.				326				AVG. DRAG				15				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLS				0			
ROTATING WT.				305				MAX. DRAG				18				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLS				0							
SLACKOFF WT.				282				TQ. ON BTM				17,000				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				56				TQ. OFF BTM				9,000				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																							
0.25		27: Other		Safety Meeting/Crew Handover. Mud diesel on hand 6105, used 823 gals.																																							
10.00		3: Washing/Reaming		Wash and Ream from 14,400' to 14,531' 600 gpm, 60-90 rpm, Weight up Mud to 11.5 ppg.																																							
4.00		2: Drilling		Rotate w/ Bit #40 From 14531' to 14765' (59"/hr) w/ 30 WOB, 70 Surf RPM, 108 Motor RPM. Returns through MPD choke keeping 12.5 ppg ECD bottom hole pressure with 11.1 ppg. in the process of increasing mud weight to 11.5 ppg.																																							
1.00		2: Drilling		Slide w/ Bit #40 From 14765' to 14785' (20"/hr) w/ 30 WOB, 0 Surf RPM, 108 Motor RPM. Returns through MPD choke keeping 12.5 ppg ECD bottom hole pressure with 11.1 ppg. in the process of increasing mud weight to 11.5 ppg. Diff 200 psi TF 270 deg.																																							
1.25		2: Drilling		Rotate w/ Bit #40 From 14785' to 14855' (56"/hr) w/ 25 WOB, 70 Surf RPM, 108 Motor RPM. Returns through MPD maintain 12.5 ppg ECD bottom hole pressure with 11.5 ppg in & out.																																							
1.00		2: Drilling		Slide w/ Bit #40 From 14855' to 14865' (10"/hr) w/ 20 WOB, Surf RPM, 108 Motor RPM. Diff 200 psi, TF 270 deg, returns through MPD, maintain 12.5 ppg ECD with 11.5 ppg in & out.																																							
1.50		2: Drilling		Rotate w/ Bit #40 From 14865' to 14940' (50"/hr) w/ 25 WOB, 70 Surf RPM, 108 Motor RPM. Diff 450 psi, through MPD with 12.5 ppg ECD, 11.5 ppg.																																							
1.50		2: Drilling		Slide w/ Bit #40 From 14940' to 14973' (22"/hr) w/ 20 WOB, Surf RPM, 108 Motor RPM. Diff 250 psi TF 270 MTF, returns through MPD with 12.5 ppg ECD, 11.5 ppg in & out.																																							
0.50		2: Drilling		Rotate w/ Bit #40 From 14973' to 14983' (20"/hr) w/ 25 WOB, 70 Surf RPM, 108 Motor RPM.																																							
2.00		2: Drilling		Slide w/ Bit #40 From 14983' to 15028' (23"/hr) w/ 20 WOB, 0 Surf RPM, 108 Motor RPM.																																							
0.50		7: Lubricate Rig		Service and lubricate rig and topdrive.																																							
0.50		2: Drilling		Slide w/ Bit #40 From 15028' to 15036' (16"/hr) w/ 20 WOB, 0 Surf RPM, 108 Motor RPM.																																							



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Ameredev LLC																				Report # 105													
Morning Drilling Report																																	
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																			
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Wed, April 7, 2021																			
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS											
		12/27/2020		101										15,379		15,379		27		9		3											
Current Operation				POOH @ 9,500'				Next 24 Hours				POOH, C/O BHA, TH, Drill @ 1/2" Production hole section.																					
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SKS Cmt		Hole Size					
Surface		24		1,383		1,383												410		14,80000		1,33000		0		635 / 410		26					
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635.000		11		3		Halcem												22					
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12,375		12,219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35				17 1/2					
Intermediate		9.625" L-80 47# BTC		0		13,235		8,681		8,525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000						12 1/4					
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI													
				2,799		3,279		4,139		30		30		30		30		30		30													
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0		6.500		315.6578207		497		112		0.82						13,235		13.2		1,032													
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE											
3.52		5.5		12		87		3.52		5.5		12		86		86		609				4,700											
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT	
11.7		11.7		72.0		72.0		20.0		10.0		10.0		14.0		5.0		332449.0		0.0		2.0		14.7		8.5		0.0		0.0		0.0	
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		D W		LIME		ES		LCM											
52000.00		120.00		62.00		21.00		75-25		3.88		501.00		0.00																			
PREV BIT #		Re-Run		SIZE		MFG#		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
40		8 1/2		Varel		FY713P-F		6021458		16		16		16		16		16		16		16		16		0		0		0		1,3744	
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
4/4/2021 16:13		4/5/2021 15:43		14531		15352		26.88		41.43		23.5		35.7		23		8		4		Cored		N		X		2		BT		Reason of Non-Completion	
CUR. BIT #		Re-Run		SIZE		MFG#		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
41		0		8 1/2		Halliburton		GTD74DHE		13180827		18		18		18		18		18		18		18		0		0		0		1,7395	
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
4/6/2021 21:00		4/7/2021 0:00		15352		15379		50.00		90.00		3		9.0		3																	
FUEL DELIVERED		0		FUEL USED TODAY		362		MUD ADDITIVES IN LAST 24 HOURS												SOIL FARMING / MUD DISPOSAL				FRESH WATER									
FUEL ON HAND		11,220		TOTAL FUEL USED		148,216		Gel		Mica		ABO		DAILY SOLIDS		0		OWNER															
PICKUP WT.		325		AVG. DRAG		15		Poly P		Quick Thin		PolyPac UI		TOTAL SOLIDS		0		DAILY BBLs		0													
ROTATING WT.		305		MAX. DRAG		18		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS				CUM BBLs		0													
SLACKOFF WT.		282		TQ. ON BTM		17,000		Bar		Lime		Tackle		DAILY LIQUIDS		0																	
BHA HOURS		15		TQ. OFF BTM		9,000		Bac-R		Alum Ster		Cost		TOTAL LIQUIDS		0																	
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																													
7.25		6: Tripping		TH to 13,235' on elevators, monitoring displacement. Hole giving proper displacement.																Mud diesel 9285 gals, used 371 gals													
0.50		22: Well Control		Install new rotating head assembly.																													
0.75		9: Cut Drlg Line		Slip and cut drill line, observe well static.																													
0.25		6: Tripping		TH to 13,800'																													
4.75		3: Washing/Reaming		Wash & ream with 600 GPM and 50 rpm from 13800 ft, [observe 1647 units trip gas], to obstruction at 14450 ft. Work through and continue wash and ream down to 14771 ft, returns through MPD with 13 ppg ECD bottom hole pressure.																													
0.25		6: Tripping		TH from 14771 ft to tag up 15079 ft on elevators.																													
0.75		3: Washing/Reaming		Wash & ream from 15079 ft to 15311 ft to 600 gpm, 5177 psi, 12k ft/lbs torque and 11.5 ppg OBM through open chokes on MPD.																													
0.50		27 Other		Relog gamma from 15311 ft to bottom at 15352 ft with 600 gpm, 90 rpm @ 100 ft/hr.																													
3.00		2 Drilling		Rotate w/ Bt #43 from 15352' to 15379' (9"/hr) w/ 50 WOB, 90 Surf RPM, 117 Motor RPM. Attempt to drill with various parameters without success. At 15355 ft 60% Limestone, 40% shale, trace chert, trace pyrite. Decision to POH for bit ROP.																													
0.50		6: Tripping		TDH from 15379 ft to 15279 ft, flow check & slug pipe. At 15240 ft observe tight hole, 100k over P/U.																													
3.00		3: Washing/Reaming		Backream out from 15240 ft to 9 5/8" shoe at 13233 ft with 608 gpm, 4225 psi, 60 rpm with 11k ft/lbs torque with 11.5 ppg OBM without issue. (12 ppg ECD)																													
0.50		22 Well Control		Flow check, observe well static, remove RCD element. Pump 40 bbls 14 ppg slug.																													
2.00		6 Tripping		POOH on elevators to 9,500'. Filling backside with trip tank. Hole taking calculated fill.																													



Ameredev LLC																		Report # 106							
Morning Drilling Report																									
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE											
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, April 8, 2021											
DRLG CONTRACTOR				SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perct of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
				12/27/2020		102										15,406		15,406		27		8		3	
Current Operation				Drilling 8 1/2" Production hole section @ 15,406'								Near 24 Hours				Drill 8 1/2" Production hole section.									
Type		Casing Specs		Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface		24		1,383		1,383												26							
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.00000	3118.9/3250.35	/	17 1/2							
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681	8,525	6,870	5,740	1,086	1.122	0.073 bbls/ft	963.00000		/	12 1/4							
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799		3,279		4,139	30		30		30												
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA		COST/FT. 24 HRS		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP							
5.0		6.500		299.2363156		471		201		2.49				13,235		13.2		1,082							
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		PUMP PRESSURE							
3.52		5.5		12		82		3.52		5.5		12		82		577		5,300							
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS							
11.7		11.7		72.0		72.0		20.0		10.0		10.0		14.0		6.0		332449.0							
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME							
								52000.00		120.00		62.00		21.00		75-25		3.88							
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4							
41				8 1/2		Haliburton		GTD740HE		13180827		18		18		18		18							
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER							
4/6/2021 21:00		4/7/2021 0:00		15352		15379		50.00		90.00		3		9.0		3		2							
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4							
42				8 1/2		Haliburton		SR30R		13527167		20		20		20		0							
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER							
4/8/2021 2:15		4/8/2021 6:00		15379		15406		40.00		20.00		3.75		8.3		3.25									
FUEL DELIVERED				0				FUEL USED TODAY				1,086				MUD ADDITIVES IN LAST 24 HOURS									
FUEL ON HAND				10,134				TOTAL FUEL USED				149,302				Gel									
PICKUP WT.				4,326				AVG. DRAG				15				Poly Plus									
ROTATING WT.				305				MAX. DRAG				18				Caustic									
SLACKOFF WT.				282				TQ. ON BTM				17,000				Bar									
BHA HOURS				4				TQ OFF BTM				9,000				Pac-R									
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
5.50				6: Tripping				POOH from 9500' T/ BHA on elevators with no issues. Filling back side with trip tank. Hole taking proper fill.																	
0.50				6: Tripping				Break bit, clean and organize rig floor.																	
3.00				6: Tripping				MUU bit & motor assembly, TIH to 3000 ft and test MWD.																	
4.25				6: Tripping				Continue TIH with 8 1/2" bit and motor assembly from 3000 ft to 9 5/8" shoe @ 13233 ft.																	
0.50				6: Tripping				Install RCD element.																	
0.50				6: Tripping				TIH from 13233 ft to 14100 ft, tag up with 60k.																	
2.50				3: Washing/Reaming				Wash and ream from 14100 ft to 14393 ft with 575 gpm, 5100 psi, 40 rpm, 12 to 19k ft/lbs torque, 11.7 ppg through MPD with 13 ppg ECD. (Reduce pump rate to 200 gpm holding back 300 psi to handle trip gas, observe 12 ft flare).																	
0.50				6: Tripping				Attempt to trip on elevators, no progress, apply 13 ppg with MPD, continue TIH on elevators from 14393 ft to 15200 ft.																	
0.50				7: Lubricate Rig				At 15200 ft establish circulation, change out Top Drive "grabber box" dyes.																	
0.25				3: Washing/Reaming				Wash & ream from 15200 ft to 15369 ft with 575 gpm, 5100 psi, 40 rpm, 12 to 19k ft/lbs torque, 11.7 ppg through MPD with 13 ppg ECD. Observe Top drive stall and pump pressure spike, bleed off pressure.																	
0.50				27: Other				Work tight hole from 15369 ft, attempt to regain circulation unsuccessful. Reciprocate pipe between 480k and 240k, bleed off MPD, rack stand and establish circulation.																	
1.75				5: Cond. Mud & Circ				Stage up mud pumps from 250 gpm to 550 gpm, reciprocate pipe, establish 40 rpm and conduct clean up cycle. Observe 50% large cuttings, 30% medium, 20% normal. Largest pieces up to 3 inch coming over shaker 1/4" wide. Aprox 20% of sample was splintered or concave.																	
2.75				2: Drilling				Rotate w/ Bit #42 From 15379' to 15400' (876/hr) w/ 30 WOB, 20 Surf RPM, 103.5 Motor RPM. Circulate through MPD and maintain 13 ppg ECD with 11.7 pg OBM.																	
0.50				27: Other				Shut well in and repair flare stack ignitors.																	
0.50				2: Drilling				Rotate w/ Bit #42 From 15400' to 15406' (132 ft/hr) w/ 30 WOB, 20 Surf RPM, 105.12 Motor RPM.																	
24.00								No Accidents, Spills or Inspections to report																	
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD									
1		8.5" Security SR30R Insert		1.00		1. MIRU/RDMO		0.00		81.00															
1		7 1/4" 477 4.6 LEAM, 400-750 GPM 0.18 REVS, 1040 DIFF, 14052 THD, 348 HP		33.00		2. Drilling		3.25		450.25		Depth		Dev.		VS									
1		Float Sub Double bore		3.00		3. Washing/Reaming		2.75		199.75		12,170		1.53		98									
1		6.5" UBHO		4.00		4. Lost Circulation		0.00		11.75		12,264		1.42		101									
1		6.75" NMDC		30.00		5. Cond. Mud & Circ		1.75		149.25		12,359		1.35		95									
1		6.75" NMDC		30.00		6. Tripping		14.75		654.50		12,453		1.39		91									
17		6.5" DC's		518.00		7. Lubricate Rig		0.50		20.25		12,548		1.44		89									
21		5" HWDP		636.00		8. Rig Repair		0.00		53.00		12,642		1.63		83									
						9. Cut Drig Line		0.00		14.00		12,737		1.87		82									
						10. Deviation Survey		0.00		0.50		12,831		2.11		85									
						11. Wireline Logging		0.00		74.00		12,926		2.15		86									
						12. Run Casing		0.00		94.50		13,020		2.28		84									
						13. Cement Casing		0.00		48.25		13,115		2.60		82									
						14. Wait On Cement		0.00		20.00		13,238		3.28		81									
						15. NU BOP's		0.00		106.75		13,315		3.54		84									
						16. Test BOP's		0.00		36.25		13,410		4.17		84									
						17. Plug Back		0.00		0.00		13,504		2.55		94									
						18. Squeeze Cmt.		0.00		0.00		13,599		2.58		94									
						19. Fishing		0.00		54.50		13,694		2.60		91									
						20. Directional Work		0.00		42.75		13,783		3.12		81									
						21. Weather		0.00		0.00		13,878		3.41		84									
						22. Well Control		0.00		197.75		13,972		3.17		88									
						23. Waiting-Orders/Equip		0.00		19.00		Planned VS		feet @		azimuth									
						24. Drill Cmt / Shoe Test		0.00		7.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER									
						25. Jet & Clean Pits		0.00		0.00		NIGHT DRILLING FOREMAN				CELL PHONE NUMBER									
Joints		DP ITEM		OD		#/FT		GRADE		LENGTH		Steven Ridder				AMEREDDEV PERSONNEL									
219		DP		5		19.5		5-135		6903.28		26. Regulatory		0.00		54.50									
												27. Other		1.00		115.25									
												28. Other		0.00		15.50									
												29. Other		0.00		0.00									
												30. Other		0.00		0.00									
												31. Other		0.00		0.00									
												TOTALS		24.00		2521.00									



