

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

DAILY DRILLING REPORTS
(2 OF 2)

Morning Drilling Report

WELL NAME		AFE #		STATE WELL ID #		API #		OBJECTIVE		DATE	
INDEPENDENCE AGI #1				0		30-025-48081		DRILLING		Wed, March 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	73					14,561	14,561	509	60	9
Current Operation			Tripping out of hole to change out BHA			Near 24 Hours			TOOH, 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	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	3118.9/5250.35	/	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	LAST SHOE TVD	FRAC GRADIENT MW	MAX ALLOWABLE SICP			
Morrow		2,799	3,279	4,139	30	30	30	30	30	30	13,235	13.2	2,202			
DP SIZE	DC SIZE	DP AV	DC AV	JET VELOCITY	HHP/SQ IN BIT DIA	COST/FT. 24 HRS	COST/FT. (OA)	COST/FT. (OA)	COST/FT. (OA)	COST/FT. (OA)	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	5.5	514	2,460						
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT
10.0	10.0	10.0	39.0	4.0	31.0	8.0	14.0	106.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O W	LIME	ES	LCM					
8.00	0.30	0.10	0.00	20000.00	4000.00	0.00	93.00	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
29	8 1/2"	Baker	VG28	5309822	20	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
9/1/1937 0.00	3/8/2021 14.00	13759	14052	35.14	17.14	732110	23.4	12.5	3	7	BT	A	E	I	IT	Reason
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
30	8 1/2"	Baker	D505TX	5316449	16	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 10.30	3/9/2021 18.30	14052	14561	26.22	65.71	9	59.9	8.5								

FUEL DELIVERED		FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS		SOIL FARMING / MUD DISPOSAL		FRESH WATER	
FUEL ON HAND	10,013	TOTAL FUEL USED	107,350	Gel	Mica	ABO	DAILY SOLIDS	0	OWNER
PICKUP WT.	188	AVG. DRAG	15	Poly Plus	Quick Thin	PolyPac Uli	TOTAL SOLIDS	0	DAILY BBLs
ROTATING WT.	186	MAX. DRAG	18	Caustic	Soda Ash	Gelex	DAILY DISPOSAL COSTS	0	CUM BBLs
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)
2.00	6: Tripping	Safety meeting. TH F/ 12900' T/ 13830'
2.50	3: Washing/Reaming	Wash and ream to bottom at 500 GPM, 20-80 RPM, 10-22 TQ, Cuttings/cavings (0.125-0.5" size) coming across shakers.
2.00	2: Drilling	Rotate w/ Bit #30 From 14052' to 14215' (82'ft/hr) w/ 30 WOB, 100 Surf RPM, 208 Motor RPM.
1.25	2: Drilling	Slide w/ Bit #30 From 14215' to 14260' (36'ft/hr) w/ 25 WOB, Surf RPM, 208 Motor RPM.
0.75	2: Drilling	Rotate w/ Bit #30 From 14260' to 14312' (69'ft/hr) w/ 25 WOB, 10 Surf RPM, 208 Motor RPM.
1.50	2: Drilling	Slide w/ Bit #30 From 14312' to 14382' (47'ft/hr) w/ 25 WOB, 10 Surf RPM, 208 Motor RPM.
0.25	2: Drilling	Rotate w/ Bit #30 From 14382' to 14405' (92'ft/hr) w/ 25 WOB, 100 Surf RPM, 208 Motor RPM. Drilling through MPD with both chokes fully open.
0.50	7: Lubricate Rig	Rig Service
0.50	2: Drilling	Rotate w/ Bit #30 From 14405' to 14500' (190'ft/hr) w/ 25 WOB, 300 Surf RPM, 208 Motor RPM. 800 Diff, 4300 psi and 10 ppg mud
2.25	2: Drilling	Slide w/ Bit #30 From 14500' to 14561' (27'ft/hr) w/ 25 WOB, Surf RPM, 160 Motor RPM. Diff 400 psi, observe stall out
3.50	3: Washing/Reaming	At 14561 ft observe motor stall and pressure spike. Reduce pump rate and pump out of hole, stage up from 80 gpm to 316 gpm as hole conditions would permit, not possible to rotate. Pump out to 14300 ft, attempt several times to rotate without success. Not able to pump above 316 gpm, normal pressure 1400 psi, increase as cuttings moved up the hole.
2.50	3: Washing/Reaming	Continue to pump out 8 1/2" bit & motor assembly with 316 gpm from 14300 ft to 13350 ft into the 12 1/4" rat hole. Observe moderate flare with 10 ppg. Pumping through MPD with both chokes fully open
3.50	5: Cond. Mud & Circ	At 13350 ft increase mud weight from 10 ppg to 10.5 ppg pumping at 600 gpm with 3073 psi, 30 rpm with 25k ft/lbs torque. Observe minimal flare. While circulating and bringing mud weight up, string pressured up and blew pop-off on pump. C/O pop-off and attempt to bring pumps back up. String pressuring up with no returns. Pulled up to 13,300' with no issues. Able to rotate string with no issues. Suspected motor failure or string packoff.
1.00	6: Tripping	POOH to inspect BHA and change out bit, motor, and MWD tools. Current tripping depth 12,700'

QTY		BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD			
1	8.5" PDC S 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	8.50	332.25	Depth	Dev.	Azi.	TVD	VS	DLS
1	8" IB5 Stabilizer (BFF)	6.00	3	Washing/Reaming	8.50	15.00	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	3.50	121.50	12,359	1.35	95	12,354	-114.77	0.16
1	6 3/4" Pony	15.00	6	Tripping	3.00	443.00	12,453	1.39	91	12,448	-116.39	0.12
15	6 1/2" DCs	455.00	7	Lubricate Rig	0.50	11.00	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	Out Drig Line	0.00	9.50	12,747	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	MU 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	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	0.00	192.50	13,972	3.17	88	13,965	-159.27	0.34
			23	Waiting-Orders/Equip	0.00	0.00						
			24	Drill Cmt / Shoe Test	0.00	7.25						
			25	Jet & Clean Pits	0.00	0.00						
			26	Regulatory	0.00	54.50						
			27	Other	0.00	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	1843.00						

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	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	0.01	DRILLING RIG	PVT/Chokes \$477 plus \$70 on days with gas detection	Pason		1.0		Yes
8500	0.024	SURFACE RENTALS	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 \$2445/day + Well catch up costs for shaker screens	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	0.032	DOWNHOLE RENTALS	(12) 8" Drill Collars	Platinum Pipe Rentals LLC		1.0		Yes
8500	0.048	LI 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	0.328	VACUUM TRUCK	Vac Truck to haul off trash water and cement	R&M Trucking and Backhoe		1.0		No

Morning Drilling Report

WELL NAME		AFE #	STATE WELL ID #	API #	OBJECTIVE	DATE					
INDEPENDENCE AGI #1			0	30-025-48081	DRILLING	Sat, March 13, 2021					
DRLLG 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	76					15,260	15,260	536	34	16
Current Operation		POOH @ 11,900'		Next 24 Hours		POOH, C/O BHA, TH, Drill @ 1 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	28	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	3118.9/3268.35	/	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	LAST SHOE TVD	FRAC GRADIENT MW	MAX ALLOWABLE SICP			
Barnet		2,799	3,279	4,139	30	30	30	30	30	30	13,235	13.2	1,458			
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		PUMP PRESSURE						
5.0	6.500	343.0269959	540	233	3.47			13,235		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	3.52	5.5	12	94	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	8.6	0.0	0.0	0.0

HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)
1.00	2: Drilling	Slide w/ Bit #31 From 14724' to 14729' (5 1/2"/hr) w/ 20 WOB, 10 Surf RPM, 224 Motor RPM.
1.00	2: Drilling	Rotate w/ Bit #31 From 14729' to 14790' (6 1/2"/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 synk MWD tool and relg.
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 centrifuges 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'

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/RODMG	0.00	81.00			
1	NOV 7" (SLICK SLEEVE) 7 7.8 ERT FBH 1.25"	32.00	2 Drilling	16.00	352.75	Depth	Dev	Azi
1	6 3/4" UBHO	3.00	3 Washing/Reaming	1.50	41.00	12,170	1.53	98
1	6 3/4" NMDC	29.00	4 Lost Circulation	0.00	11.75	12,264	1.42	101
1	6 3/4" Poroy	15.00	5 Cond. Mud & Circ	1.00	123.00	12,359	1.35	95
1	8 1/4" IBS Stabilizer (BFF)	5.00	6 Tripping	5.00	463.25	12,453	1.39	91
15	6 1/2" DCS	455.00	7 Lubricate Rig	0.50	11.75	12,548	1.44	89
24	5" HWDP	726.00	8 Rig Repair	0.00	25.50	12,642	1.63	83
			9 Cut Drig Line	0.00	9.50	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	44.75	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	30.00	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	42.75	13,694	2.60	91
			20 Directional Work	0.00	34.25	13,783	3.12	81
			21 Weather	0.00	0.00	13,878	3.41	84
			22 Well Control	0.00	192.50	13,972	3.17	88
			23 Waiting-Orders/Equip	0.00	0.00			
			24 Drill Cmt / Shoe Test	0.00	7.75			
			25 Jet & Clean Pits	0.00	0.00			
			26 Regulatory	0.00	54.50			
			27 Other	0.00	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	1915.00			

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 Susarchuk / 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	Boiland 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	Drivert Line, Drive over & Igniter	Iron Horse Tools LLC		1.0		Yes
8500	0.124	TV 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 \$2445/day + Well catch up costs for shaker screens	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	LI CONTROL EQUIP / SERV	Rotating Head & MPD + Bearing Redress and Sealing Element	Opla		1.0		Yes
8500	0.032	DIRECTIONAL DRILLING	MWD Daily cost - Stand By	Haliburton Energy Services		1.0		Yes
8500	0.06	D, ADDITIVES, AND CHEMIC	Mud additives & drively mud check	Haliburton Energy Services		1.0		Yes
8500	0.024	SURFACE RENTALS	500 BBL Mixing Tank	McAda Drilling Fluids Inc		1.0		Yes
8500	0.326	TRANSPORTATION	Deliver 7" Varn Casing to location	B&L Pipeco Services Inc		1.0		No
8500	0.042	BING & BHA INSPECT & REP	Clean/Drift/Tally 7" Varn Casing	Vashita Valley Enterprise In		1.0		No

Morning Drilling Report

WELL NAME		AFE #		STATE WELL ID #		API #		OBJECTIVE		DATE	
INDEPENDENCE AGI #1				0		30-025-48081		DRILLING		Mon, March 15, 2021	
DRILL 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	78					15,270	15,270	10	20	1
Current Operation			Drilling 8 1/2" Production Hole @ 15,270'			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 Tool	S/S Cmt	Hole Size
Surface	28	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	3118.9/3260.35	/	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	LAST SHOE TVD	FRAC GRADIENT MW	MAX ALLOWABLE SICP			
Barnet		2,799	3,279	4,139	30	30	30	30	30	30	13,235	13.2	2,133			
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						
3.52	6.500	255.4456352	402	150	1.02			13,235		2,559						
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	3.52	492	2	2,559					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HHP	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	6.5	0.0	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						
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	13	13	13	0.9073
START FT	END FT	DEPTH IN	DEPTH OUT	AVG WOB	AVG RPM	HOURS	FT/HR	ROT HRS	INNER	OUTER	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	X	I		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	FY173P-F	6021458	14	14	14	14	14	14	14	14	14	14	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	20.00	60.00	20.0	0.5	20.0	0.5								

FUEL DELIVERED		FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS		SOIL FARMING / MUD DISPOSAL		FRESH WATER	
0	8,928	0	1,689						
FUEL ON HAND	329	AVG DRAG	15	Poly Plus	Quick Thin	PolyPac Uil	DAILY SOLIDS		0
PICKUP WT.	304	MAX DRAG	18	Caustic	Soda Ash	Gelex	TOTAL SOLIDS		0
ROTATING WT.	275	TO ON BTM	19,000	Bar	Lime	Tackle	DAILY DISPOSAL COSTS		0
SLACKOFF WT.	26	TQ OFF BTM	15,000	Pac-R	Alum Ster	Cost	DAILY LIQUIDS		0
BHA HOURS	TOTAL LIQUIDS		0		TOTAL LIQUIDS		0		0

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 of 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: Rtr 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. 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.											
3.50	3: Washing/Reaming	Rotate w/ bit #32 from 15260' to 15270' (20ft/hr) w/ 20 WOB, 60 Surf RPM, 192 Motor RPM.											
0.50	2: Drilling												

QTY		BHA ITEM		LENGTH		TIME DISTRIBUTION		DAILY		CUM		KOP MD/TVD		Pen Pt MD/TVD		Lnda Pt MD/TVD	
1	8.5" PDC 7 Blade	1.00		1 MIRU/RDMO		0.00		81.00									
1	NOV 7" (SLICK Lcam 7 1/4" 7/8 8.5 FBH 1.75" w/ 8" NBS	36.25		2 Drilling		0.50		353.25		Depth		Dev.		Azi		TVD	
1	8 1/4" IBS Stabilizer (BFF)	5.25		3 Washing/Reaming		20.75		63.50		12,170		1.53		98		12,165	
1	6 3/4" URHO	2.59		4 Lost Circulation		0.00		11.75		12,264		1.42		101		12,259	
1	6 3/4" NMDC	29.17		5 Cond. Mud & Circ		1.25		124.50		12,359		1.35		95		12,354	
1	6 3/4" Pomv	14.62		6 Tripping		0.00		483.00		12,453		1.39		91		12,448	
18	6 1/2" DCS	545.67		7 Lubricate Rig		0.00		11.75		12,548		1.44		89		12,543	
24	5" HWDP	726.25		8 Rig Repair		1.50		27.00		12,642		1.63		83		12,637	
				9 Cut Drlg Line		0.00		9.50		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		44.75		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		42.75		13,694		2.60		91		13,688	
				20 Directional Work		0.00		35.50		13,783		3.12		81		13,777	
				21 Weather		0.00		0.00		13,878		3.41		84		13,872	
				22 Well Control		0.00		192.50		13,972		3.17		88		13,965	
				23 Waiting-Orders/Equip		0.00		0.00									
				24 Drill Cmt / Shoe Test		0.00		7.75									
				25 Jet & Clean Pits		0.00		0.00									
				26 Regulatory		0.00		54.50									
				27 Other		0.00		80.50									
				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		1963.00									

