GENERAL INFORMATION		
SUBMITTED DATE	08/13/2021	
ORDER #	04009	
PUMPER/GAUGER		
LATITUDE	48.345180	
LONGITUDE	-103.041073	
CUSTOMER REPRESENTATIVE	MARLON HARRY	
UNIT DESIGNATION	1100-500-306	
API NUMBER		
UNIT SERIAL NUMBER	04009-320-0887	
GEAR REDUCER SERIAL NUMBER	97-67	
UNIT NOT IN OPERATION	NO	
UNIT NOT IN OPERATION DESCRIPTION		
UNIT NOT INSPECTED	NO	
UNIT NOT INSPECTED DESCRIPTION		
PRIMARY JOB TASK / PURPOSE FOR BEING ON-SITE	PM	
MANUFACTURE DATE		
CURRENT INSPECTION DATE	8/13/2021 3:34:51 PM	
THIS IS A UNIT TRANSFER	NO	
NEXT INSPECTION ON		
BARCODE / ASSET NUMBER		
CUSTOMER SPECIFIC INFORMATION		
UNIT SHUT DOWN UPON ARRIVAL	NO	
UNIT SHUT DOWN FOR INSPECTION	NO	
THIS IS A NEW UNIT INSTALLATION	NO	

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Weatherford® Pumping Unit Inspection #E214129-20210813153451

CUSTOMER	SERVICE LOCATION	LEASE	WELL NUMBER
ND Corporation	Ray, ND	ND yard	ND yard

GENERAL INFORMATION		
INSTALLATION DATE		
WEATHERFORD INSPECTOR	STONE, JAMES	
I HAVE REVIEWED THE ENERGY ISOLATION AND PREVENTATIVE MAINTENANCE TWIS AS APPLICABLE	YES	
NO	TES	
LIST ALL DETAILS OF THE INSPECTION, MAINTENANCE PROCEDURES OF NOTE	MISSING GEAR BOX SHEAVE AND HUB MISSING LADDER CAGE AND BELT GUARD HARDWARE MISSING WIND ROLLERS	
FACILIT	Y SIGNS	
FACILITY SIGNS MISSING	REGULATED CONFINED SPACE	
SEALS AND	BEARINGS	
RIGHT TOP DRUM BEARING	GOOD CONDITION	
RIGHT TOP DRUM SEAL	GOOD CONDITION	
LEFT TOP DRUM BEARING	GOOD CONDITION	
LEFT TOP DRUM SEAL	REPAIR/REPLACE	
TOP SPROCKET BEARINGS	GOOD CONDITION	
TOP SPROCKET SEALS	CONDITION REQUIRES UNIT SHUTDOWN	
TRAVERSING MECHANISM BEARINGS	CONDITION REQUIRES UNIT SHUTDOWN	
TRAVERSING MECHANISM SEALS	CONDITION REQUIRES UNIT SHUTDOWN	
BRAKING	SYSTEM	
EMERGENCY BRAKE ADJUSTMENTS MADE	GOOD, NO ADJUSTMENTS REQUIRED	
MANUAL BRAKE ADJUSTMENTS MADE	GOOD, NO ADJUSTMENTS REQUIRED	
BRAKE RODS FUNCTIONING PROPERLY	YES	
MANUAL BRAKE PAD THICKNESS	FAIR	
EMERGENCY BRAKE PAD THICKNESS	FAIR	
BRAKE ROTOR CONDITION	GOOD CONDITION	