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Ameredev LLC																	Report # 110	
Morning Drilling Report																		
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Mon, April 12, 2021					
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS		
		12/27/2020	106									15,750	15,750	0	0	0		
Current Operation				T/H @ 1200'				Next 24 Hours				T/H, Drill @ 1 1/2" Hole section.						
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size
Surface	24			1,383		1,383												26
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22
Intermediate	13.625" Q-125 88.2# BTC			0		7,150		12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/	/	12 1/4
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		
Barnet				2,799		3,279		4,139		30				30				
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP			
5.0	6.500	328.334/672	548	301	6.08						13,235		13.2		960			
GPS #1	LINER X STROKE			SPM #1	GPS #2		LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMP PRESSURE			
3.52	5.5			12	82		5.5		12	82	5.0		14	577	3,900			
MW IN	MW OUT	VIS IN	VIS OUT	PV	YF	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
12.0	12.0	55.0	55.0	18.0	10.0	11.0	24.0	5.0	356001.0	0.0	1.0	20.8	5.9	0.0	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM							
				58000.00	0.00	59.20	20.00	75.25	4.53	539.00	0.00							
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
43		8 1/2	Baker	D507TX	14	14	14	14	14	14	14	0	0	0	0	0.9020		
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
4/9/2021 20:00	4/10/2021 4:15	15463	15750	26.00	30.00	8.25	34.8	8.25	LIH	LIH	LIH	LIH	LIH	LIH	LIH	Lost In Hole		
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
44		8 1/4	Weatherford	Concave Mill	20	20	20	0	0	0	0	0	0	0	0	0.6136		
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
		0						0										
FUEL DELIVERED				7,180	FUEL USED TODAY		2,233	MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL			FRESH WATER		
FUEL ON HAND				10,255	TOTAL FUEL USED		156,361	Gel		Mica		ABO	DAILY SOLIDS			0	OWNER	
PICKUP WT.				340	AVG. DRAG		15	Poly Plus		Quick Thin		PolyPac UI	TOTAL SOLIDS			0	DAILY BBLs	0
ROTATING WT.				306	MAX. DRAG		18	Caustic		Soda Ash		Gelex	DAILY DISPOSAL COSTS				CUM BBLs	0
SLACKOFF WT.				285	TQ. ON BTM		17,000	Bar		Lime		Tackle	DAILY LIQUIDS			0		
BHA HOURS				12	TQ OFF BTM		10,000	Pac-R		Alum Ster		Cost	TOTAL LIQUIDS			0		
HOURS	TIME CODE			CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )														
5.25	3: Washing/Reaming			Wash and Ream down from 14,536' to 14,609'. Had to work stand numerous times changing parameters trying to get through this spot. Finally broke through with 600 GPM and 100 RPM. Weight stacking up to 45K and torque jumping between 6-20K. Unloaded a lot of fine cuttings at shakers while working stand.														
2.50	3: Washing/Reaming			Wash and ream down from 14,609' to 15468' with 600 GPM and 100 RPM with no issues.														
0.50	7: Lubricate Rig			Rig Service														
1.25	3: Washing/Reaming			Wash and ream down from 15468 ft to 15746 with 700 GPM and 100 RPM with no issues.														
1.50	27: Other			Mill from 15746 ft to 15750 ft with 2 to 5k worn, 500 gpm, 2800 psi, 40 rpm and torque from 7 to 15k ft/lbs. Positive indications working on bit. Reciprocate pipe often off bottom, then back on bit, increase rpm to 100, then worn to 30k. Observe swarf at shakers.														
0.75	6: Tripping			Pump out of hole with 8 1/4" concave mill with 600 gpm, 10 rpm from 15750 ft to 15309 ft. Normal drag observed.														
0.50	28: Other			While circulating and rotating at 15309 ft conduct Safety Stand-down with Rig Personnel, Rig Manager, Ameredev rep on site & Control Room.														
2.75	3: Washing/Reaming			Continue back reaming out of hole from 15309 ft to 13235 ft inside 9 5/8" casing with 600 gpm, 10 rpm increasing to 20 rpm and 3700 psi.														
0.50	22: Well control			Flow check, observe well static. Pump 40 BBLs 15 ppg slug.														
2.00	3: Washing/Reaming			Strip out of hole from 13235 ft to 8358 ft while maintaining 150 psi through MPD on formation to prevent swabbing.														
0.25	7: Lubricate Rig			Rig Service, repair hydraulic leak on Top Drive.														
2.50	6: Tripping			Strip out of hole from 8358 ft to BHA ft while maintaining 150 psi through MPD on formation to prevent swabbing.														
0.25	22: Well control			Flow check, observe well static. Recover RCD element, install trip nipple. Recovered 6.26 lbs of swarf from magnets.														
1.50	6: Tripping			Continue TOR with Concave mill BHA, break down mill and clean rig floor.														
1.25	6: Tripping			P/U New BHA, install MWD and Scribe motor.														
0.75	6: Tripping			TH with 6 3/4" drill collars and drill pipe on elevators with no issues. Monitor displacement on trip tank. Hole giving proper displacement.														
24.00																		
QTY	BHA ITEM				LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD			
1	Weatherford Concave Mill				1.73		1 MTRU/RDMQ		0.00	81.00								
1	Bit sub with float				3.08		2 Drilling		0.00	468.25	Depth		Dev.	Azi	TVD	VS	DLS	
1	6.75 NMDC				30.40		3 Washing/Reaming		13.75	223.00	12,170		1.53	98	12,165	-111.08	0.22	
17	6.5" DC				515.38		4 Lost Circulation		0.00	11.75	12,264		1.42	101	12,259	-112.99	0.14	
1	Float sub single				4.50		5 Cond. Mud & Circ		0.00	149.75	12,359		1.35	95	12,354	-114.77	0.16	
21	HWOP				635.77		6 Tripping		6.75	697.75	12,453		1.39	91	12,448	-116.39	0.12	
							7 Lubricate Rig		0.75	21.50	12,548		1.44	89	12,543	-117.99	0.06	
							8 Rig Repair		0.00	53.00	12,642		1.63	83	12,637	-119.57	0.28	
							9 Cut Drig Line		0.00	20.00	12,737		1.87	82	12,732	-121.26	0.25	
							10 Deviation Survey		0.00	0.50	12,831		2.11	85	12,826	-123.20	0.27	
							11 Wireline Logging		0.00	74.00	12,926		2.15	86	12,921	-125.40	0.07	
							12 Run Casing		0.00	94.50	13,020		2.28	84	13,015	-127.63	0.17	
							13 Cement Casing		0.00	48.25	13,115		2.60	82	13,110	-130.00	0.34	
							14 Wait On Cement		0.00	20.00	13,238		3.28	81	13,233	-133.59	0.55	
							15 NU BOP's		0.00	106.75	13,315		3.54	84	13,309	-136.27	0.40	
							16 Test BOP's		0.00	36.25	13,410		4.17	84	13,404	-140.14	0.66	
							17 Plug Back		0.00	0.00	13,504		2.55	94	13,498	-143.74	1.81	
							18 Squeeze Out		0.00	0.00	13,599		2.58	94	13,593	-146.85	0.04	
							19 Fishing		0.00	54.50	13,694		2.60	91	13,688	-149.92	0.14	
							20 Directional Work		0.00	42.75	13,783		3.12	81	13,777	-152.68	0.82	
							21 Weather		0.00	0.00	13,878		3.41	84	13,872	-155.85	0.37	
							22 Well Control		0.75	199.50	13,972		3.17	88	13,965	-159.27	0.34	
							23 Waiting-Orders/Equip		0.00	19.00	Planned VS		feet @ azimuth					
							24 Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN		CELL PHONE NUMBER					
							25 Jet & Clean Pits		0.00	0.00								
							26 Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER					
219	DP	5	19.5	5-135	6903.28	27	Other	1.50	116.75	Steven Ridder								
						28	Other	0.50	16.00	AMEREDEV PERSONELL								
						29	Other	0.00	0.00	DRILLING SUPERINTENDENT				JT Wilkerson				
						30	Other	0.00	0.00	DRILLING ENGINEER				John Zabaldano				
						31	Other	0.00	0.00	DAY CONTROL ROOM SUP				Chris Huff				
						TOTALS		24.00	2617.00	NIGHT CONTROL ROOM SUP				Andy Slusarchuk				
Cost Input																		
Cost Type	Charge	Code		Description					Vendor		Unit Cost	Quantity	Cost	Carry Over				
8500		0.094		SUPERVISION / CONTRACT		Stephen Ritter					Rusco Operating LLC		1.0		Yes			
8500		0.094		SUPERVISION / CONTRACT		Andy Slusarchuk / Chris Huff					Rusco Operating LLC		1.0		Yes			
8500		0.024		SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants					Hoppe's Construction LLC		1.0		Yes			
8500		0.024		SURFACE RENTALS		Internet & Intercoms					wersat Communications US		1.0		Yes			
8500		0.024		SURFACE RENTALS		Forklift \$150/day					Boland Field Services LLC		1.0		Yes			
8500		0.024		SURFACE RENTALS		14 x Flat bottom Frac tanks					Blueprint Oilfield Services Inc		1.0		Yes			
8500		0.024		SURFACE RENTALS		4 Sets of pipe Bolsters					Divine Energy Services Inc		1.0		Yes			
8500		0.024		SURFACE RENTALS		4 Sets of pipe racks					Divine Energy Services Inc		1.0		Yes			
8500		0.024		SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection					Pason		1.0		Yes			
8500		0.01		DRILLING RIG		Citadel Rig #3 (OBM Pay)					Citadel Drilling		1.0		Yes			
8500		0.024		SURFACE RENTALS		1-4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank					Johnso Specialty Tools LLC		1.0		Yes			
8500		0.024		SURFACE RENTALS		Diverter Line, Drive over & Igniter					Iron Horse Tools LLC		1.0		Yes			
8500		0.124		TY AND EMERGENCY RESP		H2s Compliance Package					American Safety Services, In		1.0		Yes			
8500		0.066		DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands + OBM washgun \$25/day					KSW Oilfield Rental LLC		1.0		Yes			
8500		0.138		MUD LOGGING		Mud Logging Service					ckstone Analytics Mud Logg		1.0		Yes			
8500		0.024		SURFACE RENTALS		Minion Tank					Think Tank		1.0		Yes			
8500		0.048		LL CONTROL EQUIP / SERV		Rotating Head & MPD					Opla		1.0		Yes			
8500		0.06		D, ADDITIVES, AND CHEM		Mud additives & driveby mud check (OBM)					NOVA Mud		1.0		Yes			
8500		0.032		DIRECTIONAL DRILLING		Learn Motor Rental					Learn		1.0		Yes			
8500		0.032		DIRECTIONAL DRILLING		MWD Services					AIM		1.0		Yes			
8500		0.024		SURFACE RENTALS		500 BBL pre-nix tank (\$450/Day)					McAda Drilling Fluids Inc.		1.0		Yes			
8500														\$	-			
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Ameredev LLC																	Report # 111	
Morning Drilling Report																		
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE					
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Tue, April 13, 2021					
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS		
		12/27/2020	107									15,750	15,750	0	0	0		
Current Operation				Tripping out of hole				Next 24 Hours				Trip out of hole C/O bit T1H						
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size		
Surface	24			1,383	1,383											26		
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22		
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10.030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2		
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/	/	12 1/4		
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI						
Barnet				2,799	3,279	4,139	30		30		30							
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.	COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP				
5.0	6.500	328.334/672	548	301	6.11					13,235		13.2		826				
GPS #1	LINER X STROKE	SPM #1	GPS #2	LINER X STROKE	SPM #2	GPS #3	LINER X STROKE	SPM #3	GPM	PUMPS	PUMP PRESSURE							
3.52	5.5	12	82	3.52	5.5	12	82		577		3,900							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT		
12.0	12.0	57.0	57.0	19.0	11.0	12.0	26.0	5.0	353508.0	0.0	1.0	18.9	6.7	0.0	0.0	0.0		
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM							
				62000.00	0.00	59.20	19.20	76.24	4.53	5.40	0.00							
PREV BIT #	Re-Run	SIZE	MPGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
43		8 1/2	Baker	D507TX	14	14	14	14	14	14	14	0	0	0	0	0.9020		
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
4/9/2021 20:00	4/10/2021 4:15	15463	15750	26.00	30.00	8.25	34.8	8.25	LIH	LIH	LIH	LIH	LIH	LIH	LIH	Lost In Hole		
CUR. BIT #	Re-Run	SIZE	MPGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA		
44		8 1/4	Weatherford	Concave Mill	20	20	20	0	0	0	0	0	0	0	0	0.6136		
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON		
		0	0					0								Bit Engaged / Connected		
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER		
				0				1,207										
FUEL ON HAND				TOTAL FUEL USED				Gel		Mica		ABO		DAILY SOLIDS				
				9,048										0				
PICKUP WT.				AVG. DRAG				Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS				
				340				15						0				
ROTATING WT.				MAX. DRAG				Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS				
				306				18						0				
SLACKOFF WT.				TQ. ON BTM				Bar		Lime		Tackle		DAILY LIQUIDS				
				285				17,000						0				
BHA HOURS				TQ. OFF BTM				Pac-R		Alum Ster		Cost		TOTAL LIQUIDS				
				12				10,000						0				
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )										
7.00				6: Tripping				T1H F/ Surface T/ 13,100'. Monitoring displacement on trip tank. Hole giving proper displacement. Had to trip slow due to 25 mph wind speeds.										
0.50				6: Tripping				Install Rotating Head Assembly.										
1.00				9: Cut Drig Line				Slip and cut drill line.										
0.50				7: Lubricate Rig				Rig Service										
0.75				6: Tripping				Continue T1H with 8 1/2" bit & motor assembly from 13100 ft to tag up at 13700 ft.										
3.25				3: Washing/Reaming				Wash and ream from 13700 ft to 15400 ft with 500 GPM, 3700 SPP, 40 RPM, 8-13k ft/lbs torque.										
1.00				27: Other				Work tight hole at 15400 ft, attempt to circulate, not possible. Reciprocate pipe between 480k and 230k then establish circulation, start rotating at 40 rpm.										
2.50				3: Washing/Reaming				Wash and ream from 15400 ft to 15720 ft with 500 gpm, 3700 psi, 40 rpm, 8-13k ft/lbs torque through MPD maintaining 12.5 ppg with 11.8 ppg OBM.										
0.50				28: Other				Re-log gama from 15720 ft to 15740 ft.										
0.50				3: Washing/Reaming				Circulate 10 ft off bottom with 800 gpm, then work down and tag bottom with 5k, repeat.										
2.50				29: Other				Attempt to drill with 8 1/2" bit and motor assembly from 15750 ft to 15753 ft with 625 gpm, 3413 psi, 128 Diff, 30 rpm, 9500 ft/lbs torque through MPD maintaining 12.5 ppg with 11.8 ppg OBM. Not able to obtain good off, junk in hole.										
4.00				3: Washing/Reaming				Backream out from bottom at 15753 ft to 9 5/8" shoe at 13233 ft with 505 gpm, 3879 psi, 40 rpm with 13k ft/lbs torque with 11.8 ppg OBM without issue through MPD maintaining 12.5 ppg ECD.										
24.00								No Accidents, Spills or Inspections to report.										
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD				
1		Weatherford Concave Mill		1.73		1 MRLU/RDMO		0.00	81.00									
1		Bit sub with float		3.08		2 Drilling		0.00	468.25	Depth		Dev.		TVD		VS	DLS	
1		6.75 NMDC		30.40		3 Washing/Reaming		10.25	233.25	12,170		1.53		12,165		-111.08	0.22	
17		6.5" DC		515.38		4 Lost Circulation		0.00	11.75	12,264		1.42		12,259		-112.99	0.14	
1		Float sub single		4.50		5 Cond. Mud & Circ		0.00	149.75	12,359		1.35		12,354		-114.77	0.16	
21		HWDP		635.77		6 Tripping		8.25	706.00	12,453		1.39		12,448		-116.39	0.12	
						7 Lubricate Rig		0.50	22.00	12,548		1.44		12,543		-117.99	0.06	
						8 Rig Repair		0.00	53.00	12,642		1.63		12,637		-119.57	0.28	
						9 Cut Drig Line		1.00	21.00	12,737		1.87		12,732		-121.26	0.25	
						10 Deviation Survey		0.00	0.50	12,831		2.11		12,826		-123.20	0.27	
						11 Wireline Logging		0.00	74.00	12,926		2.15		12,921		-125.40	0.07	
						12 Run Casing		0.00	94.50	13,020		2.28		13,015		-127.63	0.17	
						13 Cement Casing		0.00	48.25	13,115		2.60		13,110		-130.00	0.34	
						14 Wait On Cement		0.00	20.00	13,238		3.28		13,233		-133.59	0.55	
						15 NU BOP's		0.00	106.75	13,315		3.54		13,309		-136.27	0.40	
						16 Test BOP's		0.00	36.25	13,410		4.17		13,404		-140.14	0.66	
						17 Plug Back		0.00	0.00	13,504		2.55		13,498		-143.74	1.81	
						18 Squeeze Cmt		0.00	0.00	13,599		2.58		13,593		-146.85	0.04	
						19 Fishing		0.00	54.50	13,694		2.60		13,688		-149.92	0.14	
						20 Directional Work		0.00	42.75	13,783		3.12		13,777		-152.68	0.82	
						21 Weather		0.00	0.00	13,878		3.41		13,872		-155.85	0.37	
						22 Well Control		0.00	199.50	13,972		3.17		13,965		-159.27	0.34	
						23 Waiting-Orders/Equip		0.00	19.00	Planned VS		feet @		azimuth				
						24 Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER				
						25 Jet & Clean Pits		0.00	0.00									
Joints		DP ITEM	OD	#/FT	GRADE	LENGTH	26 Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER				
219		DP	5	19.5	S-135	6903.28	27 Other	1.00	117.75	Steven Ridder								
								28 Other	0.50	16.50	AMEREDDEV PERSONNEL							
								29 Other	2.50	2.50	DRILLING SUPERINTENDENT				JT Wilkerson			
								30 Other	0.00	0.00	DRILLING ENGINEER				John Zabaldano			
								31 Other	0.00	0.00	DAY CONTROL ROOM SUP				Chris Huff			
						Total Depth		15750.00	TOTALS	24.00	2641.00	NIGHT CONTROL ROOM SUP				Andy Slusarchuk		
Cost Input																		
Cost Type	Charge	Code		Description	Vendor	Unit Cost	Quantity	Cost	Carry Over									
8500	0.094	SUPERVISION / CONTRACT		Stephen Ritter	Rusco Operating LLC		1.0		Yes									
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarchuk / Chris Huff	Rusco Operating LLC		1.0		Yes									
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants	Hoppe's Construction LLC		1.0		Yes									
8500	0.024	SURFACE RENTALS		Internet & Intercoms	versat Communications US		1.0		Yes									
8500	0.024	SURFACE RENTALS		Forklift \$150/day	Boland Field Services LLC		1.0		Yes									
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks	Blueprint Oilfield Services Inc		1.0		Yes									
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters	Divine Energy Services Inc		1.0		Yes									
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks	Divine Energy Services Inc		1.0		Yes									
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection	Pason		1.0		Yes									
8500	0.01	DRILLING RIG		Citadel Rig #3 (OBM Pay)	Citadel Drilling		1.0		Yes									
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank	Johnso Specialty Tools LLC		1.0		Yes									
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter	Iron Horse Tools LLC		1.0		Yes									
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package	American Safety Services, In		1.0		Yes									
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands + OBM washgun \$25/day	KSW Oilfield Rental LLC		1.0		Yes									
8500	0.198	MUD LOGGING		Mud Logging Service	ckstone Analytics Mud Logg		1.0		Yes									
8500	0.024	SURFACE RENTALS		Minion Tank	Think Tank		1.0		Yes									
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD	Opla		1.0		Yes									
8500	0.06	D, ADDITIVES, AND CHEM		Mud additives & driveby mud check (OBM)	NOVA Mud		1.0		Yes									
8500	0.032	DIRECTIONAL DRILLING		Learn Motor Rental	AIM		1.0		Yes									
8500	0.032	DIRECTIONAL DRILLING		MWD Services	AIM		1.0		Yes									
8500	0.024	SURFACE RENTALS		500 BBL pre-mix tank (\$450/Day)	McAda Drilling Fluids Inc.		1.0		Yes									
8500	0.068	D / FLUIDS DISPOSAL CHAR		Mud disposal and truck washout	estone Environmental Serv		1.0		No									
8500	0.028	DRILL BITS		8.5" PDC GT85DMHE #13291186	Halliburton Energy Services		1.0		No									
8500								\$ -										
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Ameredev LLC																		Report # 112			
Morning Drilling Report																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE							
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Wed, April 14, 2021							
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		108								15.772		15.772		19		5		4	
Current Operation:				Drilling 8.5" Hole				Next 24 Hours:				Drill, TOOH for PDC bit and motor									
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24			1,383	1,383											26					
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Barnet				2,799	3,279	4,139	90	30	30		30										
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	299.2363156	471	201	2.45							13,235		13.2		1,170					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE			
3.52	5.5			12	82	3.52			5.5	12	82			577		3,900					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT					
11.5	57.0	57.0	57.0	19.0	11.0	11.0	24.0	5.0	226522.0	0.0	1.0	18.6	6.8	0.0	0.0	0.0					
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM										
				62000.00	0.00	60.60	18.30	3.35	4.53	547.00	0.00										
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
45		8 1/2	Halliburton	GT65DMHE	16	16	16	16	16	16	0	0	0	0	0	0.9817					
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
1/0/1900 0:00		0	0	0.00	0.00			0	8	8	0	A	X	I	NO	See Off Production Report					
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
46		8 1/2	Varel	HE37MRSV	1628046	20	20	20	8	0	0	0	0	0	0	0.9204					
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
		0	0	0.00	0.00			0													
FUEL DELIVERED				0		FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER					
FUEL ON HAND				7,962		TOTAL FUEL USED		158 654		Gel		Mica		ABQ		DAILY SOLIDS		0		OWNER	
PICKUP WT.				340		AVG. DRAG		15		Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS		0		DAILY BBLS	
ROTATING WT.				306		MAX. DRAG		18		Caustic		Soda Ash		Galex		DAILY DISPOSAL COSTS		CUM BBLS		0	
SLACKOFF WT.				285		TQ. ON BTM		17,000		Bar		Lime		Tackle		DAILY LIQUIDS		0			
BHA HOURS				12		TQ. OFF BTM		10,000		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS		0			
HOURS				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
0.25				27: Other Safety Meeting/Crew Handover..																	
5.75				6: Tripping Tooh to 551'																	
1.00				6: Tripping Back Back Drill Collars.																	
0.25				20: Directional Work Drain Mud Motor/Break Bit.																	
1.75				27: Other Decision made to P/U Insert Bit and Bit Sub, Lay down NMDC, UBHO & Motor, Load and Strap 9 joints of HWDP to Replace Bent Joints.																	
0.75				6: Tripping P/U Drill collar, Make up Bit and Bit Sub.																	
0.50				7: Lubricate Rig Rig Service, Change out Dies in TM-120.																	
0.50				6 Tripping Continue Picking up Drill Collars.																	
1.25				6 Tripping Swap out Bent HWDP with 9 joints of HWDP.																	
0.25				27: Other Safety Meeting/Crew Handover.																	
4.50				6: Tripping Trip in hole to 13235 filling pipe every 30 stands																	
3.50				3 Washing/Reaming Wash and Ream from 13235' to 15753'																	
3.75				2 Drilling Rotate w/ Bit #46 from 15750' to 15772' (6"/hr) w/ 45 WOB, 85 Surf RPM, Motor RPM.																	
24.00				No Accidents, Spills or Inspections to report.																	
QTY	BHA ITEM				LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD							
1	8.5" HE37MRSV Bit				1.00	1: MUD/RODM		0.00	81.00												
1	Bit Sub (Float Installed)				3.08	2: Drilling		3.75	472.00	Depth	Dev	Azi	TVD	VS	OLS						
1	6.75 NMDC				30.40	3: Washing/Reaming		3.50	236.75	12,170	1.53	98	12,165	-111.08	0.22						
17	6.5" Drill Collars				515.38	4: Lost Circulation		0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14						
24	5" HWDP				726.16	5: Cond. Mud & Circ		0.00	149.75	12,359	1.35	95	12,354	-114.77	0.16						
						6: Tripping		13.75	719.75	12,453	1.39	91	12,448	-116.39	0.12						
						7: Lubricate Rig		0.50	22.50	12,548	1.44	89	12,543	-117.99	0.06						
						8: Rig Repair		0.00	53.00	12,642	1.63	83	12,637	-119.57	0.28						
						9: Cut Drlg Line		0.00	21.00	12,737	1.87	82	12,732	-121.26	0.25						
						10: Deviation Survey		0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27						
						11: Wireline Logging		0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07						
						12: Run Casing		0.00	54.50	13,020	2.28	84	13,015	-127.63	0.17						
						13: Cement Casing		0.00	48.25	13,115	2.60	82	13,110	-130.00	0.34						
						14: Wait On Cement		0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55						
						15: NU BOP's		0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40						
						16: Test BOP's		0.00	36.25	13,410	4.17	84	13,404	-140.14	0.66						
						17: Plug Back		0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81						
						18: Squeeze Cmt		0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04						
						19: Fishing		0.00	54.50	13,694	2.60	91	13,688	-149.92	0.14						
						20: Directional Work		0.25	43.00	13,783	3.12	81	13,777	-152.68	0.82						
						21: Weather		0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37						
						22: Well Control		0.00	199.50	13,972	3.17	88	13,965	-159.27	0.34						
						23: Waiting-Orders/Equip		0.00	19.00	Planned VS =		feet @		azimuth							
						24: Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN		CELL PHONE NUMBER									
						25: Jet & Clean Pits		0.00	0.00	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER									
Joints	DP ITEM	OD	#/FT	GRADE	LENGTH	26: Regulatory		0.00	54.50	Steven Ridder											
219	DP	5	19.5	S-135	6903.28	27: Other		2.25	120.00	AMEREDEV PERSONELL											
						28: Other		0.00	16.50	IT Wilkerson											
						29: Other		0.00	2.50	DRILLING SUPERINTENDENT											
						30: Other		0.00	0.00	DRILLING ENGINEER		John Zabaldano									
						31: Other		0.00	0.00	DAY CONTROL ROOM SUP		Ted Cheatwood									
					Total Depth	TOTALS		24.00	2665.00	NIGHT CONTROL ROOM SUP		Hesston Cheatwood									
Cost Input																					
Cost Type	Charge	Code		Description						Vendor		Unit Cost	Quantity	Cost	Carry Over						
8500	0.094	SUPERVISION / CONTRACT		Stephen Ritter						Rusco Operating LLC			1.0		Yes						
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood/Hesston Cheatwood						Rusco Operating LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots, Water and Septic for office trailer, 3 Light Plants						Hoppe's Construction LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Internet & Intercoms						versat Communications USA			1.0		Yes						
8500	0.024	SURFACE RENTALS		Forklift \$150/day						Boland Field Services LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks						Blueprint Oilfield Services			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters						Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks						Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection						Pason			1.0		Yes						
8500	0.01	DRILLING RIG		Citadel Rig #3 (OBM Pay)						Citadel Drilling			1.0		Yes						
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank						Johnso Specialty Tools LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter						Iron Horse Tools LLC			1.0		Yes						
8500	0.124	ITY AND EMERGENCY RESPON		H2s Compliance Package						merican Safety Services, Inc			1.0		Yes						
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands + OBM washgun \$25/day						KSW Oilfield Rental LLC			1.0		Yes						
8500	0.198	MUD LOGGING		Mud Logging Service						ckstone Analytics Mud Logg			1.0		Yes						
8500	0.024	SURFACE RENTALS		Minion Tank						Think Tank			1.0		Yes						
8500	0.048	LL CONTROL EQUIP / SERVI		Rotating Head & MPD						Opla			1.0		Yes						
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check (OBM)						NOVA Mud			1.0		Yes						
8500	0.032	DIRECTIONAL DRILLING		Leam Motor Rental						Leam			1.0		Yes						
8500	0.032	DIRECTIONAL DRILLING		MWD Services						AIM			1.0		Yes						
8500	0.024	SURFACE RENTALS		500 BBL pre-mix tank (\$450/Day)						McAda Drilling Fluids Inc.			1.0		Yes						
8500	0.066	DS CONTROL EQUIP / SERV		Shaker Screens						Derrick Corporation			1.0		No						
8500	0.016	FUEL		Deliver 7191 Gal of Rig Fuel						Sun Coast Resources Inc			1.0		No						
8500														\$	-						
8500														\$	-						
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Ameredev LLC																				Report # 113			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Thu, April 15, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perct of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		109										15,907		15,907		135		36		4	
Current Operation:				Drilling 8.5" Hole Section				Next 24 Hours:				Drill to casing point, circ, toolh for logs											
Type	Casing Specs			Top TMD	Botm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	90	30	30														
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.	COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	299.2363156	471	134	1.10									13,235		13.2		1,170					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS	PUMP PRESSURE						
3.52	5.5			12	82	5.5			12	82	5.5			12	577		3,900						
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
11.5	57.0	57.0	57.0	19.0	11.0	11.0	24.0	5.0	226522.0	0.0	1.0	18.6	6.8	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
				62000.00	0.00	60.60	18.30	3.35	4.53	547.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
46		8 1/2	Varel	HE37MRSV	1628046	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/0/1900 0:00		0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
47		8 1/2	Uterra	U713M	54899	16	16	16	1	16	16	16	0	0	0	1.3744							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0	0.00	0.00			0															
FUEL DELIVERED				0	FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER						
FUEL ON HAND				6,635	TOTAL FUEL USED				159,981				DAILY SOLIDS				OWNER						
PICKUP WT.				340	AVG. DRAG				15 Poly Plus				TOTAL SOLIDS				DAILY BBLs						
ROTATING WT.				306	MAX. DRAG				18 Caustic				DAILY DISPOSAL COSTS				CUM BBLs						
SLACKOFF WT.				285	TQ. ON BTM				17,000 Bar				DAILY LIQUIDS				0						
BHA HOURS				12	TQ. OFF BTM				10,000 Pac-R				TOTAL LIQUIDS				0						
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
HOURS		TIME CODE																					
2.00		2: Drilling			Rotate w/ Bit #46 From 15772' to 15779' (4"/hr) w/ 45 WOB, 85 Surf RPM, 0 Motor RPM.																		
4.75		3: Washing/Reaming			Back ream from 15779' to 13235'																		
0.50		22: Well Control			Remove Rotating Head, install Trip Nipple.																		
4.75		6: Tripping			Pump Slug and Toolh from 13,235' to 1,300'.																		
0.25		27: Other			Safety Meeting/Crew Handover.																		
0.50		6: Tripping			Rack Back Drill Collars.																		
0.75		20: Directional Work			P/U Motor, NMDC, Make up Bit, Scribe Motor & install MWD tool.																		
5.00		6: Tripping			Tfh from BHA to 13,235'. Test MWD @ 5,000' (Good Test)																		
0.50		22: Well Control			Remove Trip Nipple, install Rotating Head.																		
0.75		9: Cut Drlg Line			Slip and Cut Drilling Line.																		
2.00		3: Washing/Reaming			Wash and Ream from 13,235' to 15,779'.																		
0.50		20: Directional Work			Re-log Gamma from 15719'-15779'																		
1.75		2: Drilling			Rotate w/ Bit #47 From 15779' to 15907' (73"/hr) w/ 22 WOB, 40 Surf RPM, 176 Motor RPM.																		