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		1.0		1.0		Yes			
8500	0.094	SUPERVISION / CONTRACT		Andy Slusarduk/Chris Huff		Rusco Operating LLC		1.0		1.0		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		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		Internet & Intercoms		versat Communications USA		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		Forklift \$150/day		Boland Field Services LLC		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		14 x Flat bottom Frac tanks		Blueprint Oilfield Services		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		4 Sets of pipe Bolsters		Divine Energy Services Inc		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		4 Sets of pipe racks		Divine Energy Services Inc		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		PVT/Chokes \$477 plus \$70 on days with gas detection		Pason		1.0		1.0		1.0		Yes			
8500	0.01	DRILLING RIG		Citadel Rig #3		Citadel Drilling		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		1- 4x4, 3- 6x6 pumps, 1-shaker washer, 1-diesel tank		Jofonso Specialty Tools LLC		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		Diverter Line, Drive over & Igniter		Iron Horse Tools LLC		1.0		1.0		1.0		Yes			
8500	0.124	TY AND EMERGENCY RESP		H2s Compliance Package		merican Safety Services, In		1.0		1.0		1.0		Yes			
8500	0.066	IDS CONTROL EQUIP / SERV		Solid Control Equipment and Hands \$2445/day + Well catch up costs for shaker screens		KSW Oilfield Rental LLC		1.0		1.0		1.0		Yes			
8500	0.198	MUD LOGGING		Mud Logging Service		sketone Analytics Mud Logg		1.0		1.0		1.0		Yes			
8500	0.024	SURFACE RENTALS		Minion Tank		Think Tank		1.0		1.0		1.0		Yes			
8500	0.03	DOWNHOLE RENTALS		(12) 8" Drill Collars		Platinum Pipe Rentals LLC		1.0		1.0		1.0		Yes			
8500	0.048	LL CONTROL EQUIP / SERV		Rotating Head & MPD		Opla		1.0		1.0		1.0		Yes			
8500	0.032	DIRECTIONAL DRILLING		MWD Daily cost - Stand By		Halliburton Energy Services		1.0		1.0		1.0		Yes			
8500	0.06	D, ADDITIVES, AND CHEMIC		Mud additives &													

Ameredeve LLC

Report # 90

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE			
INDEPENDENCE AGI #1			[REDACTED]		0		30-025-49081		DRILLING			Tue, March 23, 2021			
DRLG CONTRACTOR		SPUD DATE	DAYS		Daily Cost		Cum Cost		Perc of AFE Spent		MD	TVD	DAILY FT	FT/HR	ROT HRS
[REDACTED]		12/27/2020	86		[REDACTED]		[REDACTED]		[REDACTED]		15,390	15,390	0	0	0

Current Operation: Pulping out to lay down fishing tools. Next 24 Hours: Lay down fishing tools and pick up stinger string to set 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	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	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	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	HHP	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
32		8 1/2	Varel	FY713P-F	6021458	14	14	14	14	14	14	14	14	14	14	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	MFR	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	GTD7ADHE	13096025	18	18	18	18	18	18	18	18	18	18	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													

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	126,270	Gel	Mica	ABQ	DAILY SOLIDS				0	OWNER

PICKUP WT.	329	AVG. DRAG	15	Poly Plus	Quick Thix	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 BIT	19,000	Bar	Lime	Tackle	DAILY LIQUIDS				0	
BHA HOURS	26	TQ. OFF BIT	15,000	Pac-R	Alum St	Cost	TOTAL LIQUIDS				0	

HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)													
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6.00 23: Waiting-Orders/Equip Wait on orders from the State of New Mexico.

6.00 23: Waiting-Orders/Equip Wait on fisherman and fishing tools.

2.25 19: Fishing Unload, Strap and pick up fishing tools

7.75 19: Fishing Trip in hole with 8.125" over shot with 6.75" grapple and control. At 14,090 we hit a tight spot.

1.75 19: Fishing Wash and ream from 14,090' to 14,093'. Erratic torque swings and BHA pressuring up and getting stuck. Decision was made to trip out and lay down fishing tools and pump cement.

0.25 6: Tripping Pull out of the hole.

24.00	No Accidents, Spills or Inspections to report													
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QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD	
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1	8.5" Halliburton Bit	1.00	1: MRLU/RDMO	0.00	81.00						
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1	Bit Sub	4.00	2: Drilling	0.00	358.50	Depth	Dev	Azi	TVD	VS	DLS
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1	6.75" UBHO Sub	2.59	3: Washing/Reaming	0.00	126.50	12,170	1.53	98	12,165	-111.08	0.22
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1	6.75" NMDC	36.79	4: Lost Circulation	0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14
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1	6.75" Pony DC	14.62	5: Cond. Mud & Circ	0.00	127.50	12,359	1.35	95	12,354	-114.77	0.16
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1	8.25" IBS Stabilizer	5.25	6: Tripping	0.25	529.75	12,453	1.39	91	12,448	-116.39	0.12
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18	6.5" Drill Collars	545.67	7: Lubricate Rig	0.00	15.50	12,548	1.44	89	12,543	-117.99	0.06
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24	5" HWDP	727.35	8: Rig Repair	0.00	31.50	12,642	1.63	83	12,637	-119.57	0.28
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			9: Cut Drig Line	0.00	10.50	12,737	1.87	82	12,732	-121.26	0.25
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			10: Deviation Survey	0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27
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			11: Wireline Logging	0.00	74.00	12,926	2.15	86	12,921	-125.40	0.07
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			12: Run Casing	0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17
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			13: Cement Casing	0.00	44.75	13,115	2.60	82	13,110	-130.00	0.34
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			14: Wait On Cement	0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55
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			15: NU BOP's	0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40
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			16: Test BOP's	0.00	30.00	13,410	4.17	84	13,404	-140.14	0.66
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			17: Plug Back	0.00	0.00	13,504	2.55	94	13,498	-143.74	1.81
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			18: Squeeze Cmt	0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04
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			19: Fishing	11.75	54.50	13,694	2.60	91	13,688	-149.92	0.14
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			20: Directional Work	0.00	35.50	13,783	3.12	81	13,777	-152.68	0.82
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			21: Weather	0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37
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			22: Well Control	0.00	193.00	13,972	3.17	88	13,965	-159.27	0.34
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			23: Waiting-Orders/Equip	12.00	14.25				Planned VS -		feet @	azimuth
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			24: Drill Cmt / Shoe Test	0.00	7.75				DAY DRILLING FOREMAN		CELL PHONE NUMBER	
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			25: Jet & Clean Pits	0.00	0.00				Hesston Cheatwood		CELL PHONE NUMBER	
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			26: Regulatory	0.00	54.50				NIGHT DRILLING FOREMAN		CELL PHONE NUMBER	
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			27: Other	0.00	100.75				Stephen Ritter		CELL PHONE NUMBER	
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			28: Other	0.00	13.75				AMEREDVE PERSONNEL		
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			29: Other	0.00	0.00				DRILLING SUPERINTENDENT		JT Wilkerson	
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			30: Other	0.00	0.00				DRILLING ENGINEER		John Zabaldano	
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			31: Other	0.00	0.00				DAY CONTROL ROOM SUP		David Pope	
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			TOTALS	24.00	2137.00				NIGHT CONTROL ROOM SUP		Ted Cheatwood	
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Cost Input

Cost Type	Charge	Code	Description	Vendor	Unit Cost	Quantity	Cost	Carry Over
8500	0.094	SUPERVISION / CONTRACT	Hesston Cheatwood/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	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 R						

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	Perf of AFE Spent	MD	TVD	DAILY FT	FT/HR	ROT HRS
	12/27/2020	96					14,531	14,531	0	0
Current Operation: Washing and reaming down @ 13,347' 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	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	3118.9/3260.35	/	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	LAST SHOE TVD	FRAC GRADIENT MW	MAX ALLOWABLE SICP
Barnet		2,799	3,279	4,139	30	30	30	30	30	30	13,235	13.2	1,239
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		1,239	

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	3.52	5.5	12	651	4,700	1,7395					
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT
11.4	11.4	44.0	44.0	16.0	8.0	7.0	11.0	5.8	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
10.00	1.10	0.40	2.60	171000.00	160.00	0.00	81.00	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
39		8 1/2	Utterra	CF716	52498	18	18	18	18	18	18	18	18	18	18	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

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
40		8 1/2				16	16	16	16	16	16	16	16	16	16	1,3744

FUEL DELIVERED	FUEL USED TODAY	MUD ADDITIVES IN LAST 24 HOURS	SOIL FARMING / MUD DISPOSAL	FRESH WATER
0	1,086			

PICKUP WT.	ROTATING WT.	SLACKOFF WT.	BHA HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)
326	286	248	19	27: Other	Safety Meeting/Crew Handover.

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/RDMD	0.00	81.00			

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD
1	7.25" Leam 6/7 4.6 FBH @ 1.83 Stick	33.00	2 Drilling	0.00	421.00	Depth	Dev.	Azi.

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD
1	Float Sub	4.00	3 Washing/Reaming	9.50	145.00	12,170	1.53	98

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD
1	Float Sub	2.00	4 Lost Circulation	0.00	11.75	12,264	1.42	101

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD
1	6.5" UBHO	4.00	5 Cond. Mud & Circ	2.50	134.50	12,359	1.35	95

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD
1	6.75" NMDC	30.00	6 Tripping	3.25	618.50	12,453	1.39	91

Morning Drilling Report

WELL NAME		AFE #		STATE WELL ID #		API #		OBJECTIVE		DATE	
INDEPENDENCE AGI #1				0		30-025-48081		DRILLING		Sat, April 3, 2021	
DRUG 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	37						14,531	14,531	0	0
Current Operation: Washing and Reaming @ 14,485' while preparing to displace with OBM. No 1 2 1/4 HD is. 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	10,030	4,800	3,191		0.189 bbls/ft	1,051,00000	3118.9/3268.35	/	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	LAST SHOE TVD	FRAC GRADIENT MW	MAX ALLOWABLE SICP
Barnet		2,799	3,279	4,139	30	30	30	30	30	30	13,235	13.2	1,273
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	93	3.52	5.5	12	92			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

PREV BIT #	Re-Run	SIZE	MFGR	CF716	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	18	18	18	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
3/26/2021 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

FUEL DELIVERED		6,032	FUEL USED TODAY	2,533	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER	
FUEL ON HAND		10,979	TOTAL FUEL USED	141,457	Gel	Mica	ABO	DAILY SOLIDS				0	OWNER	
PICKUP WT.		326	AVG. DRAG	15	Poly Pac	Quick Thin	PolyPac Uli	TOTAL SOLIDS				0	DAILY BBLs	0

HOURS		TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)									
0.25	27: Other		Safety Meeting/Crew Handover.									
3.00	3: Washing/Reaming		Wash & Ream from 14,330' to 14,346'.									
0.50	22: Well Control		Change out Leaking Rotating Head.									
6.25	3: Washing/Reaming		Wash & Ream from 14,346' to 14,425'.									
0.25	7: Lubricate Rig		Rig Service/Rig Blacked Due to Radiator Cable Failure.									
3.00	3: Washing/Reaming		Wash & Ream from 14,425' to 14,455' while keeping bottom hole 13 ppg ECD with MPD. Mud weight 11.2 ppg.									
0.50	6: Tripping		Pull up to 14400 ft. Change out Leaking Rotating Head.									
0.75	3: Washing/Reaming		Wash & Ream from 14,400' to 14,426' while keeping bottom hole 13 ppg ECD with MPD.									
0.50	7: Lubricate Rig		Rig Service/Rig Blacked Due to Radiator Cable Failure.									
1.25	3: Washing/Reaming		Wash & Ream from 14,426' to 14,482' while keeping bottom hole 13 ppg ECD with MPD.									
0.50	28: Other		At 14482 ft observe hard motor stall and pump increase, release torque, bleed off pressure. Reciprocate pipe progressively up from 400k to 480k, while down to 230k until circulation could be established with 250 gpm, continue to work pipe and improve circulation until free, pull back to 14426 ft.									
3.00	3: Washing/Reaming		Wash & Ream from 14,426' to 14,475' while keeping bottom hole 13 ppg ECD with MPD.									
0.25	28: Other		At 14475 ft torque and pump differential increasing, P/U string and observe motor stall and pump increase, release torque, bleed off pressure. Reciprocate pipe progressively up from 400k to 480k, while down to 230k until circulation could be established with 250 gpm, continue to work pipe and improve circulation until free, pull back to 14449 ft.									
4.00	3: Washing/Reaming		Wash and Ream 1/ 14,475' to 14,485'. Watching torque and diff close and if any indications pipe may be hanging up or packing off work back up 10' and ensure hole is clean above before attempting to wash back down. Cleaning frac tanks and loading with 10.5 ppg OBM. Fill pre-mix with 50 bbls of diesel and prepare for displacing the wellbore with OBM.									