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BRAKING	S SYSTEM
EMERGENCY ACTUATOR OPERABLE	NO
MANUAL BRAKE TENSION	GOOD
EMERGENCY BRAKE TENSION	GOOD
PROXIMITY SENSOR AIR GAP	GOOD
GROUN	D LEVEL
LOAD BELT PINS AND KEEP BARS	GOOD CONDITION
BRIDLE / BANANA BAR	GOOD CONDITION
POLISHED ROD CONDITION	CONDITION REQUIRES UNIT SHUTDOWN
POLISHED ROD LINER CONDITION	
ROD ROTATOR INSTALLED	NO
ROD ROTATOR FUNCTIONAL	
AMPS ON UPSTROKE (ROD AMPS)	
AMPS ON DOWNSTROKE (WEIGHT AMPS)	
AMP OFFAGE	
UNIT BALANCE	NOT CHECKED
STROKES PER MINUTE	0.0
GAS ENGINE APPEARS TO BE STRAINING	
WEATHERFORD REPRESENTATIVE HAS BEEN CONTACTED	
CUSTOMER HAS BEEN CONTACTED	
ADDED COUNTERWEIGHT	NO
POUNDS OF WEIGHT ADDED	
UNIT OPERATING WITH VSD	NO
VSD MAKE	
PEAK LOAD SHOWN ON VFD	NOT SELECTED

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GROUND LEVEL		
UNIT OPERATING IN RACE TRACK MODE/TRIM SPEED ENABLED	NO	
REVERSAL TOP OF STROKE SPM		
REVERSAL BOTTOM OF STROKE SPM		
UPSTROKE SPM		
DOWNSTROKE SPM		
MURPHY VIBRATION SENSOR	CONDITION REQUIRES UNIT SHUTDOWN	
SPEED SENTRY MODEL		
OVERSPEED SET POINT	0.0	
UNDERSPEED SET POINT	0.0	
SPEED SENTRY MEMORY RECORDING	NO	
OVERSPEED SHUTDOWN	NOT WORKING	
UNDERSPEED SHUTDOWN	NOT WORKING	
CUSTOMER SPECIFIC SPEED SENTRY SHUTDOWN	NOT WORKING	
TOWER BASE TO SKID BOLTS	REPLACED	
ELECTRIC MOTOR GREASED	NA	
RUBBER BOOT	GOOD CONDITION	
ROTAFLEX TOWER CONDITION	GOOD CONDITION	
OIL LEAKS	NONE	
OIL LEAKS OTHER DESCRIPTION		
CONFIRMED SET BACK DISTANCE(MEASURED FROM THE CENTER OF THE WELLBORE TO FRONT OF CONCRETE BASE WITH STRING LINE)	NOT CHECKED	
UNIT ALIGNMENT	IN ALIGNMENT	
UNIT LEVEL	LEVEL	
UPPER LADDER & CAGE CONDITION	GOOD CONDITION	

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GROUND LEVEL		
LOWER LADDER & CAGE CONDITION	GOOD CONDITION	
CARRIER BAR CONDITION	GOOD CONDITION	
TIE-DOWNS CONDITION	MISSING	
CONCRETE BASE CONDITION	GOOD CONDITION	
NOSE PAD CONDITION	NA	
PIER CONDITION	NA	
I-BEAM CONDITION	NA	
LOAD BELT CONDITION (VISUAL VIEW FROM OUTSIDE OF UNIT)	GOOD CONDITION	
STRUCTUR	AL CRACKS	
ARE THERE STRUCTURAL CRACKS PRESENT?	NO	
IF PRESENT, HAVE STRUCTURAL CRACKS BEEN IDENTIFIED BY PAINT?		
DESCRIBE SPECIFIC LOCATION OF STRUCTURAL CRACK(S) (ADD IMAGES OF STRUCTURAL CRACKS PRESENT TO LAST PAGE OF INSPECTION)		
GEAR REDUCER BEARINGS/BUSHINGS		
LOW SPEED CONDITION	NEEDS FURTHER INSPECTION	
INTERMEDIATE SPEED CONDITION	NEEDS FURTHER INSPECTION	
HIGH SPEED CONDITION	NEEDS FURTHER INSPECTION	
GEAR REDUCER SEALS/GASKETS		
LOW SPEED CONDITION	NEEDS FURTHER INSPECTION	
INTERMEDIATE SPEED CONDITION	NEEDS FURTHER INSPECTION	
HIGH SPEED CONDITION	NEEDS FURTHER INSPECTION	
GEAR CO	NDITION	
LOW SPEED GEAR	NEEDS FURTHER INSPECTION	