Ameredev LLC																			
Report # 114																			
Morning Drilling Report																			
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE						
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Fri, April 16, 2021						
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS			
		12/27/2020	110									16,135	16,135	228	24	10			
Current Operation				Working tight hole				Next 24 Hours				Work pipe free							
Type	Casing Specs			Top TMD	Blm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size			
Surface	24			1,383	1,383											26			
Intermediate	20" N-80 133# BTC			0	3,412	NeoCam	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22			
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2			
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/	/	12 1/4			
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI							
Barnet				2,799	3,279	4,139	30		30		30								
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.	COST/FT. 24 HRS.		COST/FT. (QA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	299.2363156	471	134	1.10					13,235		13.2		1,170					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE			
3.52	5.5			12	3.52	5.5		12				577		3,900					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT			
11.5	11.5		57.0	19.0	11.0	11.0	24.0	5.0	226522.0	0.0	1.0	18.6	6.8	0.0	0.0	0.0			
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM								
				62000.00	0.00	60.60	18.30	3.35	4.53	547.00	0.00								
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA			
46		8 1/2	Varel	HE37MRSV	1628046	20	20	20	0	0	0	0	0	0	0	0.9204			
START FT	END FT	DEPTH IN	DEPTH OUT	AVE WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON			
1/0/1900 0.00	1/0/1900 0.00	0	0	0.00	0.00	0		0	1	2	8T	M	E	I	WT	Reason of Discontinuation			
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA			
47		8 1/2	Ukerra	U713M	54899	16	16	16	16	16	16	16	0	0	0	1.3744			
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVE WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON			
		0	0	0.00	0.00			0											
FUEL DELIVERED				1,890	FUEL USED TODAY				1,872	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL		FRESH WATER			
FUEL ON HAND				6,553	TOTAL FUEL USED				161,853	Gel		Mica		ABO	DAILY SOLIDS		0	OWNER	
PICKUP WT.				340	AVG. DRAG				15	Poly Plus		Quick Thin		PolyPac UI	TOTAL SOLIDS		0	DAILY BBLs	0
ROTATING WT.				306	MAX. DRAG				18	Caustic		Soda Ash		Gelex	DAILY DISPOSAL COSTS			CUM BBLs	0
SLACKOFF WT.				285	TQ. ON BTM				17,000	Bar		Lime		Tackle	DAILY LIQUIDS		0		
BHA HOURS				12	TQ OFF BTM				10,000	Pac-R		Alum Ster		Cost	TOTAL LIQUIDS		0		
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
HOURS		TIME CODE																	
2.00	2: Drilling		Rotate w/ Bit #47 From 15907' to 16038' (66"/hr) w/ 22 WOB, 40 Surf RPM, 176 Motor RPM.																
5.00	2: Drilling		Rotate w/ Bit #47 From 16038' to 16100' (12"/hr) w/ 15 WOB, 0 Surf RPM, 192 Motor RPM.																
1.00	5: Cond. Mud & Circ		Circulate Bottoms up for Samples																
1.00	2: Drilling		Slide w/ Bit #47 From 16100' to 16110' (10"/hr) w/ 10 WOB, 0 Surf RPM, 192 Motor RPM.																
0.50	5: Cond. Mud & Circ		Circulate Bottoms up for Samples																
1.00	2: Drilling		Slide w/ Bit #47 From 16110' to 16125' (15"/hr) w/ 10 WOB, 0 Surf RPM, 192 Motor RPM.																
0.50	2: Drilling		Rotate w/ Bit #47 From 16125' to 16135' (20"/hr) w/ 25 WOB, 40 Surf RPM, 192 Motor RPM.																
1.00	5 Cond. Mud & Circ		Circulate Fluid Caliper.																
0.25	27 Other		Safety Meeting/Crew Handover.																
0.75	5: Cond. Mud & Circ		Continue Circulating Fluid Caliper around and Shakers Clean.																
4.50	27: Other		Attempt to TOOH, Pulled Tight, Attempt to Pump out of the hole and Hole packed off and Started losing Returns, While torquing up and stalling out. Decision made to Build LCM Pill. Wait on Diesel trucks to Pump down the Back side. Lost Approx 300 bbls.																
0.50	5 Cond. Mud & Circ		Fill Tank 1 with Diesel and Pump 14 bbls down the back side.																
4.00	5 Cond. Mud & Circ		Work Stuck Pipe, Pump 62 bbl LCM Pill followed by 127 bbls of Diesel into the pipe. Work Pipe up to 480k down to 200k. Pipe will Rotate.																
2.00	4: Lost Circulation		Continue Working Pipe Free.																
24.00																			
No Accidents, Spills or Inspections to report																			
QTY	BHA ITEM				LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD					
1	8.5" Uterra U713M Bit				1.00	1 MRLU/RDMO		0.00	81.00										
1	7 1/4" Leam 7/8 8.5 FBH 1.75 True Slick				36.40	2 Drilling		9.50	485.25	Depth	Dev.	Azi	TVD	VS	DLS				
1	Float Sub Double Bored				3.08	3 Washing/Reaming		0.00	243.50	12,170	1.53	98	12,165	-111.08	0.22				
1	6 3/4" UBHO NM				3.95	4 Lost Circulation		2.00	13.75	12,264	1.42	101	12,259	-112.99	0.14				
1	6 3/4" NMDC				30.19	5 Cond. Mud & Circ		7.75	157.50	12,359	1.35	95	12,354	-114.77	0.16				
1	6 3/4" NMDC				30.40	6 Tripping		0.00	730.00	12,453	1.39	91	12,448	-116.39	0.12				
17	6.5" Drill Collars				515.38	7 Lubricate Rig		0.00	22.50	12,548	1.44	89	12,543	-117.99	0.06				
24	5" HWDP				726.16	8 Rig Repair		0.00	53.00	12,642	1.63	83	12,637	-119.57	0.28				
						9 Cut Drig Line		0.00	21.75	12,737	1.87	82	12,732	-121.26	0.25				
						10 Deviation Survey		0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27				
						11 Wireline Logging		0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07				
						12 Run Casing		0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17				
						13 Cement Casing		0.00	48.25	13,115	2.60	82	13,110	-130.00	0.34				
						14 Wait On Cement		0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55				
						15 NU BOP's		0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40				
						16 Test BOP's		0.00	36.25	13,410	4.17	84	13,404	-140.14	0.66				
						17 Plug Back		0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81				
						18 Squeeze Cmt		0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04				
						19 Fishing		0.00	54.50	13,694	2.60	91	13,688	-149.92	0.14				
						20 Directional Work		0.00	44.25	13,783	3.12	81	13,777	-152.68	0.82				
						21 Weather		0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37				
						22 Well Control		0.00	200.50	13,972	3.17	88	13,965	-159.27	0.34				
						23 Waiting-Orders/Equip		0.00	19.00			Planned VS		feet @		azimuth			
						24 Drill Cmt / Shoe Test		0.00	7.75	DAY DRILLING FOREMAN				CELL PHONE NUMBER					
						25 Jet & Clean Pits		0.00	0.00	Steven Ridder									
						26 Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN				CELL PHONE NUMBER					
						27 Other		4.75	125.00	Chris Pratt									
						28 Other		0.00	16.50	AMEREDDEV PERSONNEL									
						29 Other		0.00	3.50	DRILLING SUPERINTENDENT				JT Willkerson					
						30 Other		0.00	0.00	DRILLING ENGINEER				John Zabaldano					
						31 Other		0.00	0.00	DAY CONTROL ROOM SUP				Ted Cheatwood					
						TOTALS		24.00	2713.00	NIGHT CONTROL ROOM SUP				Hesston Cheatwood					
Cost Input																			
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over						
8500	0.094	SUPERVISION / CONTRACT		Stephen Ritter/Chris Pratt				Rusco Operating LLC			1.0		Yes						
8500	0.094	SUPERVISION / CONTRACT		Ted Cheatwood/Hesston Cheatwood				Rusco Operating LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications US			1.0		Yes						
8500	0.024	SURFACE RENTALS		Forklift \$150/day				Boland Field Services LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason			1.0		Yes						
8500	0.01	DRILLING RIG		Citadel Rig #3 (OBM Pay)				Citadel Drilling			1.0		Yes						
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC			1.0		Yes						
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package				American Safety Services, In			1.0		Yes						
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands + OBM washgun \$25/day				KSW Oilfield Rental LLC			1.0		Yes						
8500	0.198	MUD LOGGING		Mud Logging Service				ckstone Analytics Mud Logg			1.0		Yes						
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes						
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD				Opla			1.0		Yes						
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check (OBM)				NOVA Mud			1.0		Yes						
8500	0.032	DIRECTIONAL DRILLING		Leam Motor Rental				Leam			1.0		Yes						
8500	0.032	DIRECTIONAL DRILLING		MWD Services				AIM			1.0		Yes						
8500	0.024	SURFACE RENTALS		500 BBL pre-mix tank (\$450/Day)				McAda Drilling Fluids Inc			1.0		Yes						
8500	0.056	MISC SUPPLIES & MATERIAL		Concave Mills				eatherford U.S. L.P.(FDC492			1.0		No						
8500												\$ -							
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Ameredev LLC																				Report # 124			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Mon, April 26, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		120										16,135		16,135		0		0		0	
Current Operation:				Tripping out of hole to pick up Overshot						Next 24 Hours:				Pick up Overshot trip in hole Retrieve fish									
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Surface	24			1,383	1,383											26							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Barnet				2,799	3,279	4,139	90		30		30												
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.			COST/FT. (OA)		LAST SHOE TVD.		FRAC GRADIENT MW		MAX. ALLOWABLE SICF						
5.0	6.500	299.2363156	471	134	1.10								13,235		13.2		1,170						
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE					
3.52	5.5			12	3.52	5.5			82		5.5				577	3,900							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
11.5	57.0	57.0	57.0	19.0	11.0	11.0	24.0	5.0	226522.0	0.0	1.0	18.6	6.8	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
				62000.00	0.00	60.60	18.30	3.35	4.53	547.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
46		8 1/2	Varel	HE37MRSV	1628046	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/0/1900 0:00	1/0/1900 0:00	0	0	0.00	0.00	0.00					BT	M	E	I	WT	See Off Production log							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
47		8 1/2	Utterra	U713M	54899	16	16	16	16	16	16	16	0	0	0	1.3744							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0	0.00	0.00			0															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND				9,893	TOTAL FUEL USED				170 295	Gel				DAILY SOLIDS				0	OWNER				
PICKUP WT.				340	AVG. DRAG				15	Poly Plus				TOTAL SOLIDS				0	DAILY BBLs		0		
ROTATING WT.				306	MAX. DRAG				18	Caustic				DAILY DISPOSAL COSTS				CUM BBLs				0	
SLACKOFF WT.				285	TQ. ON BTM				17,000	Bar				DAILY LIQUIDS				0					
BHA HOURS				12	TQ. OFF BTM				10,000	Pac-R				TOTAL LIQUIDS				0					
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
4.00	3: Washing/Reaming		Wash Down from 13799' to 14659'																				
9.25	27: Other		Dress top of fish approximately 1" to 14,660.2'. Total of 23lbs of metal caught at the shakers.																				
2.50	5: Cond. Mud & Circ		Circulate and pump 3 20bbl high vis LCM Sweeps to clean the hole.																				
3.00	5: Cond. Mud & Circ		Pump out of the hole @ 700 gpm to 13,235'																				
0.25	5: Cond. Mud & Circ		Finish circulating Bottoms up from 13,800' and Pump Slug.																				
0.50	6: Tripping		Remove Rotating Head/Install Trip Nipple.																				
4.50	6: Tripping		Trip out of the hole to 300'																				