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" Ulterra CF716	1.00	1 MIRU/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.
1	Float Sub	4.00	3 Washing/Reaming	21.25	166.25	12,170	1.53	98
1	Float Sub	2.00	4 Lost Circulation	0.00	11.75	12,264	1.42	101
1	6.5" UBHO	4.00	5 Cond. Mud & Circ	0.00	134.50	12,359	1.35	95
1	6.75" NMDC	30.00	6 Tripping	0.50	619.00	12,453	1.39	91
1	6.75" NMDC	31.00	7 Lubricate Rig	0.75	19.00	12,548	1.44	89
18	6.5" DC's	546.00	8 Rig Repair	0.00	53.00	12,642	1.63	83
21	5" HWDP	636.00	9 Cut Drig Line	0.00	13.25	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 Crnt	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	0.50	194.75	13,972	3.17	88
			23 Waiting-Orders/Equip	0.00	19.00			
			24 Drill Cmt / Shoe Test	0.00	7.75			
			25 Jet & Clean Pits	0.00	0.00			
			26 Regulatory	0.00	54.50			
			27 Other	0.25	113.25			
			28 Other	0.75	15.50			
			29 Other	0.00	0.00			
			30 Other	0.00	0.00			
			31 Other	0.00	0.00			
			TOTALS	24.00	2801.00			

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	0.01	DRILLING RIG	PVT/Chokes \$477 plus \$70 on days with gas detection	Pason		1.0		Yes
8500	0.024	SURFACE RENTALS	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 & 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	0.024	SURFACE RENTALS	500 BBL pre-mix tank (\$450/Day)	McAda Drilling Fluids Inc.		1.0		Yes

Morning Drilling Report

WELL NAME	AFE #	STATE WELL ID #	API #	OBJECTIVE	DATE
INDEPENDENCE AGI #1		0	30-025-480R1	DRILLING	Mon, April 5, 2021
DRILG CONTRACTOR	SPUD DATE	DAYS	Daily Cost	Perf of AFE Spent	MD
	12/27/2020	99			15,036
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	Botm TMD	ID	Drift	Burst	Collapase	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	3118.9/250.35		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	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	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	HHP	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	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	Uterra	CF716	52498	18	18	18	18	18	18	18	18	18	18	1,7395

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
13826	13826	14531	14531	38.57	50.00	23.25	32.0	22	1	2		N	X	I	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	16	16	16	16	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
14531	14531	15035	15035	33.89	40.00	13.75	38.1	13.25								

FUEL DELIVERED	FUEL USED TODAY	MUD ADDITIVES IN LAST 24 HOURS	SOIL FARMING / MUD DISPOSAL	FRESH WATER
0	2,534			

FUEL ON HAND	TOTAL FUEL USED	Gel	Mica	ABO	DAILY SOLIDS	OWNER
6,635	145,801	15	Quick Thin	PolyPac Ui	0	0

PICKUP WT.	AVG. DRAG	Poly Plus	Soda Ash	Gelex	TOTAL SOLIDS	DAILY BBLs
326	18	17,000	Lime	Tackle	0	0

ROTATING WT.	MAX. DRAG	Bar	Lime <th>DAILY DISPOSAL COSTS</th> <th>CUM BBLs</th> <th>0</th>	DAILY DISPOSAL COSTS	CUM BBLs	0
305	17,000	Pac-R	Alum Ster	0	0	0

SLACKOFF WT.	TQ. ON BTM	Alum Ster <th>Cost <th>DAILY LIQUIDS</th> <th>TOTAL LIQUIDS</th> <th>0</th> </th>	Cost <th>DAILY LIQUIDS</th> <th>TOTAL LIQUIDS</th> <th>0</th>	DAILY LIQUIDS	TOTAL LIQUIDS	0
282	9,000			0	0	0

BHA HOURS	TQ. OFF BTM	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)
56	9,000	

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Ft MD/TVD	Lndg Ft MD/TVD
1	8.5" Uterra 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	13.25	434.25	Depth	Dev.	Azi.
1	Float Sub	4.00	3 Washing/Reaming	10.00	184.75	12,170	1.53	98
1	Float Sub	2.00	4 Lost Circulation	0.00	11.75	12,264	1.42	101
1	6.5" UBHO	4.00	5 Cond. Mud & Circ	0.00	147.50	12,359	1.35	95
1	6.75" NMDC	30.00	6 Tripping	0.00	620.00	12,453	1.39	91
1	6.75" NMDC	31.00	7 Lubricate Rig	0.50	19.75	12,548	1.44	89
18	6.5" DC's	546.00	8 Rig Repair	0.00	53.00	12,642	1.63	83
21	5" HWDP	636.00	9 Cut Drg Line	0.00	13.25	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	195.75	13,972	3.17	88
			23 Waiting-Orders/Equip	0.00	19.00			
			24 Drill Cmt / Shoe Test	0.00	7.75			
			25 Jet & Clean Pits	0.00	0.00			
			26 Regulatory	0.00	54.50			
			27 Other	0.25	113.75			
			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	2449.00			

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER
0.18	1287.00	S-135	6903.28	

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER
5	19.5	S-135	6845.72	

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

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Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

Motor RPS	BHA	LENGTH	GRADE	CELL PHONE NUMBER

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 & Intercams	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		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 + 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	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								

Morning Drilling Report

WELL NAME			AFE #	STATE WELL ID #	API #	OBJECTIVE			DATE			
INDEPENDENCE AGI #1				0	30-025-49081	DRILLING			Fri, April 9, 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	103						15,463	15,463	57	6	10

Current Operation:		TH @ 6,614'		Next 24 Hours:		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	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
Intermediate	9.625" L-80 47# BTC	0	13,235		8,681	8,525	6,870	5,740	1,086	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	TH, Drill 8 1/2" Production hole section.						
Barnet		2,799	3,279	4,139	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 SICP				
5.0	6.500	299.2363156	471	205	2.61					13,235		13.2	998				
GPS #1	LINER X STROKE		SPM #1	GPS #2	LINER X STROKE		SPM #2	GPS #3	LINER X STROKE		SPM #3	GPM	PUMPS				
3.52	5.5 12		82	3.52	5.5 12		82		5.5 12		577		5,300				
MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WFS	HHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT	
11.8	56.0	56.0	56.0	20.0	11.0	11.0	21.0	6.0	359968.0	0.0	1.0	15.4	2.4	0.0	0.0	0.0	
PH	PM	PF	MF	CHLORIDES	CALCIUM	OIL	WATER	O-W	LIME	ES	LCM						
				67000.00	0.00	59.50	22.00	73-27	2.85	530.00	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	
42	8 1/2	8 1/2	Halliburton	SR30R	13527167	20	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	
4/8/2021 2:15	4/8/2021 15:45	15379	15463	40.00	26.67	13.5	6.5	13	3	8	BT	G	2	1	NO	See DR Reason box	
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	
43	8 1/2	8 1/2	Baker	DS07TX	14	14	14	14	14	14	14	0	0	0	0	0.9020	
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	
0		2,292											
FUEL ON HAND		TOTAL FUEL USED		Gel		Mica		ABQ		DAILY SOLIDS		OWNER	
7,842		151,594								0			
PICKUP WT.		AVG. DRAG		Poly Plus		Quick Thix		PolyPac UI		TOTAL SOLIDS		DAILY BBLs	
4,326		15								0		0	
ROTATING WT.		MAX. DRAG		Caustic		Soda Ash		Gelex		DAILY DISPOSAL COSTS		CUM BBLs	
305		18								0		0	
SLACKOFF WT.		TQ. ON BITM		Bar		Lime		Tackle		DAILY LIQUIDS		TOTAL LIQUIDS	
282		17,000								0		0	
BHA HOURS		TQ. OFF BITM		Pac-R		Alum Ster		Cost		TOTAL LIQUIDS			
0		9,000								0			

HOURS		TIME CODE		CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)											
9.75	2: Drilling	Rotate w/ Bit #42 From 15406' to 15463' (6"/hr) w/ 40 WOB, 40 SURF MPD, 121.5 Motor RPM. Returns though MPD maintaining 13 ppg ECD with 11.7 ppg OBM. Decision to trip for bit based on ROP.													
0.50	6: Tripping	Trip out on elevators while maintaining 13.5 ppg through MPD from 15463 ft to 15335 ft, observe drill string floats starting to leak. Observe tight hole to 430k.													
3.25	3: Washing/Reaming	Backream out from 15335 ft to 9 5/8" shoe at 13233 ft with 505 gpm, 3879 psi, 40 rpm with 13k ft/lbs torque with 11.7 ppg OBM without issue through MPD maintaining 13 ppg ECD.													
0.50	22: Well Control	Flow check while removing RCD element and installing trip nipple, observe well static. Pump slug.													
4.50	6: Tripping	Continue TOH with 8 1/2" bit & motor assembly from 13233 ft to BHA.													
0.25	22: Well Control	Flow check at BHA, observe well static. conduct ISA prior to pull BHA.													
1.75	6: Tripping	Continue TOH with 8 1/2" bit and motor assembly BHA, break out bit and clean rig floor. M/U new bit and install new MWD tools													
3.50	6: Tripping	TH with 8 1/2" BHA @ 8614'. Filling pipe every 30 stands and monitoring displacement on trip tank. Hole giving proper displacement.													
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: MUD/RDMO	0.00	81.00										
1	7 1/8" 47.4.6 LEAK 400-750 GPM @ 15 REVS. 068 DRIF. 16052 TRO. 348 HP	33.02	2: Drilling	9.75	460.00	Depth	Dev.	Azi.	TVD	VS	DLS				
1	Float Sub Double bore	3.08	3: Washing/Reaming	3.25	203.00	12,170	1.53	98	12,165	-111.08	0.22				
1	6.5" UBHO	3.95	4: Lost Circulation	0.00	11.75	12,264	1.42	101	12,259	-112.99	0.14				
1	6.75" NMDC	30.19	5: Cond. Mud & Circ	0.00	149.25	12,359	1.35	95	12,354	-114.77	0.16				
1	6.75" NMDC	30.40	6: Tripping	10.25	664.75	12,453	1.39	91	12,448	-116.39	0.12				
17	6.5" DC's	515.38	7: Lubricate Rig	0.00	20.25	12,548	1.44	89	12,543	-117.99	0.06				
1	Float Sub Single bore	4.50	8: Rig Repair	0.00	53.00	12,642	1.63	83	12,637	-119.57	0.28				
21	HWDP 5"	635.77	9: Cut Drig Line	0.00	14.00	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 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	13,789	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	198.50	13,972	3.17	88	13,965	-159.27	0.34				
			23: Waiting Orders/Equip	0.00	19.00										
			24: Drill Cmt / Shoe Test	0.00	7.75										
			25: Jet & Clean Pits	0.00	0.00										
			26: Regulatory	0.00	54.50										
			27: Other	0.00	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	2545.00										

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 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	ETY 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	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	0.328	VACUUM TRUCK	Vac trucks to haul brine to location	Nova Trucking		1.0		No				
8500	0.328	VACUUM TRUCK	Vac trucks to haul brine to location	Nova Trucking		1.0		No				
8500	0.328	VACUUM TRUCK	Vac trucks to haul brine to location	Nova Trucking		1.0		No				
8500	0.066	DS CONTROL EQUIP / SERV	Shaker screens	Derrick Corporation		1.0		No				
8500												
8500												

Morning Drilling Report

WELL NAME	AFE #	STATE WELL ID #	API #	OBJECTIVE	DATE									
INDEPENDENCE AGI #1		0	30-025-42081	DRILLING	Tue, April 13, 2021									
DRILG CONTRACTOR	SPUD DATE	DAYS	Daily Cost	Cum Cost	AFE Cum Cost	Per 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/D bit TH									
Type	Casing Specs	Top TMD	Blm 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
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		Barnet	BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	LAST SHOE TVD				FRAC GRADIENT MW	MAX. ALLOWABLE SICP
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	30	30	30	30	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	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	HHP	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	W	LIME	ES	LCM						
				62000.00	0.00	59.20	19.20	0	4.53	5.40	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	
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 4:13	15463	15750	26.00	30.00	8.25	34.8	8.25	LH	LH	LH	LH	LH	LH	LH	Lost In Hole	
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	
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									

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		DAILY SOLIDS	OWNER
9,048	157,568		0	0
PICKUP WT.	AVG. DRAG		TOTAL SOLIDS	DAILY BBLs
340	15	Poly Plus	0	0
ROTATING WT.	MAX. DRAG		DAILY DISPOSAL COSTS	CUM BBLs
306	18	Caustic		0
SLACKOFF WT.	TQ. ON BTM		DAILY LIQUIDS	
285	17,000	Bar	0	
BHA HOURS	TQ OFF BTM		TOTAL LIQUIDS	
12	10,000	Pac-R	0	

HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)
7.00	6: Tripping	TH F/ Surface T/13,100'. Monitoring displacement on trip tank. Hole gaining 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 TH 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 gamma 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, 5413 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	VS	DLS	
1	Weatherford Concave Mill	1.73	1 MIRD/RDMO	0.00	81.00						
1	Bit sub with float	3.08	2 Drilling	0.00	468.25	Depth	Dev.	As	TVD		
1	6.75 NMDC	30.40	3 Washing/Reaming	10.25	233.25	12,170	1.53	98	12,165	-111.08	
17	6.5" DC	515.38	4 Lost Circulation	0.00	11.75	12,264	1.42	101	12,259	-112.99	
1	Float sub single	4.50	5 Cond. Mud & Circ	0.00	149.75	12,359	1.35	95	12,354	-114.77	
21	HWDP	635.77	6 Tripping	8.25	706.00	12,453	1.39	91	12,448	-116.39	
			7 Lubricate Rig	0.50	22.00	12,548	1.44	89	12,543	-117.99	
			8 Rig Repair	0.00	53.00	12,642	1.63	83	12,637	-119.57	
			9 Cut Drig Line	1.00	21.00	12,737	1.87	82	12,732	-121.26	
			10 Deviation Survey	0.00	0.50	12,831	2.11	85	12,826	-123.20	
			11 Wireline Logging	0.00	74.00	12,926	2.15	86	12,921	-125.40	
			12 Run Casing	0.00	94.50	13,020	2.28	84	13,015	-127.63	
			13 Cement Casing	0.00	48.25	13,115	2.60	82	13,110	-130.00	
			14 Wait On Cement	0.00	20.00	13,238	3.28	81	13,233	-133.59	
			15 NU BOP's	0.00	106.75	13,315	3.54	84	13,309	-136.27	
			16 Test BOP's	0.00	36.25	13,410	4.17	84	13,404	-140.14	
			17 Plug Back	0.00	0.00	13,504	2.55	94	13,498	-143.74	
			18 Squeeze Cmt	0.00	0.00	13,599	2.58	94	13,593	-146.85	
			19 Fishing	0.00	54.50	13,694	2.60	91	13,688	-149.92	
			20 Directional Work	0.00	42.75	13,783	3.12	81	13,777	-152.68	
			21 Weather	0.00	0.00	13,878	3.41	84	13,872	-155.85	
			22 Well Control	0.00	199.50	13,972	3.17	88	13,965	-159.27	
			23 Waiting-Orders/Equip	0.00	19.00						
			24 Drill Cmt / Shoe Test	0.00	7.75						
			25 Jet & Clean Pits	0.00	0.00						
			26 Regulatory	0.00	54.50						
			27 Other	1.00	117.75						
			28 Other	0.50	16.50						
			29 Other	2.50	2.50						
			30 Other	0.00	0.00						
			31 Other	0.00	0.00						
			TOTALS	24.00	2641.00						
Motor RPG	BHA	1190.86	25	Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN	CELL PHONE NUMBER			
DP ITEM	ID	#/FT	GRADE	LENGTH	26	Other	1.00	117.75	Steven Radder	CELL PHONE NUMBER	
219	5	19.5	S-135	6903.28	27	Other	0.50	16.50	AMEREDDEV PERSONELL		
					28	Other	2.50	2.50	DRILLING SUPERINTENDENT		
					29	Other	0.00	0.00	DRILLING ENGINEER		
					30	Other	0.00	0.00	DAY CONTROL ROOM SUP		
					31	Other	0.00	0.00	NIGHT CONTROL ROOM SUP		
									TOTALS		
									Planned VS		
									feet @ azimuth		
									DAY DRILLING FOREMAN		
									CELL PHONE NUMBER		
									NIGHT DRILLING FOREMAN		
									CELL PHONE NUMBER		
									AMEREDDEV PERSONELL		
									DRILLING SUPERINTENDENT		
									DRILLING ENGINEER		
									DAY CONTROL ROOM SUP		
									NIGHT CONTROL ROOM SUP		
									TOTALS		
									Planned VS		
									feet @ azimuth		
									DAY DRILLING FOREMAN		
									CELL PHONE NUMBER		
									NIGHT DRILLING FOREMAN		
									CELL PHONE NUMBER		
									AMEREDDEV PERSONELL		
									DRILLING SUPERINTENDENT		
									DRILLING ENGINEER		
									DAY CONTROL ROOM SUP		
									NIGHT CONTROL ROOM SUP		

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	14x 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								

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE		
INDEPENDENCE AGI #1			[REDACTED]		0		30-025-49081		DRILLING			Sat, April 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	111									16,135	16,135	0	0	0

Current Operation:		Circulating bottoms up @ 8683' w/ coil tubing				Next 24 Hours:				Displace LCM pill out of DP w/ coil tubing				
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 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	3.52	5.5	12	82	82	577			3,900		

MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT
11.5	11.5	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	0	0	1	2	BT	M	E	I	WT	See Observation 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	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
		0	0	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0

FUEL DELIVERED	5,392	FUEL USED TODAY	946	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND	11,099	TOTAL FUEL USED	162,799	Gel	Mica	ABQ	DAILY SOLIDS				OWNER				

PICKUP WT.	340	AVG. DRAG	15	Poly Plus	Quick Thix	PolyPac UI	DAILY SOLIDS				DAILY BBLs			
ROTATING WT.	306	MAX. DRAG	18	Causitic	Soda Ash	Gelex	DAILY DISPOSAL COSTS				CUM BBLs			

SLACKOFF WT.	285	TQ. ON BITM	17,000	Bar	Lime	Tackle	DAILY LIQUIDS				0			
BHA HOURS	12	TQ. OFF BITM	10,000	Pac-R	Alum Ster	Cost	TOTAL LIQUIDS				0			

HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)													
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0.25	27: Other	Safety Meeting/Crew Handover.
9.25	27: Other	Work Stuck Pipe from 220Klbs - 480Klbs
0.25	27: Other	RISM with Stealth to Rig up Coil Tubing Unit.
2.25	27: Other	Rig Up coil Tubing Unit.
0.25	27: Other	Safety Meeting/Crew Handover.
1.25	27: Other	Continue Rigging up Coil Tubing. Pressure Test Lines to 2000 psi for 10 Mins.
4.50	27: Other	Pumps lost prime when pumping OBM. Go through pumps and clean out all lines. Pumped through with diesel and primed pumps.
1.00	27: Other	Displace Water out of Tubing with Diesel.
0.50	27: Other	Pumps lost Prime as soon as we went to OBM. Decision made to run Tubing in the hole and Displce with Diesel.
1.50	27: Other	Run Coil Tubing in @ 60'/Min pumping .5bbls/Min to 2700'
0.25	27: Other	Safety Meeting/Crew Handover.
2.75	27: Other	Run Coil Tubing in @ 60'/Min pumping .5 -.75bbls/Min to 7863' slow to 30fpm from 7863' to 8633', slowed to 5 fpm from 8633 - 8683' slowed to 1-2 fpm from 8683' - 8703', wash back up to 8683' circulate bottoms up.

24.00	No Accidents, Spills or Inspections to report													
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QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD	
1	8.5" Utterra U713M Bit	1.00	1: M/RU/RDMG	0.00	81.00	Depth	Dev.	Azi.	TVD	VS	DLS
1	7 1/4" Leam 7/8 8.5 FBH 1.75 True Slick	36.40	2: Drilling	0.00	485.25	12,170	1.53	98	12,165	-111.08	0.22
1	Float Sub Double Bored	3.08	3: Washing/Reaming	0.00	243.50	12,264	1.42	101	12,259	-112.99	0.14
1	6 3/4" UBHO NM	3.95	4: Lost Circulation	0.00	13.75	12,359	1.35	95	12,354	-114.77	0.16
1	6 3/4" NMDC	30.19	5: Cond. Mud & Circ	0.00	157.50	12,453	1.39	91	12,448	-116.39	0.12
1	6 3/4" NMDC	30.40	6: Tripping	0.00	730.00	12,548	1.44	89	12,543	-117.99	0.06
17	6.5" Drill Collars	515.38	7: Lubricate Rig	0.00	22.50	12,642	1.63	83	12,637	-119.57	0.28
24	5" HWDP	726.16	8: Rig Repair	0.00	53.00	12,737	1.87	82	12,732	-121.26	0.25
			9: Cut Drig Line	0.00	21.75	12,831	2.11	85	12,826	-123.20	0.27
			10: Deviation Survey	0.00	0.50	12,926	2.15	86	12,921	-125.40	0.07
			11: Wireline Logging	0.00	74.00	13,020	2.28	84	13,015	-127.63	0.17
			12: Run Casing	0.00	94.50	13,115	2.60	82	13,110	-130.00	0.34
			13: Cement Casing	0.00	48.25	13,238	3.28	81	13,233	-133.59	0.55
			14: Wait On Cement	0.00	20.00	13,315	3.54	84	13,309	-136.27	0.40
			15: NU BOP's	0.00	106.75	13,410	4.17	84	13,404	-140.14	0.66
			16: Test BOP's	0.00	36.25	13,504	2.55	94	13,498	-143.74	1.81
			17: Plug Back	0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04
			18: Squeeze Cmt	0.00	0.00	13,694	2.60	91	13,688	-149.92	0.14
			19: Fishing	0.00	54.50	13,783	3.12	81	13,777	-152.68	0.82
			20: Directional Work	0.00	44.25	13,878	3.41	84	13,872	-155.85	0.37
			21: Weather	0.00	0.00	13,972	3.17	88	13,965	-159.27	0.34
			22: Well Control	0.00	200.50						
			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		[REDACTED]			
			26: Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN		CELL PHONE NUMBER			
			27: Other	24.00	149.00	Chris Pratt		[REDACTED]			
			28: Other	0.00	16.50	AMEREDEV 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		Ted Cheatwood			
			TOTALS	24.00	2737.00	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 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	ETY 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	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	0.032	DIRECTIONAL DRILLING	Directional Motor	Leam		1.0		No
8500	0.068	D / FLUIDS DISPOSAL CHAR	Haul Fluid to Disposal	TechWater		1.0		No
8500	0.06	D, ADDITIVES, AND CHEM	Deliver OBM to the Rig	TechWater		1.0		No
8500	0.032	DIRECTIONAL DRILLING	directional Motor	Scout Downhole Inc		1.0		No
8500	0.06	D, ADDITIVES, AND CHEM	Deliver Brine to the Rig	R&M Trucking and Backhoe		1.0		No
8500	0.068	D / FLUIDS DISPOSAL CHAR	Clean out Frac Tanks	R&M Trucking and Backhoe		1.0		No
8500								
8500								
8500								
8500								

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE		
INDEPENDENCE AGI #1			[REDACTED]		0		30-025-49081		DRILLING			Mon, April 19, 2021		
DRLG CONTRACTOR	SPUD DATE	DAYS	Daily Cost	Cum Cost	AFE Cum Cost	Perf of AFE Spent	MD	TVD	DAILY FT	FT/HR	ROT HRS			
	12/27/2020	113	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	16,135	16,135	0	0	0			

Current Operation: Running with perf gun Next 24 Hours: perf pipe establish circ, work pipe free

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		12,219	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	0.073 bbls/ft	963.00000		/	12 1/4

FORMATION Baret BGG 2,799 CG 3,279 TG 4,139 #1 STKS 90 #1 CHK PSI 30 #1 STKS 30 #1 CHK PSI 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	3.52	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	HHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT
11.5	11.5	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	2	BT	M	E	I	WT	See Observation 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	16	16	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	0	0	0	0	0	0	0	0	0	

FUEL DELIVERED	FUEL USED TODAY	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL		FRESH WATER
0	603							

FUEL ON HAND	TOTAL FUEL USED	Gel	Mica	ABQ	DAILY SOLIDS		OWNER
9,893	164,005				0		

PICKUP WT.	AVG. DRAG	Poly Plus	Quick Thix	PolyPac UI	TOTAL SOLIDS		DAILY BBLs
340	15				0		0

ROTATING WT.	MAX. DRAG	Caustic	Soda Ash	Gelex	DAILY DISPOSAL COSTS		CUM BBLs
306	18				0		0

SLACKOFF WT.	TQ. ON BTM	Bar	Lime	Tackle	DAILY LIQUIDS		0
285	17,000				0		0

BHA HOURS	TQ. OFF BTM	Pac-R	Alum Slur	Cost	TOTAL LIQUIDS		0
12	10,000				0		0

HOURS TIME CODE CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)

3.00	27: Other	Rig down Coil tubing unit
6.00	27: Other	Work Stuck pipe
6.00	11: Wireline Logging	Rig up and Run Stuck Pipe Logs down to 15,950'. Make main pass back up to 13,100'. Lay down Stuck pipe tools.
4.00	11: Wireline Logging	Pick up Free point and Shots and run in the to 14,533' (tool joint free), 14,565' (Stuck Tool Joint).
1.00	11: Wireline Logging	Decision made to come out and pick up Perf Gun to Perf DP.
4.00	11: Wireline Logging	Pull Free Point out of the hole to pick up Perf Gun.

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 U713M Bit	1.00	1: MURJ/RDMQ	0.00	81.00			
1	7 1/4" Leam 7/8 8.5 FBH 1.75 True Slick	36.40	2: Drilling	0.00	485.25	Depth	Dev	Azi
1	Float Sub Double Bored	3.08	3: Washing/Reaming	0.00	243.50	12,170	1.53	98
1	6 3/4" UBHO NM	3.95	4: Lost Circulation	0.00	13.75	12,264	1.42	101
1	6 3/4" NMDC	30.19	5: Cond. Mud & Circ	0.00	157.50	12,359	1.35	95
1	6 3/4" NMDC	30.40	6: Tripping	0.00	730.00	12,453	1.39	91
17	6.5" Drill Collars	515.38	7: Lubricate Rig	0.00	22.50	12,548	1.44	89
24	5" HWDP	726.16	8: Rig Repair	0.00	53.00	12,642	1.63	83
			9: Cut Drig Line	0.00	21.75	12,737	1.87	82
			10: Deviation Survey	0.00	0.50	12,831	2.11	85
			11: Wireline Logging	15.00	89.00	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	44.25	13,783	3.12	81
			21: Weather	0.00	0.00	13,878	3.41	84
			22: Well Control	0.00	200.50	13,972	3.17	88
			23: Waiting-Orders/Equip	0.00	19.00			
			24: Drill Cmt / Shoe Test	0.00	7.75			
	Motor RPG	0.32	25: Jet & Clean Pits	0.00	0.00			
	BHA	1346.56	26: Regulatory	0.00	54.50			
			27: Other	9.00	182.00			
			28: Other	0.00	16.50			
			29: Other	0.00	2.50			
			30: Other	0.00	0.00			
			31: Other	0.00	0.00			
	Total Depth	16135.00	TOTALS	24.00	2785.00			

Planned VS = feet @ azimuth

Day Drilling Foreman	Cell Phone Number
Steven Ridder	[REDACTED]

Night Drilling Foreman	Cell Phone Number
Chris Pratt	[REDACTED]

AMEREDVE PERSONNEL

DRILLING SUPERINTENDENT	IT Wilkerson

DRILLING ENGINEER	John Zabaldano

DAY CONTROL ROOM SUP	Ted Cheatwood

NIGHT CONTROL ROOM SUP	Hesston Cheatwood

DRILLING SUPERINTENDENT	IT Wilkerson

DRILLING ENGINEER	John Zabaldano

DAY CONTROL ROOM SUP	Ted Cheatwood

NIGHT CONTROL ROOM SUP	Hesston Cheatwood

DRILLING SUPERINTENDENT	IT Wilkerson

DRILLING ENGINEER	John Zabaldano

DAY CONTROL ROOM SUP	Ted Cheatwood

NIGHT CONTROL ROOM SUP	Hesston Cheatwood

DRILLING SUPERINTENDENT	IT Wilkerson

DRILLING ENGINEER	John Zabaldano

DAY CONTROL ROOM SUP	Ted Cheatwood

NIGHT CONTROL ROOM SUP	Hesston Cheatwood

DRILLING SUPERINTENDENT	IT Wilkerson

DRILLING ENGINEER	John Zabaldano

DAY CONTROL ROOM SUP	Ted Cheatwood

NIGHT CONTROL ROOM SUP	Hesston Cheatwood

DRILLING SUPERINTENDENT	IT Wilkerson

DRILLING ENGINEER	John Zabaldano

DAY CONTROL ROOM SUP	Ted Cheatwood

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 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	ETY 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 / SERVI	Rotating Head & MPD	Opla		1.0		Yes