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GEAR CO	NDITION
LOW SPEED PINION	NEEDS FURTHER INSPECTION
HIGH SPEED GEAR	NEEDS FURTHER INSPECTION
HIGH SPEED PINION	NEEDS FURTHER INSPECTION
OIL COI	NDITION
OIL LEVEL	LOW
OIL CONDITION	REQUIRES REPLACEMENT OF ALL OIL
PRIME	MOVER
TYPE (GAS/ELECTRIC)	
BRAND	WORLDWIDE
MODEL	
SERIAL NUMBER	1045ECJ
FRAME NUMBER	445T
RPM	1190
HORSEPOWER	150
SHEAVE DIAMETER (INCHES)	16
BELT CONDITION	REPLACEMENT REQUIRED
SHAFT CONDITION	GOOD CONDITION
SHAFT SIZE (INCHES)	3 3/8
GEAR REDUCER SHEAVE CONDITION	REPLACEMENT REQUIRED
GEAR REDUCER SHEAVE DIAMETER (INCHES)	
GAS ENGINE OIL USED (GALLONS)	
GAS ENGINE OIL REQUIRED FILTERING	
OIL SAMPLE TAKEN	NO

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Pumping Unit Inspection #E214129-20210813153451

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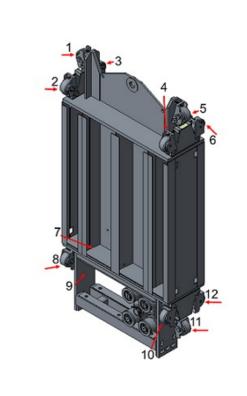
INSIDE (FRONT) COUNTERWEIGHT DOORS		
FRONT COUNTERWEIGHT ROTAFLEX DOORS CONDITION	GOOD CONDITION	
FRONT UPPER COUNTERWEIGHT ROTAFLEX DOORS CONDITION	GOOD CONDITION	
REMOVED SHIPPING BLOCKS BETWEEN TOWER BEAM AND COUNTERWEIGHT BOX DURING INSTALLATION		
OIL SUMP RESERVOIR	CLEANING AND NEW OIL REQUIRED	
PROPER OIL LEVEL OF SUMP	ADDITIONAL OIL REQUIRED	
SUMP OILING SYSTEM FREE OF OBSTRUCTIONS AND PROPERLY OILING	REPAIR REQUIRED	
INTERNAL LOAD BELT CONDITION AND CONNECTION TO WEIGHT BOX, LOAD BELT PINS	GOOD CONDITION	
BELT AND METAL SHAVINGS PRESENT INSIDE OF TOWER	NO	

Pumping Unit Inspection #E214129-20210813153451

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GUIDE WHEELS

	GUIDE
GUIDE WHEEL #1	GOOD CONDITION
GUIDE WHEEL #2	GOOD CONDITION
GUIDE WHEEL #3	GOOD CONDITION
GUIDE WHEEL #4	GOOD CONDITION
GUIDE WHEEL #5	GOOD CONDITION
GUIDE WHEEL #6	GOOD CONDITION
GUIDE WHEEL #7	CONDITION REQUIRES UNIT SHUTDOWN
GUIDE WHEEL #8	CONDITION REQUIRES UNIT SHUTDOWN
GUIDE WHEEL #9	CONDITION REQUIRES UNIT SHUTDOWN
GUIDE WHEEL #10	CONDITION REQUIRES UNIT SHUTDOWN
GUIDE WHEEL #11	CONDITION REQUIRES UNIT SHUTDOWN
GUIDE WHEEL #12	CONDITION REQUIRES UNIT SHUTDOWN



COUNTERWEIGHT BOX		
COUNTERWEIGHT BOX IS PROPERLY ALIGNED INSIDE OF THE TOWER	YES	
SWIVEL SHAFT (INCHES)		
DRIVE SPROCKET (INCHES)		
DRIVE SPROCKET CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
LOAD BELT PIN AND SNAP RINGS CHECKED	YES	
DRIVE CHAIN TENSION CHECKED	NO	
DRIVE CHAIN TENSION ADJUSTED	NOT REQUIRED	