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Ameredev LLC																	Report # 126						
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE										
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Wed, April 28, 2021										
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		122										16,135		16,135		0		0		0	
Current Operation				L/D HWOP from fish				Next 24 Hours				L/D fish, P/U clean out BHA, TH to shoe, Wash and ream to bottom. POOH: L/D BHA.											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Surface	24			1,383		1,383												26					
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635.000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22					
Intermediate	13.625" Q-125 88.2# BTC			0		7,150		12.375	12.219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5250.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8.525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/	/	12 1/4					
FORMATION				BGG		CG		TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Barnet				2,799		3,279		4,139	30		30		30										
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (QA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP								
5.0	6.500	299.2363156	471	134	1.08						13,235		13.2		1,300								
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE							
3.52	5.5			82	3.52	5.5		82					577			3,900							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
11.3	11.3	52.0	52.0	14.0	8.0		16.0	4.0	370935.0	0.0	1.0	17.3	8.2	0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM												
				46000.00	0.00	64.20	16.40		4.53	631.00	0.00												
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
46		8 1/2	Varel	HE37MRSV	1628046	20	20	20	0	0	0	0	0	0	0	0.9204							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
1/0/1900 0.00	1/0/1900 0.00	0	0	0.00	0.00	0		0	1	2	8T	M	E	I	WT	Ream of Pipe Displacement							
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
47		8 1/2	Ulterra	U713M	54899	16	16	16	16	16	16	0	0	0	0	1.3744							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
		0	0	0.00	0.00			0															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND				8,324				TOTAL FUEL USED				171,864											
PICKUP WT.				340				AVG. DRAG				15				Poly Plus							
ROTATING WT.				306				MAX. DRAG				18				Caustic							
SLACKOFF WT.				285				TQ. ON BTM				17,000				Bar							
BHA HOURS				12				TQ. OFF BTM				10,000				Pac-R							
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )															
2.50				11: Wireline Logging				TH with free point tools. Unable to trip in past 14,661' (Top of fish). Confirm pipe is 100% free above top of drilling jars @ 14,616'. Pull wireline out of hole and lay down tools and side entry sub.															
2.50				19: Fishing				Attempt to back off of fish. Set down to 240k Hookload, P/U to 260k and put 10k torque in string. Work string up to 320k. Overshot would not back off. Work string numerous times trying to back off. Worked down to															
4.25				19: Fishing				Work string up to 470k and down to 200k Hookload @ 80 ft/min. String jars started firing both ways with these parameters and pipe started working out of hole. Able to work pipe up 36.77'.															
0.25				11: Wireline Logging				Rig down wireline sheaves from derrick and release wireline equipment.															
1.00				19: Fishing				Work stuck pipe with 470k up and 200k down with jars hitting at 210k and 410k. Observe incremental movement upwards in stages from inches to feet. Length of fish 1473.8 ft, TOF 14661.8 ft. Pipe moving freely up hole with 405k.															
3.00				6: Tripping				Attempt to circulate down drill pipe not possible. Strip out with 8 1/8" OS, EXT, 6 3/8" basket grapple with pack off and fish from 16067 ft to inside casing through MPD bypassing chokes pumping pipe displacement to avoid swabbing with 11.2 ppg OBM in hole.															
0.50				22: Well Control				Flow check, observe well static while pulling RCD element and installing trip nipple.															
7.50				6: Tripping				Continue TOH on elevators and trip tank from shoe to O/S and fish. (Set in slips gently, pull out of slips gently).															
0.75				19: Fishing				Flow check and discuss ISA for handling the fish. Rack back 5 stands of Drill collars.															
0.50				19: Fishing				L/D Drilling jars and Overshot assembly on top joint of drill pipe of fish.															
1.25				19: Fishing				L/D 3 fts of drill pipe and HWDOP of fish.															



Ameredev LLC																				Report # 127			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Thu, April 29, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR					
		12/27/2020		123								16,135		16,135		0		0					
Current Operation:				Wash and ream down @ 16040'				Next 24 Hours:				h and ream down to 16132', Circ., Backream out to shoe, Circ. 6/U, POOH, L/D BHA, R/U and run open hole											
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength					
Surface		24		1,383		1,383																	
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		Halcem		410					
Intermediate		13.625" O-125 88.2# BTC		0		7,150		12.375		12.219		10.030		4,800		3,191		0.149 bbls/ft					
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8.525		6,870		5,740		1,086		1,122					
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS					
Barnet				2,799		3,279		4,139		30		30		30		30		30					
DP SIZE		DC SIZE		DP AV		DC AV		JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD.		FRAC GRADIENT MW					
5.0		6.500		299.2363156		471		248		3.67						13,235		13.2					
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM					
3.52		5.5		12		82		3.52		5.5		12		82		577							
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Min		FILTRATE		WPS		HTHP					
11.3		11.3		52.0		52.0		14.0		8.0		16.0		4.0		370935.0		0.0					
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME					
								46000.00		0.00		64.20		16.40		80-20		4.53					
PREV BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4					
47				8 1/2		Ulterra		U713M		54899		16		16		16		16					
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER					
1/0/1900 0:00		1/0/1900 0:00		0		0		0.00		0.00		0		0		0		1					
CUR. BIT #		Re-Run		SIZE		MFGR.		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4					
48				8 1/2		Tauxex		HF 37		1814981		18		18		18		0					
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER					
				0		0		0.00		0.00		0		0		0		1					
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
0				1,327																			
FUEL ON HAND				TOTAL FUEL USED								DAILY SOLIDS				OWNER							
6,997				173.191				Gel				ABO				0							
PICKUP WT.				AVG. DRAG				Poly Plus				Quick Thin				PolyPac UI							
340				15																			
ROTATING WT.				MAX. DRAG				Caustic				Soda Ash				Gelex							
306				18																			
SLACKOFF WT.				TQ. ON BTM				Bar				Lime				Tackle							
285				17,000																			
BHA HOURS				TQ. OFF BTM				Pac-R				Alum Ster				Cost							
12				10,000																			
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
HOURS		TIME CODE		No Accidents, Spills or Inspections to report																			
3.50		19: Fishing		L/D HWDP and 6 3/4" drill collars. L/D BHA (All fish components accounted for and out of hole). NMDC with MWD completely packed off with shale cuttings. Unable to pull MWD tool out of collar. Bit and Motor looked good.																			
1.50		6: Tripping		P/U Clean out BHA # 52 with 8 1/2" mill tooth bit, bit sub with float and 8 1/2" Smooth Bore RMR assembly.																			
5.00		6: Tripping		D/H F/ 539' T/ 13235'. Filling pipe every 50 stds run and monitoring displacement. Hole giving proper displacement.																			
0.75		22: Well Control		Install RCD element, observe well static.																			
0.75		9: Cut Drlg Line		Slip & cut drilling line.																			
8.00		3: Washing/Reaming		Wash and ream with 8 1/2" bit from 13410 ft to 15400 ft with 727 gpm, 4616 psi, 100 rpm 10k ft/lbs torque. Observe 20 ft flame on B/U gas with 11.3 ppg OBM.																			
3.25		3: Washing/Reaming		Continue wash down from 15400 ft to 15900 ft with 711 gpm, 4570 psi, 40 rpm & 9k ft/lbs torque, 11.3 ppg OBM.																			
1.25		3: Washing/Reaming		Wash and ream down with 8 1/2" bit from 15900 ft to 16040 ft with 711 gpm, 4568 psi, 100 rpm 10k-11k ft/lbs torque.																			