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE		
INDEPENDENCE AGI #1			[REDACTED]		0		30-025-49081		DRILLING			Thu, April 22, 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	116		[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]	16,135	16,135	0	0	0

Current Operation: Working on iron rough neck. Next 24 Hours: Make clean out run to top of 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	0.073 bbls/ft	963.00000	/	/	12 1/4

FORMATION: Baret. BGG 2,799. CG 3,279. TG 4,139. #1 STKS 90. #1 CHK PSI 30. #1 STKS 30. #1 CHK PSI 30. #1 STKS 30. #1 CHK PSI 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	[REDACTED]			[REDACTED]			13,235		13.2	1,170

GPS #1	LINEAR X STROKE	SPM #1	GPS #2	LINEAR X STROKE	SPM #2	GPS #3	LINEAR X STROKE	SPM #3	GPM	PUMPS		PUMP PRESSURE	
3.52	5.5	12	82	3.52	5.5	12	82	3.52	577			3,900	

MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HHP	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	MFR	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	0.00		0								

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
47		8 1/2	Utterra	U713M	54899	16	16	16	16	16	16	16	16	16	16	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	
0	0								

FUEL ON HAND	TOTAL FUEL USED	165 694	Gel	Mica	ABQ	DAILY SOLIDS		0	OWNER
8,204	165 694								

PICKUP WT.	AVG. DRAG	15	Poly Plus	Quick Thix	PolyPac UI	TOTAL SOLIDS		0	DAILY BBLs	0
340	15									

ROTATING WT.	MAX. DRAG	18	Causitic	Soda Ash	Gelex	DAILY DISPOSAL COSTS		0	CUM BBLs	0
306	18									

SLACKOFF WT.	TQ. ON BIT	17,000	Bar	Lime	Tackle	DAILY LIQUIDS		0		
285	17,000									

BHA HOURS	TQ. OFF BIT	10,000	Pac-R	Alum Ster	Cost	TOTAL LIQUIDS		0		
12	10,000									

HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)									
0.75	11: Wireline Logging	Come out of the hole with wireline Free point tool.									

4.75	11: Wireline Logging	Pick up Gamma and Gun Barrel, Run in the hole to 14,569' and Perforate Drill Pipe. Pull logging tools out of the hole.									
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0.50	5: Cond. Mud & Circ	Break Circulation. Lay out Side Entry Sub									
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5.00	5: Cond. Mud & Circ	Circulate through perfs dropping plugs to open up lower perf holes while working stuck pipe.									
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0.50	5: Cond. Mud & Circ	At Free point weight we kicked in rotary, while letting torque out string broke free and was rotating pipe and circulating, while working pipe up and letting torque fall off we lost 40k of the hook load, 13k torque and 300 psi.									
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4.75	3: Washing/Reaming	Pump out of the hole back up in the casing.									
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1.50	5: Cond. Mud & Circ	Circulate 1.1 Bottoms up. Start Slipping and Cutting drilling line.									
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0.50	9 Cut Drig Line	Finish Cutting Drilling line.									
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0.25	5 Cond. Mud & Circ	Pump 15 bbl slug.									
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0.50	22: Well Control	Remove Rotating head and install Trip Nipple.									
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5.00	6: Tripping	Trip out of the hole.									
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24.00	No Accidents, Spills or Inspections to report									
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QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD		Pen Pt MD/TVD		Lndg Pt MD/TVD	
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1	8.5" Utterra U713M Bit	1.00	1: MIRR/RDMO	0.00	81.00						
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1	71/4" Leam 7/8 8.5 FBH 1.75 True Stick	36.40	2: Drilling	0.00	485.25	Depth	Dev.	Azi.	TVD	VS	DLS
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1	Float Sub Double Bored	3.08	3: Washing/Reaming	4.75	248.25	12,170	1.53	98	12,165	-111.08	0.22
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1	6 3/4" UBHO NM	3.95	4: Lost Circulation	0.00	13.75	12,264	1.42	101	12,259	-112.99	0.14
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1	6 3/4" NMDC	30.19	5: Cond. Mud & Circ	7.75	194.75	12,359	1.35	95	12,354	-114.77	0.16
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1	6 3/4" NMDC	30.40	6: Tripping	5.00	735.00	12,453	1.39	91	12,448	-116.39	0.12
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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
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24	5" HWDP	726.16	8: Rig Repair	0.00	53.00	12,642	1.63	83	12,637	-119.57	0.28
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			9: Cut Drig Line	0.50	22.25	12,737	1.87	82	12,732	-121.26	0.25
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			10: Deviation Survey	0.00	0.50	12,831	2.11	85	12,826	-123.20	0.27
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			11: Wireline Logging	5.50	111.50	12,926	2.15	86	12,921	-125.40	0.07
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			12: Run Casing	0.00	94.50	13,020	2.28	84	13,015	-127.63	0.17
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			13: Cement Casing	0.00	48.25	13,115	2.60	82	13,110	-130.00	0.34
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			14: Wait On Cement	0.00	20.00	13,238	3.28	81	13,233	-133.59	0.55
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			15: NU BOP's	0.00	106.75	13,315	3.54	84	13,309	-136.27	0.40
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			16: Test BOP's	0.00	36.25	13,410	4.17	84	13,404	-140.14	0.66
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			17: Plug Back	0.00	0.00	13,504	2.55	94	13,498	-143.74	-1.81
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			18: Squeeze Cmt	0.00	0.00	13,599	2.58	94	13,593	-146.85	0.04
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			19: Fishing	0.00	54.50	13,694	2.60	91	13,688	-149.92	0.14
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			20: Directional Work	0.00	44.25	13,783	3.12	81	13,777	-152.68	0.82
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			21: Weather	0.00	0.00	13,878	3.41	84	13,872	-155.85	0.37
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			22: Well Control	0.50	202.50	13,972	3.17	88	13,965	-159.27	0.34
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			23: Waiting-Orders/Equip	0.00	19.00						
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			24: Drill Cmt / Shoe Test	0.00	7.75						
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			25: Jet & Clean Pits	0.00	0.00						
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			26: Regulatory	0.00	54.50						
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			27: Other	0.00	182.00						
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			28: Other	0.00	16.50						
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			29: Other	0.00	2.50						
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			30: Other	0.00	0.00						
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			31: Other	0.00	0.00						
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			TOTALS	24.00	2857.00						
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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	H				

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE		
INDEPENDENCE AGI #1			[REDACTED]		0		30-025-49081		DRILLING			Sat, April 24, 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	118	[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]	16,135	16,135	0	0	0

Current Operation: Washing Down to TOF @ 14631' Next 24 Hours: Wash Down to TOF, 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	0.073 bbls/ft	963.00000	/	/	12 1/4

FORMATION Baret BGG 2,799 CG 3,279 TG 4,139 #1 STKS 90 #1 CHK PSI 30 #1 STKS 30 #1 CHK PSI 30 #1 STKS 30 #1 CHK PSI 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	HHP	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	20	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	0	1	2	BT	M	E	I	WT	See Observation 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	16	16	16	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	0	0	1	2	BT	M	E	I	WT	See Observation Log

FUEL DELIVERED	6,290	FUEL USED TODAY	861	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND	11,823	TOTAL FUEL USED	168,365	Gel	Mica	ABQ	DAILY SOLIDS				OWNER				

PICKUP WT.	340	AVG. DRAG	15	Poly Plus	Quick Thix	PolyPac UI	TOTAL SOLIDS				DAILY BBLs			
306	306	MAX. DRAG	18	Causitic	Soda Ash	Gelex	DAILY DISPOSAL COSTS				CUM BBLs			

ROTATING WT.	285	TQ. ON BITM	17,000	Bar	Lime	Tackle	DAILY LIQUIDS				TOTAL LIQUIDS			
285	285	TQ. OFF BITM	10,000	Pac-R	Alum Ster	Cost	0				0			

BHA HOURS 12 CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)

0.25	27: Other	Safety Meeting/Crew Handover.
7.50	6: Tripping	Trip in the hole with Fishing Tools to 13,225'.
0.50	22: Well Control	Install Rotating Head.
3.75	3: Washing/Reaming	Wash down form 13,225' to 14,441' @ 150 gpm.
0.25	27: Other	Safety Meeting/Crew Handover.
11.75	3: Washing/Reaming	Wash down form 14,441' to 14631' @ 150 gpm.

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 U713M Bit	1.00	1: MURJ/RDMQ	0.00	81.00			
1	7 1/4" Leam 7/8 8.5 FBH 1.75 True Slick	36.40	2: Drilling	0.00	485.25	Depth	Dev	Azi.
1	Float Sub Double Bored	3.08	3: Washing/Reaming	15.50	272.50	12,170	1.53	98
1	6 3/4" UBHO NM	3.95	4: Lost Circulation	0.00	13.75	12,264	1.42	101
1	6 3/4" NMDC	30.19	5: Cond. Mud & Circ	0.00	194.75	12,359	1.35	95
1	6 3/4" NMDC	30.40	6: Tripping	7.50	754.50	12,453	1.39	91
17	6.5" Drill Collars	515.38	7: Lubricate Rig	0.00	23.00	12,548	1.44	89
24	5" HWDP	726.16	8: Rig Repair	0.00	53.75	12,642	1.63	83
			9: Cut Drig Line	0.00	22.25	12,737	1.87	82
			10: Deviation Survey	0.00	0.50	12,831	2.11	85
			11: Wireline Logging	0.00	111.50	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	55.00	13,694	2.60	91
			20: Directional Work	0.00	44.25	13,783	3.12	81
			21: Weather	0.00	0.00	13,878	3.41	84
			22: Well Control	0.50	204.00	13,972	3.17	88
			23: Waiting-Orders/Equip	0.00	19.00			
			24: Drill Cmt / Shoe Test	0.00	7.75			
			25: Jet & Clean Pits	0.00	0.00			
			26: Regulatory	0.00	54.50			
			27: Other	0.50	183.00			
			28: Other	0.00	16.50			
			29: Other	0.00	2.50			
			30: Other	0.00	0.00			
			31: Other	0.00	0.00			
			TOTALS	24.00	2905.00			

Planned VS = feet @ azimuth

Motor RPG	0.32	BHA	1346.56	25: Jet & Clean Pits	0.00	0.00	DAY DRILLING FOREMAN	CELL PHONE NUMBER
462	DP	5	19.5	S-135	14560.88	26: Regulatory	0.00	54.50
						27: Other	0.50	183.00
						28: Other	0.00	16.50
						29: Other	0.00	2.50
						30: Other	0.00	0.00
						31: Other	0.00	0.00
						TOTALS	24.00	2905.00

AMEREDVE PERSONNEL

							DRILLING SUPERINTENDENT	JT Wilkerson
							DRILLING ENGINEER	John Zabaldano
							DAY CONTROL ROOM SUP	Ted Cheatwood
							NIGHT CONTROL ROOM SUP	Hesston Cheatwood

DRILLING SUPERINTENDENT JT Wilkerson

DRILLING ENGINEER John Zabaldano

DAY CONTROL ROOM SUP Ted Cheatwood

NIGHT CONTROL ROOM SUP Hesston Cheatwood

Cell Phone Numbers: Steven Ridder, Chris Pratt

AMEREDVE PERSONNEL

DRILLING SUPERINTENDENT JT Wilkerson

DRILLING ENGINEER John Zabaldano

DAY CONTROL ROOM SUP Ted Cheatwood

NIGHT CONTROL ROOM SUP Hesston Cheatwood

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NIGHT CONTROL ROOM SUP Hesston Cheatwood

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AMEREDVE PERSONNEL

DRILLING SUPERINTENDENT JT Wilkerson

DRILLING ENGINEER John Zabaldano

DAY CONTROL ROOM SUP Ted Cheatwood

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 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	ETY AND EMERGENCY RESPK	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 / SERVI	Rotating Head & MPD	Opla		1.0		Yes
8500	0.06	D, ADDITIVES, AND CHEMIS	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							\$ -	
8500							\$ -	
8500							\$ -	
8500							\$ -	
8								

Morning Drilling Report

WELL NAME			AFE #	STATE WELL ID #	API #	OBJECTIVE			DATE		
INDEPENDENCE AGI #1				0	30-025-49081	DRILLING			Sun, April 25, 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	119						16,135	16,135	0	0

Current Operation: Washing Down to TOF with Mill @ 15 FPM Next 24 Hours: Wash Down to TOF, Dress off 5' of fish, clean hole, TOOH for fishing tools

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	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	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	LINEAR X STROKE	SPM #1	GPS #2	LINEAR X STROKE	SPM #2	GPS #3	LINEAR X STROKE	SPM #3	GPM	PUMPS			PUMP PRESSURE		
3.52	5.5	12	82	3.52	5.5	12	82	3.52	577				3,900		

MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel - 10 Sec	Gel - 10 Min	FILTRATE	WPS	HHP	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	0.00		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	Ultrerra	U713M	54899	16	16	16	16	16	16	16	16	16	16	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	0.00		0	0	0	0	0	0	0	0	0

FUEL DELIVERED	FUEL USED TODAY	MUD ADDITIVES IN LAST 24 HOURS			SOIL FARMING / MUD DISPOSAL			FRESH WATER			
FUEL ON HAND	10,979	TOTAL FUEL USED	169,209	Gel	Mica	ABQ	DAILY SOLIDS			0	OWNER

PICKUP WT.	AVG. DRAG	Poly Plus	Quick Thix	PolyPac UI	TOTAL SOLIDS			DAILY BBLs		
340	15				0			0		

ROTATING WT.	MAX. DRAG	Causitic	Soda Ash	Gelex	DAILY DISPOSAL COSTS			CUM BBLs		
306	18				0			0		