CUSTOMER	SERVICE LOCATION	LEASE	WELL NUMBER
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COUNTERWEIGHT BOX		
DRIVE CHAIN SIDE TO SIDE DEFLECTION (IN INCHES)		
DRIVE CHAIN CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
SWIVEL SHAFT CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
CARRIAGE ASSEMBLY CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
FRONT CARRIAGE WHEELS CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
FRONT CARRIAGE WHEEL BEARINGS CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
VERIFY CARRIAGE FRAME BOLTS ARE TORQUED TO 250 FT. LBS. (8 EACH)	CONDITION REQUIRES UNIT SHUTDOWN	
CARRIAGE FRAME BOLTS CONDITION	NOT CHECKED	
ALL DOORS PROPERLY SECURED AFTER PM COMPLETION	YES	
ALL DOORS NOT PROPERLY SECURED AFTER PM COMPLETION EXPLANATION		
DOORS SECURED WITH ZIP-TIE, LOCK, OR NUMBERED SEAL (IF REQUIRED BY CUSTOMER OR REGION)	NA	
INSIDE (BACK) PANELS	S ABOVE GEAR REDUCER	
CHAIN PINS CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
PIN BOLTS AND RETAINING BAR CONDITION	GOOD CONDITION	
SWIVEL SHAFT (KNUCKLE) CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
BACK CARRIAGE WHEELS CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
BACK CARRIAGE WHEEL BEARINGS CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
INSIDE M	ID-TOWER	
MID-TOWER DOORS AND ENCLOSURE CONDITION	GOOD CONDITION	
TOP SPROCKET LUBRICATED	NO	
TOP SPROCKET ASSEMBLY CONDITION	GOOD CONDITION	
GREASE ADDED TO TOP SPROCKET	NO	
BEARING NUTS AND LOCKER WASHERS CONDITION	GOOD CONDITION	

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INSIDE MID-TOWER		
TOP SPROCKET ASSEMBLY CHECKED FOR CRACKS AND BENDS IN TUBING	NONE PRESENT	
ADJUSTMENT BOLTS AND JAM NUTS CONDITION	GOOD CONDITION	
DRIVE CHAIN RETAINING PINS CONDITION	CONDITION REQUIRES UNIT SHUTDOWN	
MEASUREMENT FROM CENTER OF THE TOP SPROCKET TO THE OUTSIDE EDGE OF THE TOWER BEAM FLANGE (SHOULD BE 3")	3 INCHES	
TOP TOWER		
HINGE PINS CHECKED BEFORE OPENING THE CROWN HOOD	YES	
CROWN HOOD HINGE PINS CONDITION (HINGE PINS ON THE TOP COVER INSPECTED BEFORE OPENING THE CROWN HOOD)	GOOD-SAFE TO OPEN CROWN HOOD	
ROLLER DRUM SIDE PLATE CONDITION	GOOD CONDITION	
PILLOW BLOCK BEARING SEALS CONDITION	REPAIR REQUIRED	
ROLLER DRUM GREASED	NO	
TOP DRUM LEAKING GREASE	YES	
TOP DRUM BEARINGS CONDITION	GOOD CONDITION	
METAL SHAVINGS FOUND ON PILLOW BLOCK HOUSING	NO	
ROLLBAC	K SYSTEM	
TYPE OF ROLLBACK SYSTEM	NA	
ROLLBACK SYSTEM CONDITION		
HYDRAULIC FLUID LEVEL		
BUMP CHECK MOTOR TO CONFIRM PROPER ELECTRIC WIRING OF ROLLBACK SYSTEM		
RUST		
EXCESSIVE RUST PRESENT	NO	
RUST PRESENCE LOCATION		

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COMPLETION CONFIRMATION	
MAINTENANCE STICKER WITH CREW AND DATE INSTALLED ON THE TOWER	NO
MAINTENANCE STICKER INSTALLED DURING INSPECTION	NO
ADDITIONAL ITEMS FOUND REQUIRING ATTENTION	YES
SPECIFICS OF ADDITIONAL ITEMS FOUND	MISSING PARTS
UNIT CONDITIONS WARRANT CONTINUED SHUTDOWN. CUSTOMER HAS BEEN NOTIFIED.	YES

TOTAL NUMBER OF IMAGES 3

IMAGES