Ameredev LLC																	Report # 128												
Morning Drilling Report																													
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE																
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING			Fri, April 30, 2021																
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS							
		12/27/2020		124										16,135		16,135		0		0		0							
Current Operation				TIH to 3,445' with drill pipe from derrick						Next 24 Hours		POOH laying down drill pipe, Test BOP, R/U 4" Drill pipe, R/U and run wireline logs.																	
Type	Casing Specs			Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Int Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size	
Surface	24			1,383		1,383																						26	
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem		635.000		11		3		Halcem		410		14.80000		1.33000		0		635 / 410		22	
Intermediate	13.625" Q-125 88.2# BTC			0		7,150		12.375		12.219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2	
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681		8.525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000		/		12 1/4			
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI									
Barnet				2,799		3,279		4,139		30		30		30		30		30		30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP													
5.0	6.500	299.2363156	471	248		3.64						13,235		13.2		1,376													
GPS #1	LINER X STROKE			SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE							
3.52	5.5			12		3.52		5.5		82		82		5.0		13		577				3,900							
MW IN	MW OUT	VIS IN	VIS OUT	PV		YF		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT	
11.2	11.2	49.0	49.0	15.0		8.0		9.0		13.0		6.0		395334.0		0.0		1.0		18.0		6.3		0.0		0.0		0.0	
PH	PM	PF	MF	CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM											
				45000.00		0.00		66.00		16.00		80-20		3.11		674.00		0.00											
PREV BIT #	Re-Run	SIZE	MPGR	TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
47		8 1/2	Ultrara	U713M		54899		16		16		16		16		16		16		16		16		0		0		1,3744	
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
1/0/1900 0.00	1/0/1900 0.00	0	0	0.00		0.00		0		0		0		1		1		1		6		X		1		WT		Left In Hole	
CUR. BIT #	Re-Run	SIZE	MPGR	TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA	
48	R	8 1/2	Taurex	HF 37		1814981		18		18		18		0		0		0		0		0		0		0		0.7455	
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON	
		7,213	0	0.00		0.00						0																	
FUEL DELIVERED				7,213		FUEL USED TODAY		2,869		MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL					FRESH WATER									
FUEL ON HAND				11,341		TOTAL FUEL USED		176,060		Gel				Mica		ABO		DAILY SOLIDS					0		OWNER				
PICKUP WT.				340		AVG. DRAG		15		Poly Plus				Quick Thin		PolyPac UI		TOTAL SOLIDS					0		DAILY BBLs		0		
ROTATING WT.				306		MAX. DRAG		18		Caustic				Soda Ash		Gelex		DAILY DISPOSAL COSTS							CUM BBLs		0		
SLACKOFF WT.				285		TQ. ON BTM		0		Bar				Lime		Tackle		DAILY LIQUIDS					0						
BHA HOURS				12		TQ OFF BTM		10,000		Pac-R				Alum Ster		Cost		TOTAL LIQUIDS					0						
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																									
1.50		3: Washing/Reaming		Wash and ream down with 8 1/2" bit from 16040 ft to 16135 ft with 711 GPM, 4560 psi, 100 rpm, 10k-11k ft/lbs torque.																									
0.50		5: Cond. Mud & Circ		Circulate while reciprocating pipe with 711 GPM, 4500 psi, 100 rpm, 10k-11k ft/lbs torque.																									
5.50		3: Washing/Reaming		Backream out of hole from 16135 ft to 13235 ft with 550 GPM																									
1.00		5: Cond. Mud & Circ		Circulate bottoms up at casing shoe. Minimal cuttings across shakers on bottoms up																									
0.25		6: Tripping		POOH from 13235 ft to 12874 ft laying down drill pipe and monitoring displacement on trip tank. Hole taking proper fill.																									
0.75		8: Rig Repair		Backream out of hole from 16135 ft to 13235 ft with 550 GPM																									
7.25		6: Tripping		Continue POOH with 8 1/2" bit and Smooth bore RMR assembly from 12874 ft to 6307 ft laying down drill pipe and monitoring displacement on trip tank. Hole taking proper fill with 11.1 ppg OBM.																									
0.50		22: Well Control		Flow check, observe well static. Service rig.																									
5.50		8: Tripping		POOH from 6307 ft to 634' laying down drill pipe and monitoring displacement on trip tank. Hole taking proper fill with 11.1 ppg OBM. Incimate weather slowed trip speed.																									
1.25		6: Tripping		TIH with 5" drill pipe from derrick to lay down from 634' T/ 3445' to lay down																									



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Ameredev LLC																				Report # 132																			
Morning Drilling Report																																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Tue, May 4, 2021																									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																			
		12/27/2020		128								16,135		16,135		0		0		0																			
Current Operation:				P/U 4" Drill pipe and rack back in derrick						Next 24 Hours:				P/U 4" DP, HWDP, and Drill collars. R/U and run 7" casing.																									
Type	Casing Specs			Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size											
Surface	24			1,383		1,383																						26											
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem		635,000		11		3		HalCem		410		14.80000		1.33000		0		635 / 410		22											
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375		12,219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2											
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681		8,525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000				/		12 1/4											
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																			
Barnet				2,799		3,279		4,139		30				30				30																					
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD.				FRAC GRADIENT MW				MAX. ALLOWABLE SICF															
5.0	6.500	299.2363156	471	248		3.64										13,235				13.2				1,376															
GPS #1	LINER X STROKE			SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																	
3.52	5.5			12		82		3.52		5.5		12		82		577						3,900																	
MW IN	MW OUT	VIS IN	VIS OUT	PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT											
11.2	11.2	58.0	58.0	15.0		9.0		8.0		12.0		6.0		402993.0		0.0		1.0		18.0		6.3		0.0		0.0		0.0											
PH	PM	PF	MF	CHLORIDES		CALCIUM		OIL		WATER		O-W		LIME		ES		LCM																					
				46000.00		0.00		66.00		16.00		80-20		3.24		637.00		0.00																					
PREV BIT #	Re-Run	SIZE	MFGR	TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
47		8 1/2	Ultara	U713M		54899		16		16		16		16		16		16		16		0		0		0		1.3744											
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
1/0/1900 0:00	1/0/1900 0:00	0	0	0.00		0.00		0				0		1		1		WT		A		X		I		WT		Casing Point											
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
48	R	8 1/2	Taurex	HF 37		1814981		18		18		18		0		0		0		0		0		0		0		0.7455											
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
		0	0	0.00		0.00						0		1		1		WT		A		1		I		WT		Casing Point											
FUEL DELIVERED				FUEL USED TODAY				603				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																			
FUEL ON HAND				TOTAL FUEL USED				177.991								DAILY SOLIDS				OWNER																			
PICKUP WT.				0				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0							
ROTATING WT.				0				Caustic				Soda Ash				Galex				DAILY DISPOSAL COSTS				CUM BBLs				0											
SLACKOFF WT.				0				TQ. ON BTM				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				0				TQ. OFF BTM				0				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0							
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																			
24.00		6: Tripping		Drift 4" Platinum 14# 5-135 drill pipe XT-39 connections, M/U and rack back in derrick, use safety clamp on each joint.																																			



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Ameredev LLC																		Report # 134									
Morning Drilling Report																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, May 6, 2021													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS							
		12/27/2020		130								16,135		16,135		0		0		0							
Current Operation				Washing 7" Casing down @ 14,529'				Next 24 Hours				Wash 7" casing to bottom, Circ, R/D casing crew, R/U and pump 2 stage cement job.															
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size									
Surface	24			1,383		1,383												26									
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22									
Intermediate	13.625" Q-125 88.2# BTC			0		7,150		12.375	12,219	10,030	4,800	3,191		0.349 bbls/ft	1,051.00000	3118.9/3350.35	/	17 1/2									
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8,525	6,870	5,740	1,085	1.122	0.073 bbls/ft	963.00000		/	12 1/4									
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI															
Barnet				2,799	3,279	4,139	30		30		30																
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA		COST/FT. 24 HRS		COST/FT. [QA]		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP											
5.0	6.500	299.2363156	471	248		3.67						13,235		13.2		1,309											
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE													
3.52	5.5		12	82	3.52		5.5	12	82		16	577		3,900													
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT											
11.3	11.3	58.0	58.0	15.0	9.0	8.0	11.0	6.0	410604.0	0.0	2.0	18.0	5.4	0.0	0.0	0.0											
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM																
				47000.00	0.00	66.00	16.00	80-20	3.11	614.00	0.00																
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA											
47		8 1/2	Utterra	U713M	54899	16	16	16	16	16	16	16	0	0	0	1,3744											
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON											
1/0/1900 0:00	1/0/1900 0:00	0	0	0.00	0.00	0	0	0	1	1	WT	A	X	I	WT	Casing Point											
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA											
48		8 1/2	Taurix	HF 37	1814981	18	18	18	0	0	0	0	0	0	0	0.7455											
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON											
		0	0	0.00	0.00	0	0	0	1	1	WT	A	1	I	WT	Casing Point											
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER											
FUEL ON HAND				8,807				TOTAL FUEL USED				178,594				DAILY SOLIDS				OWNER							
PICKUP WT.				0				AVG. DRAG				Poly Plus				TOTAL SOLIDS				DAILY BBL'S							
ROTATING WT.				0				MAX. DRAG				0				Caustic				DAILY DISPOSAL COSTS				CUM BBL'S			
SLACKOFF WT.				0				TD, ON BTM				0				Bar				DAILY LIQUIDS							
BHA HOURS				0				TQ OFF BTM				0				Pac-R				TOTAL LIQUIDS				0			
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
15.75		12: Run Casing		Run 7" casing with Quail casing crew and REL thread inspection from 3800' to 13223', (9 5/8" shoe), filling on the fly and circulating casing every 40 its. Monitoring displacement in pits. Well giving proper displacement.																							
1.00		9: Out Drig Line		Flow check observe well static. Slip & out drilling line. Close annular and circulate 330 gpm with returns through rig open chokes to poor boy degasser back to shakers.																							
1.75		5: Cond. Mud & Circ		Observe flare after 2300 strokes, (8/U at shoe 3593 strokes), progressively increasing to 30 ft flare, decrease circulation rate to 150 gpm and close choke to maintain 250 psi back pressure, max gas 30%. Continue circulating until flare out.																							
0.25		22: Well Control		Shut in well and observe 118 psi SICP, with poorboy still discharging to shakers with 17% gas. Mud weight 11.3 ppg in 8 out.																							
0.50		5: Cond. Mud & Circ		Start circulating 229 gpm with 1019 psi, observe intermittent flare with 8% gas.																							
0.25		22: Well Control		Shut in well and observe 45 psi SICP, slowly increasing trend.																							
0.75		22: Well Control		With annular closed, remove casing slips, remove trip nipple, install RCD element. Observe SICP increase to 210 psi SICP.																							
2.00		12: Run Casing		Strip in hole with 7" casing from 9 5/8" shoe to 14,200 ft with MPD chokes open, observe intermittent flare. Centralizers passing through element without issue. Filling pipe on the fly.																							
1.75		12: Run Casing		Wash down with 7" casing from 14,200' to 14,529' with 100 GPM, 250 psi. Observe intermittent flare (1'-4'). No issues getting casing washed down.																							



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Ameredev LLC																				Report # 136									
Morning Drilling Report																													
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE															
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Sat, May 8, 2021															
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS							
		12/27/2020		132										16,135		16,135		0		0		0							
Current Operation:				N/D BOP				Next 24 Hou				stack, install slips, install packoff and test, N/U BOP, Pressure test, install BCD, install wear bushing, P/U Dr																	
Type	Casing Specs			Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size	
Surface	24			1,383		1,383																						26	
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem		635,000		11		3		HalCem		410		14.80000		1.33000		0		635 / 410		22	
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375		12,219		10,030		4,800		3,191				0.149 bbls/ft		1,051.00000		3118.9/5350.35		/		17 1/2	
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681		8,525		6,870		5,740		1,086		1,122		0.073 bbls/ft		963.00000				/		12 1/4	
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI									
Barnet				2,799		3,279		4,139		90				30				30											
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.				COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD.				FRAC GRADIENT MW				MAX. ALLOWABLE SICF				
5.0	6.500	299.2363156	471	248	3.67												13,235				13.2				1,300				
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE											
3.52	5.5			12	3.52	5.5			12	82					577			3,900											
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec			Gel - 10 Min			FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT									
11.3	11.3	49.0	49.0	14.0	9.0	8.0			16.0			4.0	386334.0	0.0	1.0	16.5	6.2	0.0	0.0	0.0									
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL			WATER			O-W	LIME	ES	LCM														
				45000.00	0.00	66.30			15.10			81.19	4.01	609.00	0.00														
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA													
47		8 1/2	Ultra	U713M	54899	16	16	16	16	16	16	16	16	0	0	1.3744													
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON													
1/0/1900 0:00	1/0/1900 0:00	0	0	0.00	0.00	0		0	1	1	WT	A	X	I	WT	Casing Point													
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA													
48		8 1/2	Taurex	HF 37	1814981	18	18	18	0	0	0	0	0	0	0	0.7455													
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON													
		0	0	0.00	0.00			0	1	1	WT	A	I	I	WT	Casing Point													
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL								FRESH WATER									
FUEL ON HAND				8,807				TOTAL FUEL USED				178.594				Gel				Mica				ABQ					
PICKUP WT.				0				AVG. DRAG				0				Poly Plus				Quick Thin				PolyPac UI					
ROTATING WT.				0				MAX. DRAG				0				Caustic				Soda Ash				Gelex					
SLACKOFF WT.				0				TQ. ON BTM				0				Bar				Lime				Tackle					
BHA HOURS				0				TQ. OFF BTM				0				Pac-R				Alum Ster				Cost					
HOURS				TIME CODE				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																					
18.50				5: Cond. Mud & Circ				Continue circulating fresh water through DV tool. Hold Pre-job meeting for cement operation with all involved.																					
3.50				13: Cement Casing				Cement as programed, 202 Bbls cement returned to surface and disposed.																					
1.00				13: Cement Casing				R/D Halliburton Cement equipment.																					
1.00				15: NU BOP's				N/D BOP with Battle and prepare to raise Stack.																					