SLACKOFF WT.	TQ. ON BITM	Bar	Lime	Tackle	DAILY LIQUIDS			TOTAL LIQUIDS		
285	17,000				0			0		

BHA HOURS	TQ. OFF BITM	Pac-R	Alum Ster	Cost	TOTAL LIQUIDS			TOTAL LIQUIDS		
12	10,000				0			0		

HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)									
0.25	27: Other	Safety Meeting/Crew Handover.									
5.00	3: Washing/Reaming	Wash down to 14,643' @ 150 gpm. Unable to wash down to the fish.									
2.50	3: Washing/Reaming	Back ream out of the hole to 13,184'.									
1.00	9: Cut Drlg Line	Slip and Cut Drilling Line.									
0.50	6: Tripping	Remove Rotating Head, Install Trip Nipple.									
2.75	6: Tripping	Trip out of the hole to 6,348'.									
0.25	27: Other	Safety Meeting/Crew Handover.									
2.75	6: Tripping	Trip out of the hole and lay down Fishing Tools.									
0.50	7: Lubricate Rig	Rig Service.									
1.50	6: Tripping	Make up Mill Assm. Pick up 9 collars off of Catwalk.									
6.00	6: Tripping	Trip in the hole to 13,200'									
1.00	3: Washing/Reaming	Wash Down from 13233' 15' per min @ 400 gpm to 13799'									

QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD
1	8.5" Ultrerra U713M Ba	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	0.00	485.25	Depth	Dev.	Azi.
1	Float Sub Double Bored	3.08	3: Washing/Reaming	8.50	281.00	12,170	1.53	98
1	6 3/4" UBHO NM	3.95	4: Lost Circulation	0.00	13.75	12,264	1.42	101
1	6 3/4" NMDC	30.19	5: Cond. Mud & Circ	0.00	194.75	12,359	1.35	95
1	6 3/4" NMDC	30.40	6: Tripping	13.50	768.00	12,453	1.39	91
17	6.5" Drill Collars	515.38	7: Lubricate Rig	0.50	23.50	12,548	1.44	89
24	5" HWDP	726.16	8: Rig Repair	0.00	53.75	12,642	1.63	83
			9: Cut Drlg Line	1.00	23.25	12,737	1.87	82
			10: Deviation Survey	0.00	0.50	12,831	2.11	85
			11: Wireline Logging	0.00	111.50	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	55.00	13,694	2.60	91
			20: Directional Work	0.00	44.25	13,783	3.12	81
			21: Weather	0.00	0.00	13,878	3.41	84
			22: Well Control	0.00	204.00	13,972	3.17	88
			23: Waiting-Orders/Equip	0.00	19.00			
			24: Drill Cmt / Shoe Test	0.00	7.75			
			25: Jet & Clean Pits	0.00	0.00			

Motor RFG	0.32	BHA	1346.56	26: Regulatory	0.00	54.50	Planned VS =	DAY DRILLING FOREMAN	CELL PHONE NUMBER
462	DP	5	19.5	5-135	14560.88	183.50	feet @	David Pope	
				27: Other	0.50	16.50		NIGHT DRILLING FOREMAN	
				28: Other	0.00	0.00		Marcus Jenkins	
				29: Other	0.00	2.50		AMEREDVE PERSONELL	
				30: Other	0.00	0.00		DRILLING SUPERINTENDENT	JT Wilkerson
				31: Other	0.00	0.00		DRILLING ENGINEER	John Zabaldano
								DAY CONTROL ROOM SUP	Ted Cheatwood
								NIGHT CONTROL ROOM SUP	Hesston Cheatwood

Motor RFG	0.32	BHA	1346.56	26: Regulatory	0.00	54.50	Planned VS =	DAY DRILLING FOREMAN	CELL PHONE NUMBER
462	DP	5	19.5	5-135	14560.88	183.50	feet @	David Pope	
				27: Other	0.50	16.50		NIGHT DRILLING FOREMAN	
				28: Other	0.00	0.00		Marcus Jenkins	
				29: Other	0.00	2.50		AMEREDVE PERSONELL	
				30: Other	0.00	0.00		DRILLING SUPERINTENDENT	JT Wilkerson
				31: Other	0.00	0.00		DRILLING ENGINEER	John Zabaldano
								DAY CONTROL ROOM SUP	Ted Cheatwood
								NIGHT CONTROL ROOM SUP	Hesston Cheatwood

Motor RFG	0.32	BHA	1346.56	26: Regulatory	0.00	54.50	Planned VS =	DAY DRILLING FOREMAN	CELL PHONE NUMBER
462	DP	5	19.5	5-135	14560.88	183.50	feet @	David Pope	
				27: Other	0.50	16.50		NIGHT DRILLING FOREMAN	
				28: Other	0.00	0.00		Marcus Jenkins	
				29: Other	0.00	2.50		AMEREDVE PERSONELL	
				30: Other	0.00	0.00		DRILLING SUPERINTENDENT	JT Wilkerson
				31: Other	0.00	0.00		DRILLING ENGINEER	John Zabaldano
								DAY CONTROL ROOM SUP	Ted Cheatwood
								NIGHT CONTROL ROOM SUP	Hesston Cheatwood

Motor RFG	0.32	BHA	1346.56	26: Regulatory	0.00	54.50	Planned VS =	DAY DRILLING FOREMAN	CELL PHONE NUMBER
462	DP	5	19.5	5-135	14560.88	183.50	feet @	David Pope	
				27: Other	0.50	16.50		NIGHT DRILLING FOREMAN	
				28: Other	0.00	0.00		Marcus Jenkins	
				29: Other	0.00	2.50		AMEREDVE PERSONELL	
				30: Other	0.00	0.00		DRILLING SUPERINTENDENT	JT Wilkerson
				31: Other	0.00	0.00		DRILLING ENGINEER	John Zabaldano
								DAY CONTROL ROOM SUP	Ted Cheatwood
								NIGHT CONTROL ROOM SUP	Hesston Cheatwood

Motor RFG	0.32	BHA	1346.56	26: Regulatory	0.00	54.50	Planned VS =	DAY DRILLING FOREMAN	CELL PHONE NUMBER
462	DP	5	19.5	5-135	14560.88	183.50	feet @	David Pope	
				27: Other	0.50	16.50		NIGHT DRILLING FOREMAN	
				28: Other	0.00	0.00		Marcus Jenkins	
				29: Other	0.00	2.50		AMEREDVE PERSONELL	
				30: Other	0.00	0.00		DRILLING SUPERINTENDENT	JT Wilkerson
				31: Other	0.00	0.00		DRILLING ENGINEER	John Zabaldano
								DAY CONTROL ROOM SUP	Ted Cheatwood
								NIGHT CONTROL ROOM SUP	Hesston Cheatwood

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE			
INDEPENDENCE AGI #1					0		30-025-49081		DRILLING			Tue, May 11, 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	135						16,185		16,185	25	50	1	

Current Operation:			Processing CBL for Approval				Next 24 Hours:				Trip in the hole and Drill 5 7/8" Production Hole.			
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"	16,129	16,129											8 1/2

FORMATION														
Barnet		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 SICF	
5.0	6.500	1050.976328	-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	3.52	5.5	12	58	5.5	12	408			3,457		

MW IN	MW OUT	VIS IN	VIS OUT	PV	YP	Gel-10 Sec	Gel-10 Min	FILTRATE	WPS	HHP	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	MFR	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	Taorex	HF 37	1814981	18	18	18	18	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	0	0	1	1	WT	A	I	1	WT	Casing Point

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
49		5 7/8	Reed	SLS30GKP	400656	18	18	18	18	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	6	5	BT	A	E	2	LT	Planned Trip

FUEL DELIVERED	3,220	FUEL USED TODAY	1,307	MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER			
FUEL ON HAND	7,359	TOTAL FUEL USED	183,762	Gel	Mica	ABQ	DAILY SOLIDS				OWNER				

PICKUP WT.	223	AVG. DRAG	0	Poly Plus	Quick Thix	PolyPac UI	TOTAL SOLIDS				DAILY BBLs			
ROTATING WT.	202	MAX. DRAG	0	Causitic	Soda Ash	Gelex	DAILY DISPOSAL COSTS				CUM BBLs			

SLACKOFF WT.	197	TQ. ON BTM	7,250	Bar	Lime	Tackle	DAILY LIQUIDS				TOTAL LIQUIDS			
BHA HOURS	0	TQ. OFF BTM	6,900	Pac-R	Alum Ster	Cost	TOTAL LIQUIDS				0			

HOURS																
TIME CODE																
CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)																

0.50	2: Drilling	Rotate w/ Bit #49 From 16160' to 16185' (50ft/hr) w/ 10 WOB, 40 Surf RPM, Motor RPM: 3400 psi with 12k ft/lbs torque with 8.4 water
2.75	5: Cond. Mud & Circ	Circulate hole clean, flow check & slug
6.00	6: Tripping	TDH with 5 7/8" bit and clean out assembly from 16185 ft to surface.
2.50	6: Tripping	L/D two stands 6 1/2" DCs, observe well static.
0.50	6: Tripping	Recover wear bushing, inspect and install wear bushing.
3.25	11: Wireline Logging	Rig up Schlumberger for CBL, install Pruitt lubricator adapter, and OilStates X/O to lubricator.
7.50	11: Wireline Logging	Schlumberger CBL with 150 psi. Make Main Pass from 16,120' to Surface @ 4,000 ft/hr.
1.00	11: Wireline Logging	Process CBL for Final Approval.

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	Insert bit	1.00	1: MIRU/RDMO	0.00	81.00			

1	Bit sub with float	2.79	2: Drilling	0.50	486.50	Depth	Dev	Azi	TVD	VS	DLS
3	4 7/8" DCs XT-39	92.97	3: Washing/Reaming	0.00	922.50	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	19.75	12,264	1.42	101	12,259	-112.99	0.14
			5: Cond. Mud & Circ	2.75	229.50	12,359	1.35	95	12,354	-114.77	0.16
			6: Tripping	9.00	873.75	12,453	1.39	91	12,448	-116.39	0.12
			7: Lubricate Rig	0.00	26.50	12,548	1.44	89	12,543	-117.99	0.06
			8: Rig Repair	0.00	55.00	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	11.75	173.00	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	-149.92	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						
			24: Drill Cmt / Shoe Test	0.00	19.50						
			25: Jet & Clean Pits	0.00	0.00						

Motor RPG	0	BHA	740.57	26: Regulatory	0.00	54.50	NIGHT DRILLING FOREMAN	CELL PHONE NUMBER
DP ITEM	OD	#/FT	GRADE	LENGTH	27: Other	0.00	210.75	Chris Pitts
					28: Other	0.00	16.50	AMEREDVE PERSONNEL
					29: Other	0.00	2.50	DRILLING SUPERINTENDENT
					30: Other	0.00	0.00	DRILLING ENGINEER
					31: Other	0.00	0.00	DAY CONTROL ROOM SUP
					TOTALS	24.00	3313.00	NIGHT CONTROL ROOM SUP
								Andy Susarchuk

Planned VS -	feet @	azimuth
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Day Drilling Foreman	Steven Ritter	Cell Phone Number
Night Drilling Foreman	Chris Pitts	Cell Phone Number

Drilling Superintendent	JT Wilkerson	
Drilling Engineer	John Zabaldano	
Day Control Room Sup	Chris Huff	
Night Control Room Sup	Andy Susarchuk	

Total Depth	16185.00	TOTALS	24.00	3313.00
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Cost Input																
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Cost Type	Charge	Code	Description	Vendor	Unit Cost	Quantity	Cost	Carry Over
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8500	0.094	SUPERVISION / CONTRACT	Stephen Ritter / Chris Pitts	Rusco Operating LLC		1.0		Yes
8500	0.094	SUPERVISION / CONTRACT	Chris Huff / Andy Susarchuk	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	ETY 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	0.06	D, ADDITIVES, AND CHEMIK	Mud additives & driveby mud check (WBM)	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 Reamer	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	0.03	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	0.048	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							\$	-
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Morning Drilling Report

WELL NAME			AFE #	STATE WELL ID #	API #	OBJECTIVE			DATE		
INDEPENDENCE AGI #1				0	30-025-49081	DRILLING			Wed, May 12, 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	136						16,358	16,358	173	16

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		12,219	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"	16,129	16,129											8 1/2

FORMATION																
Devonian																
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			#VALUE!	#VALUE!			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	42	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	HHP	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	MFR	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	SLS3DGKP	400656	18	18									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		0	0	0.00	0.00											Planned Trip
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
50																#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		FUEL USED TODAY		MUD ADDITIVES IN LAST 24 HOURS				SOIL FARMING / MUD DISPOSAL				FRESH WATER		
FUEL ON HAND	6,635	TOTAL FUEL USED	184,486									DAILY SOLIDS	0	OWNER
PICKUP WT.	223	AVG. DRAG	20,000	Poly Plus		Quick Thix						TOTAL SOLIDS	0	DAILY BBLs
ROTATING WT.	202	MAX. DRAG	21,000	Caustic		Soda Ash		Gelex				DAILY DISPOSAL COSTS		CUM BBLs
SLACKOFF WT.	197	TQ. ON BTM	7,250	Bar		Lime		Tackle				DAILY LIQUIDS	0	
BHA HOURS	11	TQ. OFF BTM	6,900	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	11: Wireline Logging	Process and Approve CBL													
1.75	11: Wireline Logging	Rig Down Wireline Equipment and Tools													
1.50	20: Directional Work	Pick up BHA & install MWD Tool.													
7.25	6: Tripping	TIH from BHA to 15568'													
1.00	9: Cut Drig Line	Slip and cut Drilling line 90'													
0.50	6: Tripping	Trip in hole from 15568' to 161435'													
0.50	20 Directional Work	Log Gamma from 16143' to 16185'													
11.00	2: Drilling	Rotate w/ bit #50 From 16185' to 16358' (16 1/2"/hr) w/ 14.5 WOB, 60 Surf RPM, 0 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: MIRU/RDMO	0.00	81.00						
			2: Drilling	11.00	497.50	Depth	Dev.	Azi.	TVD	YS	DLS
			3: Washing/Reaming	0.00	322.50	12,170	1.53	98	12,165	-111.08	0.22
			4: Lost Circulation	0.00	13.75	12,264	1.42	101	12,259	-112.99	0.14
			5: Cond. Mud & Circ	0.00	229.50	12,359	1.35	95	12,354	-114.77	0.16
			6: Tripping	7.75	881.50	12,453	1.39	91	12,448	-116.39	0.12
			7: Lubricate Rig	0.00	26.50	12,548	1.44	89	12,543	-117.99	0.06
			8: Rig Repair	0.00	55.00	12,642	1.63	83	12,637	-119.57	0.28
			9: Cut Drig Line	1.00	27.00	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	2.00	175.00	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	-149.92	0.14
			20: Directional Work	2.00	46.25	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						
			24: Drill Cmt / Shoe Test	0.00	19.50						
			25: Jet & Clean Pts	0.00	0.00						
			26: Regulatory	0.00	54.50						
			27: Other	0.25	211.00						
			28: Other	0.00	16.50						
			29: Other	0.00	2.50						
			30: Other	0.00	0.80						
			31: Other	0.00	0.00						
			TOTALS	24.00	3337.00						
			Motor RPG	0							
			BHA	0.00							
			Motor RPG	0							
			BHA	0.00							
			Motor RPG	0							
			BHA	0.00							
			Motor RPG	0							
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			BHA	0.00							
			Motor RPG	0							