Ameredev LLC															Report # 137				
Morning Drilling Report																			
WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE							
INDEPENDENCE AGI #1					0		30-025-48081		DRILLING			Sun, May 9, 2021							
DRLG CONTRACTOR		SPUD DATE	DAYS	Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS			
		12/27/2020	133									16,135	16,135	0	0	0			
Current Operation				TIH with Drill out BHA @ 1.635'				Next 24 Hours		Drill DV tool, TIH, Tag cement, drill out float equipment and cement, Drill 10' formation, perform RT, Drill 40'									
Type	Casing Specs		Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Int Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size				
Intermediate	9.625"		13,235	13,235											12 1/4				
Intermediate	20" N-80 133# BTC		0	3,412	NeoCem	635,000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22				
Intermediate	13.625" Q-125 88-2# BTC		0	7,150	12,375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5250.35	/	17 1/2				
Intermediate	9.625" L-80 47# BTC		0	13,235	8,681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4				
Production	7" HCP-110 32# VA Roughneck		0	16,129										/	8 1/2				
FORMATION			BGG	OG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI								
Barnet			2,799	3,279	4,139	30													
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.	COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
5.0	6.500	299,2363156	471	248	2.73					16,129		13.2		4,026					
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMP PRESSURE						
3.52	5.5		82	3.52	5.5		82					577	3,900						
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	MBT				
8.4	8.4	28.0	28.0							0.0		0.5		0.0	0.0				
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	D W	LIME	ES	LCM								
11.00				2500.00	0.00		99.50				0.00								
PREV BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10				
47		8 1/2	Ultara	U713M	54899	16	16	16	16	16	16	16	0	0	0				
START FT	END FT	DEPTH IN	DEPTH OUT	AVE WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER				
1/0/1900 0.00	1/0/1900 0.00	0	0	0.00	0.00	0	0	0	1	1	WT	A	X	I	WT				
CUR. BIT #	Re-Run	SIZE	MFGR.	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10				
48	R	8 1/2	Taurex	HF 37	1814981	18	18	18	0	0	0	0	0	0	0				
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVE WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER				
		0	0	0.00	0.00			0	1	1	WT	A	1	I	WT				
FUEL DELIVERED			0	FUEL USED TODAY			2,775 <th colspan="5">MUD ADDITIVES IN LAST 24 HOURS</th> <th colspan="3">SOIL FARMING / MUD DISPOSAL</th> <th colspan="2">FRESH WATER</th>	MUD ADDITIVES IN LAST 24 HOURS					SOIL FARMING / MUD DISPOSAL			FRESH WATER			
FUEL ON HAND			6,092	TOTAL FUEL USED			181,369	Gel		Mica	ABO	DAILY SOLIDS			0	OWNER			
PICKUP WT.			0	AVG. DRAG			0	Poly Plus		Quick Thin	PolyPac UI	TOTAL SOLIDS			0	DAILY BBLs			
ROTATING WT.			0	MAX. DRAG			0	Caustic		Soda Ash	Gelex	DAILY DISPOSAL COSTS				CUM BBLs			
SLACKOFF WT.			0	TQ. ON BTM			0	Bar		Lime	Tackle	DAILY LIQUIDS			0				
BHA HOURS			0	TQ OFF BTM			0	Pac-R		Alum Ster	Cost	TOTAL LIQUIDS			0				
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
1.00		15: NU BOP's																	
2.25		15: NU BOP's																	
2.75		15: NU BOP's																	
3.00		15: NU BOP's																	
4.00		15: NU BOP's																	
1.00		6: Tripping																	
0.50		16: Test BOP's																	
2.50		16 Test BOP's																	
0.50		16 Test BOP's																	
0.50		16: Test BOP's																	
1.25		15: NU BOP's																	
3.00		27 Other																	
0.50		7 Lubricate Rig																	
0.50		15: NU BOP's																	
0.50		6 Tripping																	
0.25		6: Tripping																	
No Accidents, Spills or Inspections to report																			
CITY	BHA ITEM		LENGTH	TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD							
1	8.5" Taurex Mill Tooth		1.00	1 MIRU/RDMQ		0.00	81.00												
1	Bit sub with float valve		3.87	2 Drilling		0.00	485.25	Depth	Dev.	Az.	TVD	VS	DLS						
3	6 3/4" DCs		92.44	3 Washing/Reaming		0.00	322.50	12,170	1.53	98	12,165	-111.08	0.22						
1	8 1/2" Smooth Bore RMR		9.63	4 Lost Circulation		0.00	13.75	12,264	1.42	101	12,259	-112.99	0.14						
3	6 3/4" DC		93.12	5 Cond. Mud & Circ		0.00	226.25	12,359	1.35	95	12,354	-114.77	0.16						
1	6 1/2" Weatherford Jars		32.51	6 Tripping		1.75	859.00	12,453	1.39	91	12,448	-116.39	0.12						
9	6 3/4" DCs		276.82	7 Lubricate Rig		0.50	26.00	12,548	1.44	89	12,543	-117.99	0.06						
1	5" HWDP		30.27	8 Rig Repair		0.00	54.50	12,642	1.63	83	12,637	-119.57	0.28						
				9 Cut Drig Line		0.00	26.00	12,737	1.87	82	12,732	-121.26	0.25						
				10 Deviation Survey		0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27						
				11 Wireline Logging		0.00	161.25	12,926	2.15	86	12,921	-125.40	0.07						
				12 Run Casing		0.00	133.25	13,020	2.28	84	13,015	-127.63	0.17						
				13 Cement Casing		0.00	57.25	13,115	2.60	82	13,110	-130.00	0.34						
				14 Wait On Cement		0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55						
				15 NU BOP's		14.75	122.50	13,315	3.54	84	13,309	-136.27	0.40						
				16 Test BOP's		4.00	44.25	13,410	4.17	84	13,404	-140.14	0.66						
				17 Plug Back		0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81						
				18 Squeeze Cmt		0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04						
				19 Fishing		0.00	73.75	13,694	2.60	91	13,688	-149.92	0.14						
				20 Directional Work		0.00	44.25	13,783	3.12	81	13,777	-152.68	0.82						
				21 Weather		0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37						
				22 Well Control		0.00	207.00	13,972	3.17	88	13,965	-159.27	0.34						
				23 Waiting-Orders/Equip		0.00	19.00		Planned VS		feet @		azimuth						
				24 Drill Cmt / Shoe Test		0.00	7.75		DAY DRILLING FOREMAN				CELL PHONE NUMBER						
				25 Jet & Clean Pits		0.00	0.00		Steven Ridder										
Joints	DP ITEM	Motor RPG	0	BHA	539.66	26 Regulatory		0.00	54.50	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER							
		OD	#/FT	GRADE	LENGTH	27 Other		3.00	206.50	Marcus Jenkins									
						28 Other		0.00	16.50	AMEREDDEV PERSONELL									
						29 Other		0.00	2.50	DRILLING SUPERINTENDENT		JT Wilkerson							
						30 Other		0.00	0.00	DRILLING ENGINEER		John Zabaldano							
						31 Other		0.00	0.00	DAY CONTROL ROOM SUP		Chris Huff							
						TOTALS		24.00	3265.00	NIGHT CONTROL ROOM SUP		Andy Slusarchuk							
Cost Input																			
Cost Type	Charge	Code		Description				Vendor		Unit Cost	Quantity	Cost	Carry Over						
8500	0.094	SUPERVISION / CONTRACT		Stephen Ritter / Marcus Jenkins				Rusco Operating LLC			1.0		Yes						
8500	0.094	SUPERVISION / CONTRACT		Chris Huff / Andy Slusarchuk				Rusco Operating LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Internet & Intercoms				wersat Communications US			1.0		Yes						
8500	0.024	SURFACE RENTALS		Forklift \$150/day				Boland Field Services LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc			1.0		Yes						
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason			1.0		Yes						
8500	0.01	DRILLING RIG		Citadel Rig #3 (OBM Pay)				Citadel Drilling			1.0		Yes						
8500	0.024	SURFACE RENTALS		1-4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC			1.0		Yes						
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package				American Safety Services, In			1.0		Yes						
8500	0.066	DS CONTROL EQUIP / SERV		Solid Control Equipment and Hands + OBM washgun \$25/day				KSW Oilfield Rental LLC			1.0		Yes						
8500	0.024	SURFACE RENTALS		Minion Tank				Think Tank			1.0		Yes						
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD DeMob				Opia			1.0		No						
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives & driveby mud check (OBM)				NOVA Mud			1.0		Yes						
8500	0.024	SURFACE RENTALS		500 BBL pre-mix tank (\$450/Day)				McAda Drilling Fluids Inc			1.0		Yes						
8500	0.03	DOWNHOLE RENTALS		Smooth bore Beamer				Stabil Drill			1.0		Yes						
8500	0.03	DOWNHOLE RENTALS		597 joints of 4" XT-39 drill pipe and related equipment \$1559.17 / day, start 05.02.21				Platinum Pipe Rentals LLC			1.0		Yes						
8500	0.074	DOWNHOLE RENTALS		12-4 7/8" DC XT-39 and 21 4" HWDP XT-39 and related equipment \$363 / day				Platinum Pipe Rentals LLC			1.0		Yes						
8500	0.074	NG / LINER / FLOAT EQUIPM		DV tool hand to run 7" casing job.				Halliburton Energy Services			1.0		No						
8500	0.048	LL CONTROL EQUIP / SERV		7" Casing slips / Packoff and test with technician				GE Oil & Gas			1.0		No						
8500		LL CONTROL EQUIP / SERV		Pruitt PRCD 500 unit is \$130 + \$80 for Orbit valve				Pruitt Tool & Supply Co. Inc			1.0		Yes						
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Ameredev LLC																		Report # 138																									
Morning Drilling Report																																											
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, May 10, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																							
		12/27/2020		134								16,160		16,160		25		33		1																							
Current Operation				Drilling 5 7/8" Hole section @ 16,160'				Next 24 Hours				Drill to 16,165', CTOH, POOH, L/D BHA, R/U and run CBL logs, R/O wireline, P/U 5 7/8" BHA, TH																															
Type		Casing Specs		Top TMD		Btm TMD		ID		Drift		Burst		Collapse		Yield		Jnt Strength		Capacity		Displace		DV Tool		SXS Cmt		Hole Size															
Intermediate		9.625"		13,235		13,235												410		14,00000		1,33000		0		635 / 410		22															
Intermediate		20" N-80 133# BTC		0		3,412		NeoCem		635,000		11		3		HalCem								0		635 / 410		22															
Intermediate		13.625" Q-125 88.2# BTC		0		7,150		12.375		12,219		10,030		4,800		3,191		0.349 bbls/ft		1,051.00000		3118.9/3350.35		/		17 1/2		17 1/2															
Intermediate		9.625" L-80 47# BTC		0		13,235		8.681		8,525		6,870		5,740		1,085		1,122		0.073 bbls/ft		963.00000		/		12 1/4		12 1/4															
Production		7" HCP-110 32# VA Roughneck		0		16,129																		/		8 1/2		8 1/2															
FORMATION				BGG		CG		TG		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI		#1 STKS		#1 CHK PSI																							
Barnet				2,799		3,279		4,139		30		30		30		30		30		30																							
DP SIZE		DC SIZE		OP AV		DC AV		JET VELOCITY		HHP/SQ.IN BIT DIA		COST/FT. 24 HRS		COST/FT. (QA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX ALLOWABLE SICP																							
5.0		6.500		1050.9/6328		-1293		175		2.02						16,129		13.5		4,277																							
GPS #1		LINER X STROKE		SPM #1		GPS #2		LINER X STROKE		SPM #2		GPS #3		LINER X STROKE		SPM #3		GPM		PUMPS		PUMP PRESSURE																					
3.52		5.5		12		58		3.52		5.5		12		58		58		408				3,457																					
MW IN		MW OUT		VIS IN		VIS OUT		PV		YP		Gel - 10 Sec		Gel - 10 Min		FILTRATE		WPS		HTHP		CAKE		SOLIDS		LGS		LIQUID		SAND		MBT											
8.4		8.4		28.0		28.0														0.0				0.3				0.0		0.0		0.0											
PH		PM		PF		MF		CHLORIDES		CALCIUM		OIL		WATER		O W		LIME		ES		LCM																					
12.00		5.50		5.50		1.15		2700.00		0.00				99.40		0.01				0.00																							
PREV BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
48				8 1/2		Taurux		HF 37		1814981		18		18		18		0		0		0		0		0		0		0		0.7455											
START FT		END FT		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
1/0/1900 0-00		1/0/1900 0-00		0		0		0.00		0.00						0		1		1		WT		A		1		I		WT		Casing Point											
CUR. BIT #		Re-Run		SIZE		MFGR		TYPE		SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7		JET #8		JET #9		JET #10		TFA											
49				5 7/8		Reed		SL530GKP		400656		18		18		18		0		0		0		0		0		0		0		0.7455											
START FT		LAST CHECK		DEPTH IN		DEPTH OUT		AVG WOB		AVG RPM		HOURS		FT/HR		ROT HRS		INNER		OUTER		DULL		LOC.		BEARING		GAUGE		OTHER		REASON											
				0		0		0.00		0.00						0																											
FUEL DELIVERED				FUEL USED TODAY				1.086				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																							
FUEL ON HAND				4,946				TOTAL FUEL USED				182,455				Gel				Mica				ABO				DAILY SOLIDS				0				OWNER							
PICKUP WT.				223				AVG. DRAG				0				Poly Plus				Quick Thin				PolyPac Uli				TOTAL SOLIDS				0				DAILY BBL'S				0			
ROTATING WT.				202				MAX. DRAG				0				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBL'S				0							
SLACKOFF WT.				197				TO, ON BTM				7,250				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				0				TQ OFF BTM				6,500				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																							
3.50		6: Tripping		TIH f/ 1,635' t/ 10,015' on elevators with no issues. Monitor hole displacement on pits. Hole giving proper displacement. Filling pipe every 30 stands																																							
0.50		7: Lubricate Rig		Service and lubricate rig and top drive.																																							
0.50		8: Rig Repair		Inspect seal on washpipe and verify good.																																							
1.75		6: Tripping		TIH f/ 10,015' t/ 13,307' on elevators with no issues. Monitor hole displacement on pits. Hole giving proper displacement. Tagged top of DV tool @ 13,307'.																																							
3.00		27: Other		Attempt to pressure test casing with kill line and pipe rams. Pressure bleeding off. Pump through stand pipe and Pressure test 7" production casing closing annular at 1500psi and hold for 30 minutes (Good Test).																																							
0.75		24: Drill Cmt / Shoe Test		Set down 30K on DV tool. Drill DV tool out with 300 GPM, 1931 psi, 1931 RPM, 15 WOB.																																							
0.50		6: Tripping		TIH with 5 7/8" bit clean out assembly from 13,510 ft to 14,900 ft. Rig change out 2" valve on stand-pipe while TIH.																																							
1.00		24: Drill Cmt / Shoe Test		Wash down with from 14,900 ft to tag cement at 15,291 ft with 300 gpm and 1885 psi pumping fresh water.																																							
5.75		24: Drill Cmt / Shoe Test		Drilling hard cement with 10k WOB from 15,291 ft with 350 gpm, 400 gpm, 450 gpm & 300 gpm and 40 rpm with 6670 ft/lbs torque to tag baffle @ 15,777 ft. Best ROP with 407 gpm and 3378 psi.																																							
0.25		24: Drill Cmt / Shoe Test		Drill out baffle with 12k wob, 400 gpm, 3330 psi, 40 rpm & 7080 ft/lbs torque.																																							
0.25		24: Drill Cmt / Shoe Test		Continue drill out hard cement from 15,779 ft to tag FC @ 15,818 ft.																																							
0.25		24: Drill Cmt / Shoe Test		Set down 30K on DV tool. Drill F/C out with rotation several times, then drill out with 400 GPM, 3345 psi, 40 RPM, 15 WOB.																																							
3.00		24: Drill Cmt / Shoe Test		Drilling hard cement with 10k WOB from 15,821 ft with 400 gpm, and 40 rpm, 7070 ft/lbs torque to tag shoe @ 16,129 ft.																																							
0.50		24: Drill Cmt / Shoe Test		Drill out shoe with 12k WOB, then clean out 8 1/2" rat-hole down to 16,135 ft with 407 gpm, 3390 psi, 40 rpm, 7080 ft/lbs torque.																																							
0.25		2: Drilling		Rotate w/ Bit #49 from 16135' to 16145' (40ft/hr) w/ 10 WOB, 40 Surf RPM, Motor RPM. Drill 5 7/8" new hole with 3400 psi and 7080 ft/lbs torque.																																							
0.50		5: Cond. Mud & Circ		Perform FIT to 100 psi and hold for 30 minutes (Good Test).																																							
0.50		27: Other		Install rotating head.																																							
0.75		27: Other		After performing FIT test attempted to P/U and string hanging up. Bring pumps on and pressured up. Work string up and down holding 800 psi and able to work free. Circulate for 15 minutes while reciprocating pipe (no issues). Make connection and continue drilling new formation.																																							
0.50		2: Drilling		Rotate w/ Bit #49 from 16145' to 16160' (30ft/hr) w/ 15 WOB, 90 Surf RPM, 0 Motor RPM.																																							
24.00																																											
QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Ft MD/TVD		Lndg Ft MD/TVD																											
1		Insert bit		1.00		1. MUD/RODMO		0.00		81.00																																	
1		Bit sub with float		2.79		2. Drilling		0.75		486.00		Depth		Dev.		Azi.		TVD		VS.		DLS																					
3		4 7/8" DCs XT-39		92.97		3. Washing/Reaming		0.00		322.50		12,170		1.53		98		12,165		-111.08		0.22																					
21		7 Stands 4" HWDP XT-39		643.81		4. Lost Circulation		0.00		13.75		12,264		1.42		101		12,259		-112.99		0.14																					
						5. Cond. Mud & Circ		0.50		226.75		12,359		1.35		95		12,354		-114.77		0.16																					
						6. Tripping		5.75		864.75		12,453		1.39		91		12,448		-116.39		0.12																					
						7. Lubricate Rig		0.50		26.50		12,548		1.44		89		12,543		-117.99		0.06																					
						8. Rig Repair		0.50		55.00		12,642		1.63		83		12,637		-119.57		0.28																					
						9. Cut Drilg Line		0.00		26.00		12,737		1.87		82		12,732		-121.26		0.25																					
						10. Deviation Survey		0.00		0.50		12,831		2.11		85		12,826		-123.20		0.27																					
						11. Wireline Logging		0.00		161.25		12,926		2.15		86		12,921		-125.40		0.07																					
						12. Run Casing		0.00		133.25		13,020		2.28		84		13,015		-127.63		0.17																					
						13. Cement Casing		0.00		57.25		13,115		2.60		82		13,110		-130.00		0.34																					
						14. Wait On Cement		0.00		20.00		13,238		3.28		81		13,233		-133.59		0.55																					
						15. NU BOP's		0.00		122.50		13,315		3.54		84		13,309		-136.27		0.40																					
						16. Test BOP's		0.00		44.25		13,410		4.17		84		13,404		-140.14		0.66																					
						17. Plug Back		0.00		0.00		13,504		2.55		94		13,498		-143.74		1.81																					
						18. Squeeze Cmt		0.00		0.00		13,599		2.58		94		13,593		-146.85		0.04																					
						19. Fishing		0.00		73.75		13,694		2.60		91		13,688		-149.32		0.14																					
						20. Directional Work		0.00		44.25		13,783		3.12		81		13,777		-152.68		0.82																					
						21. Weather		0.00		0.00		13,878		3.41		84		13,872		-155.85		0.37																					
						22. Well Control		0.00		207.00		13,972		3.17		88		13,965		-159.27		0.34																					
						23. Waiting-Orders/Equip		0.00		15.00		Planned VS		feet @		azimuth																											
						24. Drill Cmt / Shoe Test		11.75		19.50		DAY DRILLING FOREMAN		CELL PHONE NUMBER																													
						25. Jet & Clean Pins		0.00		0.00		Steven Ridder																															
Joints		DP ITEM		QD		#/FT		GRADE		LENGTH		26. Regulatory		0.00		54.50		NIGHT DRILLING FOREMAN		CELL PHONE NUMBER																							
												27. Other		4.25		210.75		Marcus Jenkins																									
												28. Other		0.00		16.50		AMEREDDEV PERSONELL																									
												29. Other		0.00		2.50		DRILLING SUPERINTENDENT		JT Wilkerson																							
												30. Other		0.00		0.00		DRILLING ENGINEER		John Zabaldano																							
												31. Other		0.00		0.00		DAY CONTROL ROOM SUP		Chris Huff																							
												TOTALS		24.00		3289.00		NIGHT CONTROL ROOM SUP		Andy Susarchuk																							
Cost Input																																											
Cost Type	Charge	Code		Description				Vendor				Unit Cost	Quantity	Cost	Carry Over																												
8500	0.094	SUPERVISION / CONTRACT		Stephen Ritter / Marcus Jenkins				Rusco Operating LLC					1.0		Yes																												
8500	0.094	SUPERVISION / CONTRACT		Chris Huff / Andy Slusarchuk				Rusco Operating LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants				Hoppe's Construction LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Internet & Intercoms				versat Communications US					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Forklift \$150/day				Boland Field Services LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks				Blueprint Oilfield Services					1.0		Yes																												
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters				Divine Energy Services Inc					1.0		Yes																												
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks				Divine Energy Services Inc					1.0		Yes																												
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection				Pason					1.0		Yes																												
8500	0.01	DRILLING RIG		Citadel Rig #3 (OBM Pay)				Citadel Drilling					1.0		Yes																												
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank				Johnso Specialty Tools LLC					1.0		Yes																												
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter				Iron Horse Tools LLC					1.0		Yes																												
8500	0.124	TY AND EMERGENCY RESPON		H2s Compliance Package				merican Safety Services, In					1.0		Yes																												
8500	0.066	IDS CONTROL EQUIP / SERV		Solid Control Equipment and Hands + OBM washgun \$25/day																																							