Morning Drilling Report

WELL NAME			AFE #		STATE WELL ID #		API #		OBJECTIVE			DATE												
INDEPENDENCE AGI #1			[REDACTED]		0		30-025-49081		DRILLING			Thu, May 13, 2021												
DRLG CONTRACTOR			SPUD DATE		DAYS		Daily Cost		Cum Cost		AFC Cum Cost		Perct of AFE Spent		MD		TVD		DAILY FT		FT/HR		ROT HRS	
12/27/2020			137		[REDACTED]		[REDACTED]		[REDACTED]		[REDACTED]		16,488		16,316		130		19		7			

Current Operation: Drilling 5 7/8" Section Next 24 Hours: Yield Jnt Strength Capacity Displace DV Tool SKS Cmt Hole Size

Type	Casing Specs	Top TMD	Btm TMD	ID	Drift	Burst	Collapse	Yield	Jnt Strength	Capacity	Displace	DV Tool	SKS 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		12,219	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	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	195.561418	337	86	0.18	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	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	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	HHP	CAKE	SOLIDS	LGS	LIQUID	SAND	MBT
8.4	8.4	28.0	28.0						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
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	EVOS 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	0	0	0	0	0	0	0	

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	0	0	0	0	0	0	0	

FUEL DELIVERED	FUEL ON HAND	FUEL USED TODAY	TOTAL FUEL USED	1,086	185,572	185,572	185,572
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PICKUP WT.	223	AVG. DRAG	20,000	Poly Plus	Quick Thin	ABQ	PolyPac UI
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ROTATING WT.	202	MAX. DRAG	21,000	Causitic	Soda Ash	Gelex
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SLACKOFF WT.	197	TQ. ON BTM	7,250	Bar	Lime	Tackle
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BHA HOURS	2	TQ. OFF BTM	6,900	Pac-R	Alum Stone	Cost
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HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)									
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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

24.00	No Accidents, Spills or Inspections to report									
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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: MUR/RDMO	0.00	81.00			
#N/A	#N/A	#N/A	2: Drilling	7.00	504.50	Depth	Dev	Azi
#N/A	#N/A	#N/A	3: Washing/Reaming	0.75	323.25	14,490	4.04	285
#N/A	#N/A	#N/A	4: Lost Circulation	0.00	13.75	14,585	3.16	296
#N/A	#N/A	#N/A	5: Cond. Mud & Circ	0.00	229.50	14,680	2.64	307
#N/A	#N/A	#N/A	6: Tripping	14.25	895.75	14,774	1.98	316
#N/A	#N/A	#N/A	7: Lubricate Rie	0.00	26.50	14,869	1.10	305
#N/A	#N/A	#N/A	8: Rig Repair	0.00	55.00	14,964	0.97	223
#N/A	#N/A	#N/A	9: Cut Drlg Line	0.00	27.00	15,058	4.31	194
#N/A	#N/A	#N/A	10: Deviation Survey	0.00	0.50	15,153	4.97	198
#N/A	#N/A	#N/A	11: Wireline Logging	0.00	175.00	14,248	4.88	202
#N/A	#N/A	#N/A	12: Run Casing	0.00	133.25	15,375	3.91	185
#N/A	#N/A	#N/A	13: Cement Casing	0.00	57.25	15,474	4.00	186
#N/A	#N/A	#N/A	14: Wait On Cement	0.00	20.00	15,568	3.60	171
#N/A	#N/A	#N/A	15: NU BOP's	0.00	122.50	15,662	3.60	161
#N/A	#N/A	#N/A	16: Test BOP's	0.00	44.25	15,746	3.74	154
#N/A	#N/A	#N/A	17: Plug Back	0.00	0.00	15,840	4.00	131
#N/A	#N/A	#N/A	18: Squeeze Cmt	0.00	0.00	15,934	5.32	115
#N/A	#N/A	#N/A	19: Fishing	0.00	73.75	16,028	5.93	111
#N/A	#N/A	#N/A	20: Directional Work	2.00	48.25	16,060	3.96	120
#N/A	#N/A	#N/A	21: Weather	0.00	0.00	16,232	5.49	207
#N/A	#N/A	#N/A	22: Well Control	0.00	207.00	16,327	6.07	200
#N/A	#N/A	#N/A	23: Waiting-Orders/Equip	0.00	19.00			
#N/A	#N/A	#N/A	24: Drill Cmt / Shoe Test	0.00	19.50			
#N/A	#N/A	#N/A	25: Jet & Clean Pits	0.00	0.00			

27: Other	0.00	211.00						
28: Other	0.00	16.50						
29: Other	0.00	2.50						
30: Other	0.00	0.00						
31: Other	0.00	0.00						
TOTALS	24.00	3361.00						

Planned VS =	feet @	azimuth
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DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER

AMEREDVE PERSONELL	DRILLING SUPERINTENDENT	JT Wilkerson
DRILLING ENGINEER	John Zabaldano	
DAY CONTROL ROOM SUP	Hesston Cheatwood	
NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	#N/A	BHA	#N/A	25: Jet & Clean Pits <td>0.00</td> <td>0.00</td>	0.00	0.00
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DP ITEM	OD	#/FT	GRADE	LENGTH	26: Regulatory	0.00	54.50
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27: Other	0.00	211.00				
28: Other	0.00	16.50				
29: Other	0.00	2.50				
30: Other	0.00	0.00				
31: Other	0.00	0.00				
Total Depth	#N/A	16488.00				

Cost Input

Cost Type	Charge	Code	Description	Vendor	Uhr 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 & Igniter	Iron Horse Tools LLC		1.0		Yes
8500	0.124	ETY 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	0.06	D, ADDITIVES, AND CHEMIC	Mud additives & driveby mud check (WBM)	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						1.0		No
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	0.203	SHING & SIDETRACK SERVIC	Drilling Jars for Fishing	leatherford U.S. LP.(FDC49)		1.0		No
8500	0.032	DIRECTIONAL DRILLING	7 1/4" Motor Rental/Services SN# 7251XD-258	Learn		1.0		No
8500	0.032	DIRECTIONAL DRILLING	7 1/4" Motor Rental/Services SN# 7251XD-189	Learn		1.0		No
8500	0.028	DRILL BITS	5 7/8" Baker KMX323T	Baker Hughes Oilfield		1.0		No
8500	0.028	DRILL BITS	5 7/8" Varel EVOS 611	Varel		1.0		No

Morning Drilling Report

WELL NAME			AFE #	STATE WELL ID #	API #	OBJECTIVE			DATE		
INDEPENDENCE AGI #1				0	30-025-49081	DRILLING			Sun, May 16, 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	140						17,265	17,265	500	23

Current Operation: Drilling 5 7/8" Section Next 24 Hours: Continue Drilling 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		12,219	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		6,004	6,000	11,440	13,000	140,000	125,000	0.03600	0,04780	13,508	8 1/2

FORMATION Devonian

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	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	HHP	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
52	0	5 7/8	Hughes	J55	EL385	20	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	JD	A	F	0.0625	WT	See Other Reason
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
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	5/16/2021 6:00	16765	17265	35.50	63.33	23.5	285.7	1.75								

FUEL DELIVERED FUEL USED TODAY 1,086 MUD ADDITIVES IN LAST 24 HOURS SOIL FARMING / MUD DISPOSAL FRESH WATER

FUEL ON HAND	QTY	AVG. DRAG	MAX. DRAG	TQ. ON BITM	TQ. OFF BITM	Gel	Poly Plus	Caustic	Bar	Alum Ster	ABQ	PolyPac UI	DAILY SOLIDS	TOTAL SOLIDS	DAILY DISPOSAL COSTS	DAILY LIQUIDS	TOTAL LIQUIDS	OWNER	DAILY BBLs	CUM BBLs
9,893	223	20,000	21,000	7,250	6,900								0	0	0	0	0		0	0

HOURS TIME CODE CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)

0.25	27: Other	Safety Meeting/Crew Handover.
0.25	3: Washing/Reaming	Wash and Ream from 16,740' to 16,765'.
8.00	2: Drilling	Rotate w/ Bit #53 From 16765' to 16953' (24'ft/hr) w/ 9 WOB, 65 Surf RPM, Motor RPM.
0.50	7: Lubricate Rig	Rig Service
10.50	2: Drilling	Rotate w/ Bit #53 From 16953' to 17191' (23'ft/hr) w/ 90 WOB, 65 Surf RPM, Motor RPM.
1.25	5: Cond. Mud & Circ	Circulate to clean the hole.
3.25	2: Drilling	Rotate w/ Bit #53 From 17191' to 17265' (23'ft/hr) w/ 7.5 WOB, 60 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	5 7/8" Bit	0.75	1: MIRU/RDMO	0.00	81.00			
1	Bit Sub BFF	2.79	2: Drilling	21.75	536.25	Depth	Dev	Azi
1	5" UBHO	2.84	3: Washing/Reaming	0.25	328.50	14,499	4.04	285
1	4 3/4" NMDC	29.39	4: Lost Circulation	0.00	13.75	14,585	3.16	296
1	4 3/4" NMDC	28.46	5: Cond. Mud & Circ	1.25	232.25	14,680	2.64	307
6	4 7/8" Drill Collars	186.17	6: Tripping	0.00	924.25	14,774	1.98	316
21	4" HWDP	643.81	7: Lubricate Rig	0.50	27.50	14,869	1.10	305
			8: Rig Repair	0.00	55.00	14,964	0.97	223
			9: Cut Drlg Line	0.00	27.75	15,058	4.31	194
			10: Deviation Survey	0.00	0.50	15,153	4.97	198
			11: Wireline Logging	0.00	175.00	14,248	4.88	202
			12: Run Casing	0.00	133.25	15,375	3.91	185
			13: Cement Casing	0.00	57.25	15,474	4.00	186
			14: Wait On Cement	0.00	20.00	15,568	3.60	171
			15: NU BOP's	0.00	122.50	15,662	3.60	161
			16: Test BOP's	0.00	44.25	15,746	3.74	154
			17: Plug Back	0.00	0.00	15,840	4.00	131
			18: Squeeze Cmt	0.00	0.00	15,934	5.32	115
			19: Fishing	0.00	73.75	16,028	5.93	111
			20: Directional Work	0.00	48.25	16,060	3.96	120
			21: Weather	0.00	0.00	16,232	5.49	207
			22: Well Control	0.00	208.50	16,327	6.07	200
			23: Waiting-Orders/Equip	0.00	19.00			feet @
			24: Drill Cmt / Shoe Test	0.00	19.50			azimurh
			25: Jet & Clean Pits	0.00	0.00			DAY DRILLING FOREMAN
			26: Regulatory	0.00	54.50			Steven Ritter
			27: Other	0.25	211.50			NIGHT DRILLING FOREMAN
			28: Other	0.00	16.50			Chris Pitts
			29: Other	0.00	2.50			AMEREDVE PERSONELL
			30: Other	0.00	0.00			DRILLING SUPERINTENDENT
			31: Other	0.00	0.00			DRILLING ENGINEER
			TOTALS	24.00	3433.00			DAY CONTROL ROOM SUP
								NIGHT CONTROL ROOM SUP

Motor RPG 0 BHA 894.21

26: Regulatory 0.00 54.50 NIGHT DRILLING FOREMAN CELL PHONE NUMBER

27: Other 0.25 211.50 Chris Pitts

28: Other 0.00 16.50 AMEREDVE 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 Hesston Cheatwood

Total Depth 17265.00

25: Jet & Clean Pits 0.00 0.00 Steven Ritter

26: Regulatory 0.00 54.50 NIGHT DRILLING FOREMAN CELL PHONE NUMBER

27: Other 0.25 211.50 Chris Pitts

28: Other 0.00 16.50 AMEREDVE 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 Hesston Cheatwood

Total Depth 17265.00

25: Jet & Clean Pits 0.00 0.00 Steven Ritter

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Total Depth 17265.00

25: Jet & Clean Pits 0.00 0.00 Steven Ritter

26: Regulatory 0.00 54.50 NIGHT DRILLING FOREMAN CELL PHONE NUMBER

27: Other 0.25 211.50 Chris Pitts

28: Other 0.00 16.50 AMEREDVE PERSONELL

Cost Input

Cost Type	Charge	Code	Description	Vendor	Uhr 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	Johniso 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	EY 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	0.06	D, ADDITIVES, AND CHEM	Mud additives & driveby mud check (WBM)	NOVA Mud		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	0.03	DOWNHOLE RENTALS	6 1/2" Drill Collar Rental	Yellowjacket Oilfield		1.0		No
8500	0.028	DRILL BITS	5 7/8" Tn Cone Bit EL385	Jaco Bit INC		1.0		No
8500	0.028	DRILL BITS	5 7/8" GTD64DM SN 13403579	Hallibur				