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Ameredev LLC																	Report # 141						
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Thu, May 13, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perct of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		137										16,488		16,316		130		19		7	
Current Operation:				Drilling 5 7/8" Section				Next 24 Hours:				Drill 5 7/8" Section											
Type	Casing Specs			Top TMD		Btm TMD		ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Intermediate	9.625"			13,235		13,235												12 1/4					
Intermediate	20" N-80 133# BTC			0		3,412		NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0		7,150		12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0		13,235		8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/	/	12 1/4					
Production	7" VA-HC-P110 32# Varoughneck SC			16,129		16,129		6.094	6,000	11,440	13,000	140,000	125,000	0.03600	0.04780	13,528		8 1/2					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Devonian				70	0	0	90	30	30	30	30	30											
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.				COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF		
4.0	4.875	195.561418	337	86	0.18												16,129		13.5		4.277		
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS	PUMP PRESSURE						
3.52	5.5			12	3.52	5.5			12						148		765						
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
8.4	8.4	28.0	28.0							0.0		0.5		0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
12.00	1.90	0.90	2.10	2300.00	1220.00		99.50		0.00		0.00												
PREV BIT #	Re-Run	SIZE	MFR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
50	0	5 7/8	Varel	EVO5 611	4012185	12	12	12	12	12	12	0	0	0	0	0.6627							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/11/2021 19:30	5/12/2021 11:30	16185	16443	14.50	60.00	16	16.1	16	8	7	RO	S	X	I	BT	See QP Production log							
CUR. BIT #	Re-Run	SIZE	MFR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
51	0	5 7/8	Baker	KMX323T	5283533	14	14	18	0	0	0	0	0	0	0	0.5492							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/13/2021 4:00	5/13/2021 6:00	16443	16488	17.50	60.00	2	2.8	16															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND	5,549			TOTAL FUEL USED		185.572	Gel		Mica		ABQ	DAILY SOLIDS		0	OWNER								
PICKUP WT.	223		AVG. DRAG	20,000	Poly Plus			Quick Thin		PolyPac UI	TOTAL SOLIDS		0	DAILY BBLs									
ROTATING WT.	202		MAX. DRAG	21,000	Caustic			Soda Ash		Gelox	DAILY DISPOSAL COSTS			CUM BBLs									
SLACKOFF WT.	197		TQ. ON BTM	7,250	Bar			Lime		Tackle	DAILY LIQUIDS		0										
BHA HOURS	2		TQ. OFF BTM	6,900	Pac-R			Alum Ster		Cost	TOTAL LIQUIDS		0										
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
5.00	2:	Drilling		Rotate w/ Bit #50 From 16358' to 16443' (17'ft/hr) w/ 14.5 WOB, 60 Surf RPM, 0 Motor RPM.																			
0.75	3:	Washing/Reaming		Back ream from 16,433' to 16,135' and Pump the Slug.																			
0.50	6:	Tripping		Remove Rotating head and install Trip Nipple.																			
6.25	6:	Tripping		Trip out of the hole to Surface																			
7.50	6:	Tripping		C/O Bit, MWD, Trip in Hole to 16165'																			
2.00	20:	Directional Work		Re-log Gamma from 16165' to 16443'																			
2.00	2:	Drilling		Rotate w/ Bit #51 From 16443' to 16488' (23'ft/hr) w/ 17.5 WOB, 60 Surf RPM, Motor RPM. 170 GPMS																			
				</																			



Ameredev LLC																		Report # 142					
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Fri, May 14, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		F/HR		ROT HRS	
		12/27/2020		138										16,743		16,743		255		31		8	
Current Operation:				Tripping in the Hole to Drill 5 7/8" Section						Next 24 Hours:				Drill 5 7/8" Section									
Type	Casing Specs			Top TMD	Botm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Intermediate	9.625"			13,235	13,235											12 1/4							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/	12 1/4								
Production	7" VA-HC-P110 32# Varoughneck SC			16,129	16,129	6.094	6,000	11,440	13,000	140,000	125,000	0.03600	0.04780	13,528		8 1/2							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Devonian				70	0	0	90	30	30	30	30	30											
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF					
4.0	4.875	195.561418	337	86	0.18									16,129		13.5		4.277					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS		PUMP PRESSURE					
3.52	5.5			12	42	5.5			12						148	765							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
8.4	8.4	28.0	28.0						0.0	0.0		0.5		0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
12.00	1.90	0.90	2.10	2300.00	1220.00		99.50		0.00		0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
50	0	5 7/8	Varel	EVO5 611	4012185	12	12	12	12	12	12	0	0	0	0	0.6627							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/11/2021 19:00	5/12/2021 11:00	16185	16443	14.50	60.00	16	16.1	16	8	7	0	5	X	I	BT	Rate Of Penetration Issue							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
51	0	5 7/8	Baker	KMX323T	5283533	14	14	18	0	0	0	0	0	0	0	0.5492							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/13/2021 4:00	5/13/2021 14:35	16443	16743	18.50	60.00	10.75	18.8	16	8	7	0	5	X	I	BT	Rate Of Penetration Issue							
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
FUEL ON HAND				TOTAL FUEL USED				Gel				Mica				ABQ							
				4,584				186,537				Poly Plus				PolyPac UI							
PICKUP WT.				223				AVG. DRAG				20,000				Quick Thin							
ROTATING WT.				202				MAX. DRAG				21,000				Soda Ash							
SLACKOFF WT.				197				TQ. ON BTM				7,250				Lime							
BHA HOURS				10				TQ. OFF BTM				6,900				Alum Ster							
								Pac-R								Cost							
																TOTAL LIQUIDS							
																0							
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
HOURS		TIME CODE																					
5.00		2: Drilling		Rotate w/ Bit #51 From 16489' to 16638' (30"/hr) w/ 17 WOB, 60 Surf RPM, Motor RPM.																			
0.50		7: Lubricate Rig		Rig Service																			
3.25		2: Drilling		Rotate w/ Bit #51 From 16638' to 16743' (32"/hr) w/ 21 WOB, 60 Surf RPM, Motor RPM.																			
0.50		3: Washing/Reaming		Wash and ream from 16734' to 16742' Experiencing high torque and pressure spikes																			
0.25		3: Washing/Reaming		Back ream from 16742' to 16487'																			
1.25		5: Cond. Mud & Circ		Circular bottoms up																			
0.50		3: Washing/Reaming		Wash and ream from 16487' to 16738'																			
1.75		3: Washing/Reaming		Back ream from 16738' to 16289', pump out of hole from 16289' to 15950' work pipe trying to clear flow restriction																			
0.50		22: Well Control		Pull Rotating Head & Install Trip Nipple.																			
7.25		6: Tripping		Trip out of the hole from 15,950' to 729'.																			
0.25		5: Cond. Mud & Circ		Circulate @ 729' @ 300 gpm.																			
0.50		6: Tripping		Trip out to the Bit.																			
0.50		6: Tripping		Change out the Bit and Inspect Float.																			
2.00		6: Tripping		Trip in the Hole to 3,600'.																			
24.00				No Accidents, Spills or Inspections to report																			
QTY	BHA ITEM			LENGTH		TIME DISTRIBUTION		DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD									
#N/A	#N/A			#N/A		1: MRLU/RDMO		0.00	81.00														
#N/A	#N/A			#N/A		2: Drilling		8.25	512.75	Depth	Dev	Azi.	TVD	VS	DLS								
#N/A	#N/A			#N/A		3: Washing/Reaming		3.00	326.25	14,490	4.04	285	14,482	-137.50	1.62								
#N/A	#N/A			#N/A		4: Lost Circulation		0.00	13.75	14,585	3.16	296	14,577	134.41	1.16								
#N/A	#N/A			#N/A		5: Cond. Mud & Circ		1.50	231.00	14,680	2.64	307	14,672	133.39	0.79								
#N/A	#N/A			#N/A		6: Tripping		10.25	906.00	14,774	1.98	316	14,766	133.23	0.81								
#N/A	#N/A			#N/A		7: Lubricate Rig		0.50	27.00	14,869	1.10	305	14,861	133.19	0.98								
#N/A	#N/A			#N/A		8: Rig Repair		0.00	55.00	14,964	0.97	223	14,956	132.25	1.43								
#N/A	#N/A			#N/A		9: Cut Drlg Line		0.00	27.00	15,058	4.31	194	15,050	128.37	3.72								
#N/A	#N/A			#N/A		10: Deviation Survey		0.00	0.50	15,153	4.97	198	15,145	-126.37	0.80								
#N/A	#N/A			#N/A		11: Wireline Logging		0.00	175.00	14,248	4.88	202	14,243	193.06	-0.03								
#N/A	#N/A			#N/A		12: Run Casing		0.00	133.25	15,375	3.91	185	15,367	-137.29	0.14								
#N/A	#N/A			#N/A		13: Cement Casing		0.00	57.25	15,474	4.00	186	15,465	-141.82	0.10								
#N/A	#N/A			#N/A		14: Wait On Cement		0.00	20.00	15,568	3.60	171	15,559	-146.42	1.10								
#N/A	#N/A			#N/A		15: NU BOP's		0.00	122.50	15,662	3.60	161	15,653	-151.56	0.67								
#N/A	#N/A			#N/A		16: Test BOP's		0.00	44.25	15,746	3.74	154	15,737	-156.58	0.57								
#N/A	#N/A			#N/A		17: Plug Back		0.00	0.00	15,840	4.00	131	15,831	-162.78	1.64								
#N/A	#N/A			#N/A		18: Squeeze Cmt		0.00	0.00	15,934	5.32	115	15,924	-170.09	1.97								
#N/A	#N/A			#N/A		19: Fishing		0.00	73.75	16,028	5.93	111	16,018	-178.49	0.79								
#N/A	#N/A			#N/A		20: Directional Work		0.00	48.25	16,060	3.96	120	16,050	-181.03	6.67								
#N/A	#N/A			#N/A		21: Weather		0.00	0.00	16,232	5.49	207	16,221	-189.56	3.81								
#N/A	#N/A			#N/A		22: Well Control		0.50	207.50	16,327	6.07	200	16,316	-193.38	0.94								
#N/A	#N/A			#N/A		23: Waiting-Orders/Equip		0.00	19.00	Planned VS =		feet @		azimuth									
#N/A	#N/A			#N/A		24: Drill Cmt / Shoe Test		0.00	19.50	DAY DRILLING FOREMAN		CELL PHONE NUMBER											
Joints		DP ITEM	OD	#/FT	GRADE	LENGTH	25: Jet & Clean Pits	0.00	0.00	Steven Ritter		CELL PHONE NUMBER											
							26: Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER											
							27: Other	0.00	211.00	Chris Pitts													
							28: Other	0.00	16.50	AMEREDDEV PERSONNEL													
							29: Other	0.00	2.50	DRILLING SUPERINTENDENT		JT Wilkerson											
							30: Other	0.00	0.00	DRILLING ENGINEER		John Zabaldano											
							31: Other	0.00	0.00	DAY CONTROL ROOM SUP		Hesston Cheatwood											
							Total Depth	16743.00	TOTALS	24.00	3385.00	NIGHT CONTROL ROOM SUP		Ted Cheatwood									
Cost Input																							
Cost Type	Charge	Code	Description					Vendor	Unit Cost	Quantity	Cost	Carry Over											
8500	0.094	SUPERVISION / CONTRACT	Stephen Ritter / Chris Pitts					Rusco Operating LLC		1.0		Yes											
8500	0.094	SUPERVISION / CONTRACT	Hesston Cheatwood / Ted Cheatwood					Rusco Operating LLC		1.0		Yes											
8500	0.024	SURFACE RENTALS	Trash trailer 2 Porta pots. Water and Septic for office trailer. 3 Light Plants					Hoppe's Construction LLC		1.0		Yes											
8500	0.024	SURFACE RENTALS	Internet & Intercoms					versat Communications USA		1.0		Yes											
8500	0.024	SURFACE RENTALS	Forklift \$150/day					Boland Field Services LLC		1.0		Yes											
8500	0.024	SURFACE RENTALS	14 x Flat bottom Frac tanks					Blueprint Oilfield Services		1.0		Yes											
8500	0.024	SURFACE RENTALS	4 Sets of pipe Bolsters					Divine Energy Services Inc		1.0		Yes											
8500	0.024	SURFACE RENTALS	4 Sets of pipe racks					Divine Energy Services Inc		1.0		Yes											
8500	0.024	SURFACE RENTALS	PVT/Chokes \$477 plus \$70 on days with gas detection					Pason		1.0		Yes											
8500	0.01	DRILLING RIG	Citadel Rig #3 (OBM Pay)					Citadel Drilling		1.0		Yes											
8500	0.024	SURFACE RENTALS	1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank					Johnso Specialty Tools LLC		1.0		Yes											
8500	0.024	SURFACE RENTALS	Diverter Line, Drive over & Ignoiter					Iron Horse Tools LLC		1.0		Yes											
8500	0.124	ITY AND EMERGENCY RESPN	H2s Compliance Package					american Safety Services, In		1.0		Yes											
8500	0.066	DS CONTROL EQUIP / SERV	Solid Control Equipment and Hands + OBM washgun \$25/day					KSW Oilfield Rental LLC		1.0		Yes											
8500	0.024	SURFACE RENTALS	Minion Tank					Think Tank		1.0		Yes											
8500	0.06	D, ADDITIVES, AND CHEMIC	Mud additives & driveby mud check (WBM)					NOYA Mud		1.0		Yes											
8500	0.024	SURFACE RENTALS	500 BBL pre-mix tank (\$450/Day)					McAda Drilling Fluids Inc		1.0		Yes											
8500	0.03	DOWNHOLE RENTALS	597 joints of 4" XT-39 drill pipe and related equipment \$1559.17 / day, start 05.02.21					Platinum Pipe Rentals LLC		1.0		Yes											
8500	0.03	DOWNHOLE RENTALS	6 - 4 7/8" DC XT-39 and 21 4" HWDP XT-39 and related equipment \$363 / day					Platinum Pipe Rentals LLC		1.0		Yes											
8500	0.048	LL CONTROL EQUIP / SERVI	Pruitt PRCD 500 unit is \$130 + \$80 for Orbit valve					Pruitt Tool & Supply Co. Inc		1.0		Yes											
8500	0.024	SURFACE RENTALS	One joint 3 1/2" If dp, elevators & Becket elevators, (for wear bushing)					Platinum Pipe Rentals LLC		1.0		Yes											
8500	0.198	MUD LOGGING	Mud Loggers & Equipment					ckstone Analytics Mud Logg		1.0		Yes											
8500	0.2	LINE / PERF / PUMPDOWN	Logging Lubricator					DR States Energy Services LL		1.0		No											
8500	0.2	LINE / PERF / PUMPDOWN	Deliver Logging Lubricator					PAJUAL Enterprise LLC		1.0		No											
8500	0.048	LL CONTROL EQUIP / SERVI	Back Haul Opla MPD Equipment					PAJUAL Enterprise LLC		1.0		No											
8500	0.186	GEOLOGY	Deliver Samples to WDVG Petroleum Lab					PAJUAL Enterprise LLC		1.0		No											
8500	0.068	D / FLUIDS DISPOSAL CHAR	Haul Fluid to Disposal					TechWater		1.0		No											
8500											\$	-											
8500											\$	-											
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Ameredev LLC																				Report # 143			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Sat, May 15, 2021									
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FTHR		ROT HRS	
		12/27/2020		139										16,765		16,765		22		13		2	
Current Operation:				Washing and Reaming to Bottom				Next 24 Hours:				Drill 5 7/8" Section											
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size							
Intermediate	9.625" L-80 47# BTC			0	13,235											12 1/4							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35		17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000			12 1/4							
Production	7" HCP-110 32# VA Roughneck			0	16,129	6.094	6,000	11,440	13,000	140,000	125,000	0.03600	0.04780	13,508		8 1/2							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Devonian				70	0	0	90		30														
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.				COST/FT. 24 HRS.				COST/FT. (OA)				LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP		
4.0	4.875	195.561418	337	59	0.08				\$				\$				16,129		13.5		4,277		
GPS #1	LINER X STROKE			SPM #1	GPS #2		LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE						
3.52	5.5			12	42		5.5		12					148	765								
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
8.4	8.4	28.0	28.0									0.5		0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM		OIL		WATER		O-W	LIME	ES	LCM									
12.00	1.90	0.90	2.10	2300.00	1220.00				99.50			0.00		0.00									
PREV BIT #	Re-Run	SIZE	MFG.	TYPE	SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7				
S1	0	5 7/8	Baker	KMK323T	5283533		14		14		18		0		0		0		0				
START FT.	END FT.	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/13/2021 4:00	5/13/2021 14:45	16443	16743	18.88	60.00	10.75	29.3	10.25	8	8	0	A	8	I	NO	None (Off Production Line)							
CUR. BIT #	Re-Run	SIZE	MFG.	TYPE	SERIAL #		JET #1		JET #2		JET #3		JET #4		JET #5		JET #6		JET #7				
S2	0	5 7/8	Hughes	J55	EL385		20		18		18		0		0		0		0				
START FT.	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/14/2021 13:15	5/14/2021 15:00	16743	16765	23.00	60.00	1.75	2.1	10.25															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER							
7.265				870																			
FUEL ON HAND				TOTAL FUEL USED				Gel				Mica				ABQ							
10,979				187,407																			
PICKUP WT.				AVG. DRAG	Poly Plus		Quick Thin		PolyPac UI		TOTAL SOLIDS				DAILY BBLs		0						
223				20,000							0				0								
ROTATING WT.				MAX. DRAG	Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS				CUM BBLs		0						
202				21,000							0				0								
SLACKOFF WT.				TQ. ON BTM	Bar		Lime		Tackle		DAILY LIQUIDS				0								
197				7,250							0				0								
BHA HOURS				TQ. OFF BTM	Pac-R		Alum Ster		Cost		TOTAL LIQUIDS				0								
0				6,900							0				0								
CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																							
HOURS		TIME CODE																					
0.25		27: Other		Safety Meeting/Crew Handover.																			
4.50		6: Tripping		Trip in the hole to 15592'																			
0.50		22: Well Control		Remove Trip Nipple and Install Rotating Head.																			
0.75		9: Cut Drig Line		Slip and Cut Drilling Line. 100'																			
0.50		6: Tripping		Trip in the hole to 16,700'																			
0.75		3: Washing/Reaming		Wash and Ream to 16,743'.																			
1.75		2: Drilling		Rotate w/ Bit #52 From 16743' to 16765' (13'/hr) w/ 23 WOB, 60 Surf RPM, Motor RPM.																			
1.00		3: Washing/Reaming		Back rem out of hole from 16765' to 16135'																			
7.00		6: Tripping		Trip out of hole C/O bit.																			
5.75		6: Tripping		Trip in the hole to 16050'																			
0.50		22: Well Control		Install Rotating Head.																			
0.50		6: Tripping		Trip in hole to 16743'. Tagged up.																			
0.25		3: Washing/Reaming		Fill Pipe, Wash and Ream to 16745'.																			