Morning Drilling Report

WELL NAME			AFE #	STATE WELL ID #	API #	OBJECTIVE			DATE		
INDEPENDENCE AGI #1				0	30-025-49081	DRILLING			Mon, May 17, 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	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		12,219	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	0.02600	0.04780	13,508	8 1/2

FORMATION Devonian BGG 70 CG 0 TG 0 #1 STKS 30 #1 CHK PSI 30 #1 STKS 30 #1 CHK PSI 30 #1 STKS 30 #1 CHK PSI 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	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	HHP	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	MFR	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	E1385	20	18				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							0.0625	WT	

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
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		
	-1,327											

FUEL ON HAND	9,893	TOTAL FUEL USED	188,493	Gel	Mica	ABQ	DAILY SOLIDS			0	OWNER	
PICKUP WT.	223	AVG. DRAG	20,000	Poly Plus	Quick Thix	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 BITM	7,250	Bar	Lime	Tackle	DAILY LIQUIDS			0		

BHA HOURS	22	TQ. OFF BITM	6,900	Pac-R	Alum Ster	Cost	TOTAL LIQUIDS			0		
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HOURS	TIME CODE	CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)									
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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'

24.00	No Accidents, Spills or Inspections to report										
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QTY	BHA ITEM	LENGTH	TIME DISTRIBUTION	DAILY	CUM	KOP MD/TVD	Pen Pt MD/TVD	Lndg Pt MD/TVD			
1	5 7/8" Bit	0.75	1: MUR/RDMO	0.00	81.00						
1	Bit Sub BFF	2.79	2: Drilling	17.75	554.00	Depth	Dev.	Azi.	TVD	VS	DLS
1	5" UBHO	2.84	3: Washing/Reaming	1.25	329.75	14,490	4.04	285	14,482	-137.50	1.62
1	4 3/4" NMDC	29.39	4: Lost Circulation	0.00	13.75	14,585	3.16	296	14,577	134.41	1.16
1	4 3/4" NMDC	28.46	5: Cond. Mud & Circ	4.00	236.25	14,680	2.64	307	14,672	133.39	0.79
6	4 7/8" Drill Collars	186.17	6: Tripping	0.00	924.25	14,774	1.98	316	14,766	133.23	0.81
21	4" HWDP	643.81	7: Lubricate Rig	0.50	28.00	14,869	1.10	305	14,861	133.19	0.98
			8: Rig Repair	0.00	55.00	14,964	0.97	223	14,956	132.25	1.43
			9: Cut Drig Line	0.00	27.75	15,058	4.31	194	15,050	128.37	3.72
			10: Deviation Survey	0.00	0.50	15,153	4.97	198	15,145	-126.37	0.80
			11: Wireline Logging	0.00	175.00	14,248	4.88	202	14,243	193.06	-0.03
			12: Run Casing	0.00	133.25	15,375	3.91	185	15,367	-137.29	0.14
			13: Cement Casing	0.00	57.25	15,474	4.00	186	15,465	-141.82	0.10
			14: Wait On Cement	0.00	20.00	15,568	3.60	171	15,559	-146.42	1.10
			15: NU BOP's	0.00	122.50	15,662	3.60	161	15,653	-151.56	0.67
			16: Test BOP's	0.00	44.25	15,746	3.74	154	15,737	-156.58	0.57
			17: Plug Back	0.00	0.00	15,840	4.00	131	15,831	-162.78	1.64
			18: Squeeze Cmt	0.00	0.00	15,934	5.32	115	15,924	-170.09	1.97
			19: Fishing	0.00	73.75	16,028	5.93	111	16,018	-178.49	0.79
			20: Directional Work	0.00	48.25	16,060	3.96	120	16,050	-181.03	6.67
			21: Weather	0.00	0.00	16,232	5.49	207	16,221	-189.56	3.81
			22: Well Control	0.00	208.50	16,327	6.07	200	16,316	-193.38	0.94
			23: Writing Orders/Equip	0.00	19.00						
			24: Drill Cmt / Shoe Test	0.00	19.50						
			25: Jet & Clean Pits	0.00	0.00						
			26: Regulatory	0.00	54.50						
			27: Other	0.50	212.00						
			28: Other	0.00	16.50						
			29: Other	0.00	2.50						
			30: Other	0.00	0.00						
			31: Other	0.00	0.00						
			TOTALS	24.00	3457.00						

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER
				AMEREDEV PERSONELL		
				DRILLING SUPERINTENDENT	JT Wilkerson	
				DRILLING ENGINEER	John Zabaldano	
				DAY CONTROL ROOM SUP	Hesston Cheatwood	
				NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER
				AMEREDEV PERSONELL		
				DRILLING SUPERINTENDENT	JT Wilkerson	
				DRILLING ENGINEER	John Zabaldano	
				DAY CONTROL ROOM SUP	Hesston Cheatwood	
				NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER
				AMEREDEV PERSONELL		
				DRILLING SUPERINTENDENT	JT Wilkerson	
				DRILLING ENGINEER	John Zabaldano	
				DAY CONTROL ROOM SUP	Hesston Cheatwood	
				NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER
				AMEREDEV PERSONELL		
				DRILLING SUPERINTENDENT	JT Wilkerson	
				DRILLING ENGINEER	John Zabaldano	
				DAY CONTROL ROOM SUP	Hesston Cheatwood	
				NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER
				AMEREDEV PERSONELL		
				DRILLING SUPERINTENDENT	JT Wilkerson	
				DRILLING ENGINEER	John Zabaldano	
				DAY CONTROL ROOM SUP	Hesston Cheatwood	
				NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER
				AMEREDEV PERSONELL		
				DRILLING SUPERINTENDENT	JT Wilkerson	
				DRILLING ENGINEER	John Zabaldano	
				DAY CONTROL ROOM SUP	Hesston Cheatwood	
				NIGHT CONTROL ROOM SUP	Ted Cheatwood	

Motor RFG	0	BHA	394.21	DAY DRILLING FOREMAN	Steven Ritter	CELL PHONE NUMBER
DP ITEM	ID	#/FT	GRADE	NIGHT DRILLING FOREMAN	Chris Pitts	CELL PHONE NUMBER

Morning Drilling Report

WELL NAME			AFE #	STATE WELL ID #	API #	OBJECTIVE			DATE		
INDEPENDENCE AGI #1				0	30-025-49081	DRILLING			Sun, May 23, 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	147						17,750	17,750	0	0

Current Operation:			Cost Added			Next 24 Hours:			Cost Added					
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		12,219	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																		
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	70	BGG	CG	TG	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	#1 STKS	#1 CHK PSI	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	PUMP PRESSURE		
3.52	5.5	12		0	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	HHP	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	8	8	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	JD	A	F	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	GT64DM	13403579	13	13	13	13	13	13	0	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 ON HAND		TOTAL FUEL USED		192 113		Gel		Mica		ABQ		DAILY SOLIDS		0		OWNER	
PICKUP WT.		AVG. DRAG		0		Poly Plus		Quick Thru		PolyPac UI		TOTAL SOLIDS		0		DAILY BBLs	
ROTATING WT.		MAX. DRAG		0		Caucitic		Soda Ash		Gelex		DAILY DISPOSAL COSTS		0		CUM BBLs	
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			

CHRONOLOGICAL ACTIVITY (0600 HRS TO 0600 HRS)															
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	5 7/8" Bit	0.75	1: MIRU/RDMO	0.00	81.00										
1	Bit Sub BFF	2.79	2: Drilling	0.00	554.00	Depth	Dev.	Azi.	TVD	VS	DLS				
1	5" UBHO	2.84	3: Washing/Reaming	0.00	332.00	14,490	4.04	285	14,482	-137.50	1.62				
1	4 3/4" NMDC	29.39	4: Lost Circulation	0.00	13.75	14,585	3.16	296	14,577	134.41	1.16				
1	4 3/4" NMDC	28.46	5: Cond. Mud & Circ	0.00	237.50	14,680	2.64	307	14,672	133.39	0.79				
6	4 7/8" Drill Collars	186.17	6: Tripping	0.00	956.75	14,774	1.98	316	14,766	133.23	0.81				
21	4" HWDP	643.81	7: Lubricate Rig	0.00	28.00	14,869	1.10	305	14,861	133.19	0.98				
			8: Rig Repair	0.00	55.00	14,964	0.97	223	14,956	132.25	1.43				
			9: Cut Drig Line	0.00	28.75	15,058	4.31	194	15,050	128.37	3.72				
			10: Deviation Survey	0.00	0.50	15,153	4.97	198	15,145	-126.37	0.80				
			11: Wireline Logging	0.00	224.00	14,248	4.88	202	14,243	193.06	-0.03				
			12: Run Casing	0.00	133.25	15,375	3.91	185	15,367	-137.29	0.14				
			13: Cement Casing	0.00	57.25	15,474	4.00	186	15,465	-141.82	0.10				
			14: Wait On Cement	0.00	20.00	15,568	3.60	171	15,559	-146.42	1.10				
			15: NU BOP's	0.00	126.25	15,662	3.60	161	15,653	-151.56	0.67				
			16: Test BOP's	0.00	44.25	15,746	3.74	154	15,737	-156.58	0.57				
			17: Plug Back	0.00	0.00	15,840	4.00	131	15,831	-162.78	1.64				
			18: Squeeze Cmt	0.00	0.00	15,934	5.32	115	15,924	-170.09	1.97				
			19: Fishing	0.00	73.75	16,028	5.93	111	16,018	-178.49	0.79				
			20: Directional Work	0.00	48.25	16,060	3.96	120	16,050	-181.03	6.67				
			21: Weather	0.00	0.00	16,232	5.49	207	16,221	-189.56	3.81				
			22: Well Control	0.00	211.75	16,327	6.07	200	16,316	-193.38	0.94				
			23: Waiting-Orders/Equip	0.00	19.00				Planned VS =	feet @	azimuth				
			24: Drill Cmt / Shoe Test	0.00	19.50				DAY DRILLING FOREMAN	CELL PHONE NUMBER					
			25: Jet & Clean Pits	0.00	0.00				David Pope						
			26: Regulatory	0.00	54.50				NIGHT DRILLING FOREMAN	CELL PHONE NUMBER					
			27: Other	0.00	24.00	263.00			Marcus Jenkins						
			28: Other	0.00	16.50				AMEREDVE 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					
			TOTALS	24.00	3601.00				NIGHT CONTROL ROOM SUP	Ted Cheatwood					

Cost Input															
Cost Type	Charge	Code	Description	Vendor	Unit Cost	Quantity	Cost	Carry Over							
8500	0.068	D / FLUIDS DISPOSAL CHAR	Haul Fluid and Cuttings to Disposal	OWL SWD Operating LLC		1.0		No							
8500	0.218	WELLHEAD / TREE / CHOKES	Remove Wear Bushing & Install Dry Hole Tree	Vault Pressure Control		1.0		No							
8500	0.03	DOWNHOLE RENTALS	Stabs, XO's & Shock Sub Rental	J4 Oilfield Service		1.0		No							
8500	0.06	D, ADDITIVES, AND CHEMICALS	Corhib and Scavenger	O.G. & C. LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul Pipe racks to Platinum	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul 2 3/8" Tubing to Ameredeve Yard	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Deliver MWD tools to location	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul off Drill collars and subs	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul Off Pipe racks from pipe inspections	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Backhaul forklift and tubulars to JAO	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul 4" Drill pipe to Platinum Yard	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul 4" Drill pipe to Platinum Yard	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul tools from location to Citadel yard	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul 70 jts of 4 1/2" Drill pipe to JAO for repair	PAJUAL Enterprise LLC		1.0		No							
8500	0.048	LL CONTROL EQUIP / SERVICE	N/D BOPE and Install frac valve	Battle Energy Services		1.0		No							
8500	0.048	LL CONTROL EQUIP / SERVICE	Rental BOP Spool	Battle Energy Services		1.0		No							
8500	0.218	WELLHEAD / TREE / CHOKES	7 1/16" Wear Bushing	Vault Pressure Control		1.0		No							
8500	0.046	RENTAL TUBING	4" Rental Drill pipe, Drill Collars, HWDP and tools	Platinum Pipe Rentals LLC		1.0		No							
8500	0.008	/ LOCATION PREP / RESTORATION	Clean location after rig moved off	Boland Field Services LLC		1.0		No							
8500	0.326	TRANSPORTATION	Tandem truck to help load trucks on location	ady Welding & Machine Sh		1.0		No							
8500	0.03	DOWNHOLE RENTALS	Repair damaged wear pad on mud motor	Scout Downhole Inc		1.0		No							
8500	0.042	BING & BHA INSPECT & REPAIR	Inspection and repair of tubulars	Citadel Drilling		1.0		No							
8500	0.186	GEOLOGY	Geolex Hydrogeologist and engineering	Geolex, Inc		1.0		No							
8500	0.074	NG / LINER / FLOAT EQUIPMENT	Storage charge for CRA casing	Geolex, Inc		1.0		No							
8500	0.008	/ LOCATION PREP / RESTORATION	Clean location after rig move. Haul off plastic and suck out cellar.	utch's Rat Hole & Anchor Sr		1.0		No							
8500	0.024	SURFACE RENTALS	Rig down flare stacks and igniters	Iron Horse Tools LLC		1.0		No							
8500	0.328	VACUUM TRUCK	Vac truck to clean location on rig move	Franco's Trucking LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul 4 1/2" drill pipe and HWDP in for repair	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Deliver nipple crossover and RCD from Pruitt	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Deliver Core samples to office in Houston	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Deliver stabilizer and float sub	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Deliver 6 1/2" Drill collars	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Deliver 5" drill pipe to JA Oilfield for repair	PAJUAL Enterprise LLC		1.0		No							
8500	0.326	TRANSPORTATION	Haul 4 1/2" drill pipe in for repair	PAJUAL Enterprise LLC											