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Ameredev LLC																				Report # 145	
Morning Drilling Report																					
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE							
INDEPENDENCE AGI #1						0		30-025-48081		DRILLING				Mon, May 17, 2021							
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		141								17,750		17,750		485		27		18	
Current Operation:				Back Reaming UP into the Casing						Next 24 Hours:				Trip out of the hole and Run Wireline Logs							
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size					
Intermediate	9.625" L-80 47# BTC			0	13.235											12 1/4					
Intermediate	20" N-80 133# BTC			0	3.412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22					
Intermediate	13.625" O-125 88.2# BTC			0	7.150	12.375	12.219	10.030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2					
Intermediate	9.625" L-80 47# BTC			0	13.235	8.681	8.525	6.870	5,740	1,086	1,122	0.073 bbls/ft	963.00000		/	12 1/4					
Production	7" HCP-110 32# VA Roughneck			0	16.129	6.094	6.000	11.440	13,000	140,000	125,000	0.03600	0.04780	13,508	/	8 1/2					
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI									
Devonian				70	0	0	30	30	30	30	30	30									
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP					
4.0	4.875	232.8112119	401	72	0.15							16,129		13.5		4,277					
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE			SPM #2	GPS #3	LINER X STROKE			SPM #3	GPM	PUMPS	PUMP PRESSURE				
3.52	5.5			12	50	3.52			5.5	12				176	1,285						
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT					
8.4	8.4	28.0	28.0							0.0		0.5		0.0	0.0	0.0					
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM										
12.00	1.90	0.90	2.10	2300.00	1220.00		99.50		0.00		0.00										
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
S2	0	5 7/8	Hughes	J55	EL385	20	18	18	0	0	0	0	0	0	0	0.8038					
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
5/14/2021 13:15	5/14/2021 15:00	16743	16765	23.00	60.00	1.75	12.6	1.75	8	8	0	A	F	0.0625	WT	Time Of Production (hrs)					
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA					
53	0	5 7/8	Halliburton	GT664DM	13403579	13	13	13	13	13	13	0	0	0	0	0.7777					
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON					
5/15/2021 6:30	5/17/2021 2:45	16765	17750	19.56	56.88	44.25	562.9	1.75													
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER					
FUEL ON HAND				9,893				TOTAL FUEL USED				DAILY SOLIDS				OWNER					
PICKUP WT.				223				AVG. DRAG				TOTAL SOLIDS				DAILY BBLs					
ROTATING WT.				202				MAX. DRAG				DAILY DISPOSAL COSTS				CUM BBLs					
SLACKOFF WT.				197				TQ. ON BTM				DAILY LIQUIDS				0					
BHA HOURS				22				TQ. OFF BTM				TOTAL LIQUIDS				0					
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																	
0.25		27: Other		Safety Meeting/Crew Handover...																	
10.25		2: Drilling		Rotate w/ Bit #53 From 17265' to 17582' (31'ft/hr) w/ 10 WOB, 65 Surf RPM, Motor RPM.																	
0.50		7: Lubricate Rig		Rig Service.																	
1.00		2: Drilling		Rotate w/ Bit #53 From 17582' to 17630' (48'ft/hr) w/ 10 WOB, 65 Surf RPM, Motor RPM.																	
0.25		27: Other		Safety Meeting/Crew Handover...																	
3.75		2: Drilling		Rotate w/ Bit #53 From 17630' to 17725' (25'ft/hr) w/ 10 WOB, 65 Surf RPM, Motor RPM.																	
2.00		2: Drilling		Rotate w/ Bit #53 From 17725' to 17740' (8'ft/hr) w/ 10 WOB, 35 Surf RPM, Motor RPM. Drilling 10-5' Sections Circulate up Cutting Samples Per Geology.																	
2.00		5 Cond. Mud & Circ		Circulate 17,740' Sample to Surface.																	
0.75		2: Drilling		Rotate w/ Bit #53 From 17740' to 17750' (13'ft/hr) w/ 10 WOB, 35 Surf RPM, 0 Motor RPM.																	
2.00		5 Cond. Mud & Circ		Circulate 17,750' Sample to Surface to Confirm TD. ****TD Confirmed @ 17,750****																	
1.25		3: Washing/Reaming		Back Ream out of the Hole from 17,750' to 17,250'																	



Ameredev LLC																		Report # 146																								
Morning Drilling Report																																										
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																												
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Tue, May 18, 2021																												
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																						
		12/27/2020		142								17,750		17,750		0		0		0																						
Current Operation:				Rigging UP Log Run #2				Next 24 Hours:				Run Wireline Logs																														
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size																										
Intermediate	9.625" L-80 47# BTC			0	13,235											12 1/4																										
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	Halcem	410	14.80000	1.33000	0	635 / 410	22																										
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35		17 1/2																										
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000			12 1/4																										
Production	7" HCP-110 32# VA Roughneck			0	16,129	6.094	6,000	11,440	13,000	140,000	125,000	0.03600	0.04780	13,508		8 1/2																										
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																														
Devonian				70	0	0	30	30	30	30	30	30																														
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.			COST/FT. 24 HRS.			COST/FT. (OA)			LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF																								
4.0	4.875	232.8112119	401	72	0.15									16,129		13.5		4,277																								
GPS #1	LINER X STROKE			SPM #1	GPS #2			LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS	PUMP PRESSURE																									
3.52	5.5			12	3.52			5.5		12					176		1,285																									
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT																										
8.4	8.4	28.0	28.0							0.0		0.5		0.0	0.0	0.0																										
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O:W	LIME	ES	LCM																															
12.00	1.90	0.90	2.10	2300.00	1220.00		99.50		0.00		0.00																															
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																										
S2	0	5 7/8	Hughes	J55	EL385	20	18	18	0	0	0	0	0	0	0	0.8038																										
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																										
5/14/2021 13:15	5/14/2021 15:00	16743	16765	23.00	60.00	1.75	12.6	1.75	8	8	0	A	F	0.0625	WT	WT	Rate Of Penetration (in/hr)																									
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																										
53	0	5 7/8	Halliburton	GT66ADM	13403579	13	13	13	13	13	13	0	0	0	0	0.7777																										
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																										
5/15/2021 6:30	5/17/2021 2:45	16765	17750	19.56	56.88	44.25	562.9	1.75																																		
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																										
FUEL ON HAND				7,600	TOTAL FUEL USED				190.786	Gel		Mica	ABQ	DAILY SOLIDS				0	OWNER																							
PICKUP WT.				223	AVG. DRAG				20,000	Poly Plus		Quick Thir	PolyPac UI	TOTAL SOLIDS				0	DAILY BBLs	0																						
ROTATING WT.				202	MAX. DRAG				21,000	Caustic		Soda Ash	Gelox	DAILY DISPOSAL COSTS					CUM BBLs	0																						
SLACKOFF WT.				197	TQ. ON BTM				7,250	Bar		Lime	Tackle	DAILY LIQUIDS				0																								
BHA HOURS				22	TQ. OFF BTM				6,900	Pac-R		Alum Ster	Cost	TOTAL LIQUIDS				0																								
HOURS				CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																						
2.25	3: Washing/Reaming		Back ream from 17250' to 16135'																																							
1.25	5: Cond. Mud & Circ		Circulate bottoms up, Pump Slug																																							
1.50	6: Tripping		Trip out of hole from 16135' to 13272'																																							
1.00	22: Well Control		Shut in well circulate through choke due to well not taking calculated fill																																							
2.25	22: Well Control		Pumped 132 bbls of 10 ppg brine and displaced with 198 bbls of fresh water @ 13178'																																							
7.25	6: Tripping		Trip out of hole from 13178' L/D 4-7/8" drill collars, MWD and NMDC's																																							
7.00	11: Wireline Logging		Rig up Lubricator, Schlumberger wireline, Run CBL/VDL																																							
1.50	11: Wireline Logging		Lay down CBL/VBL and Make up Logging tools for Log Run #2.																																							



Ameredev LLC																				Report # 147																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE																													
INDEPENDENCE AGI #1						0		30-025-49081		DRILLING				Wed, May 19, 2021																													
DRLG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS																					
		12/27/2020		143										17,750		17,750		0		0		0																					
Current Operation:				Side Wall Coring with SLB Wireline @ 17,708'						Next 24 Hours:				Continue Collecting Core Samples Per Geology																													
Type	Casing Specs			Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SXS Cmt	Hole Size																											
Intermediate	9.625" L-80 47# BTC			0	13,235											12 1/4																											
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22																											
Intermediate	13.625" O-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35		17 1/2																											
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000			12 1/4																											
Production	7" HCP-110 32# VA Roughneck			0	16,129	6.094	6,000	11,440	13,000	140,000	125,000	0.03600	0.04780	13,508		8 1/2																											
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI																															
Fusselman				70	0	0	30	30	30	30	30	30																															
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA.				COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICP																										
4.0	4.875	0	0										16,129		13.5		4,227																										
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE																											
3.52	5.5			12	3.52	5.5		12					0			1,285																											
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT																											
8.4	8.4	28.0	28.0							0.0		0.5		0.0	0.0	0.0																											
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM																																
12.00	1.90	0.90	2.10	2300.00	1220.00		99.50		0.00		0.00																																
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																											
S2	0	5 7/8	Hughes	J55	EL385	20	18									0.8038																											
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																											
5/14/2021 13:15	5/14/2021 15:00	16743	16765	23.00	60.00	1.75	12.6	1.75	8					0.0625	WT																												
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA																											
53	0	5 7/8	Halliburton	GT064DM	13403579	13	13	13								0.7777																											
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON																											
5/15/2021 6:30	5/17/2021 2:45	16765	17750	19.56	56.88	44.25	562.9	1.75																																			
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER																											
FUEL ON HAND				7,359				TOTAL FUEL USED				191.027				Gel				Mica				ABQ				DAILY SOLIDS				0				OWNER							
PICKUP WT.				0				AVG. DRAG				0				Poly Plus				Quick Thin				PolyPac UI				TOTAL SOLIDS				0				DAILY BBLs				0			
ROTATING WT.				0				MAX. DRAG				0				Caustic				Soda Ash				Gelex				DAILY DISPOSAL COSTS				CUM BBLs				0							
SLACKOFF WT.				0				TQ. ON BTM				0				Bar				Lime				Tackle				DAILY LIQUIDS				0											
BHA HOURS				0				TQ. OFF BTM				0				Pac-R				Alum Ster				Cost				TOTAL LIQUIDS				0											
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																																							
9.00		11: Wireline Logging		Wireline log Second Run w/ Thru-bit, Dipole Sonic, FM, TBDR, Lay out tools																																							
6.50		11: Wireline Logging		Wireline log Third run w/ Thru-bit TCOD w Induction																																							
2.50		27: Other		Review Logs to determine Core Points.																																							
3.50		11: Wireline Logging		Pick up, Test & Run Fourth Log (MISC) int the hole to 17,718' to begin Coring.																																							
2.00		11: Wireline Logging		While Coring @ 17,718' the core bit got Stuck in the Side Wall, Logging Engineers worked the bit free.																																							
0.50		11: Wireline Logging		Function Coring Equipment and Pull up to 17,708' to Retrieve Core.																																							
		</																																									



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Ameredev LLC																				Report # 150			
Morning Drilling Report																							
WELL NAME				AFE #		STATE WELL ID #		API #		OBJECTIVE				DATE									
INDEPENDENCE AGI #1				[REDACTED]		0		30-025-48081		DRILLING				Sat, May 22, 2021									
DRILG CONTRACTOR		SPUD DATE		DAYS		Daily Cost		Cum Cost		AFE Cum Cost		Perc of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
		12/27/2020		146		[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]		17,750		17,750		0		0		0	
Current Operation:				RDMO				Next 24 Hours:				Wait on Completions											
Type	Casing Specs			Top TMD	Botm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	OV Tool	SXS Cmt	Hole Size							
Intermediate	9.625" L-80 47# BTC			0	13,235											12 1/4							
Intermediate	20" N-80 133# BTC			0	3,412	NeoCem	635,000	11	3	HalCem	410	14.80000	1.33000	0	635 / 410	22							
Intermediate	13.625" Q-125 88.2# BTC			0	7,150	12.375	12,219	10,030	4,800	3,191		0.149 bbls/ft	1,051.00000	3118.9/5350.35	/	17 1/2							
Intermediate	9.625" L-80 47# BTC			0	13,235	8.681	8,525	6,870	5,740	1,086	1,122	0.073 bbls/ft	963.00000	/		12 1/4							
Production	7" HCP-110 32# VA Roughneck			0	16,129	6.094	6,000	11,440	13,000	140,000	125,000	0.03600	0.04780	13,508	/	8 1/2							
FORMATION				BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI											
Fusselman				70	0	0	30	30	30	30	30	30											
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY		HHP/SQ IN BIT DIA.		COST/FT. 24 HRS.		COST/FT. (OA)		LAST SHOE TVD		FRAC GRADIENT MW		MAX. ALLOWABLE SICF							
4.0	4.875	0	0									16,129		13.5		4,227							
GPS #1	LINER X STROKE			SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS		PUMP PRESSURE							
3.52	5.5			12	3.52	5.5		12					0			1,285							
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HTHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT							
8.4	8.4	28.0	28.0						0.0	0.0		0.5		0.0	0.0	0.0							
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM												
12.00	1.90	0.90	2.10	2300.00	1220.00		99.50		0.00		0.00												
PREV BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
52	0	5 7/8	Hughes	J55	EL385	20	18	18	0	0	0	0	0	0	0	0.8038							
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/14/2021 13:15	5/14/2021 15:00	16743	16765	23.00	60.00	1.75	12.6	1.75	8	8		A	F	0.0625	WT	REASON							
CUR. BIT #	Re-Run	SIZE	MFGR	TYPE	SERIAL #	JET #1	JET #2	JET #3	JET #4	JET #5	JET #6	JET #7	JET #8	JET #9	JET #10	TFA							
53	0	5 7/8	Halliburton	GT064DM	13403579	13	13	13	13	13	13	0	0	0	0	0.7777							
START FT	LAST CHECK	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	DULL	LOC.	BEARING	GAUGE	OTHER	REASON							
5/15/2021 6:30	5/17/2021 2:45	16765	17750	19.56	56.88	44.25	562.9	1.75															
FUEL DELIVERED				FUEL USED TODAY				MUD ADDITIVES IN LAST 24 HOURS								SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND				TOTAL FUEL USED				Gel				Mica				DAILY SOLIDS				OWNER			
PICKUP WT.				AVG. DRAG				Poly Plus				Quick Thin				TOTAL SOLIDS				DAILY BBLs			
ROTATING WT.				MAX. DRAG				Caustic				Soda Ash				DAILY DISPOSAL COSTS				CUM BBLs			
SLACKOFF WT.				TQ. ON BTM				Bar				Lime				DAILY LIQUIDS				0			
BHA HOURS				TQ. OFF BTM				Pac-R				Alum Ster				TOTAL LIQUIDS				0			
HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY ( 0600 HRS TO 0600 HRS )																			
24.00		27: Other		***Citadel Rig #3 Released 5/21/2021 @ 06 00 am***																			



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**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 35130

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 35130
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/1/2021