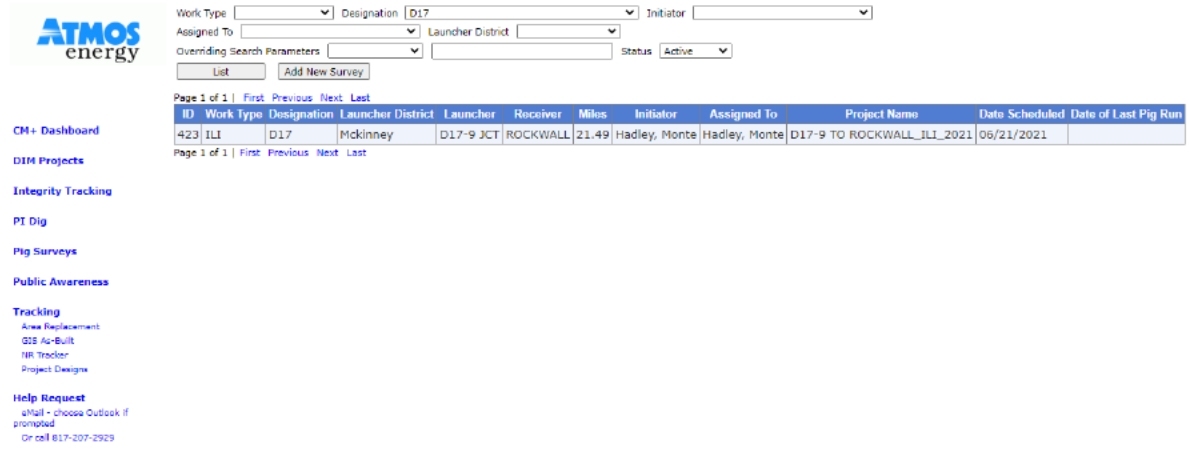


Work Type Designation D17 Initiator

Assigned To Launcher District

Overriding Search Parameters Status Active

List Add New Survey

Edit Pig Survey: 423

Designation D17

Launcher Location D17-9 JCT Receiver Location ROCKWALL

Owner APT Size 24 Launcher Region North Launcher District Mckinney Launcher County Collin

Launcher Station Plus 1759+57 Launcher Latitude [redacted] Launcher Longitude [redacted]

Receiver Region Southeast Receiver District Garland Receiver County Rockwall

Receiver Station Plus 631+82 Receiver Latitude [redacted] Receiver Longitude [redacted] Miles 21.49

Work Type ILI Initiator Hadley, Monte Assigned To Hadley, Monte

Scheduled Start Date 06/21/2021 Project Number 180.47094

Project Name D17-9 TO ROCKWALL_ILI_2021

Comments

PIG Survey Details

Number of Cleaning Pig Runs Number of ILI Tool Runs

Date of First Pig Run Date of Last Pig Run

Total Liquid Recovered (gallons) Total Solids Recovered (gallons)

Cleaning Chemical Volume (gallons) Name of Cleaning Chemical

Corrosion Inhibitor Volume (gallons) Name of Corrosion Inhibitor

Liquid Sample Analyzed Solid Sample Analyzed

Completed By Date Report Completed

Save Return to List

No attachments currently exist for ID: 423

Only files smaller than 8MB can be uploaded at this time...

Select a file to upload: Choose File No file chosen Upload File

CORROSION DETECTION SURVEY
ELECTRONIC GEOMETRY SURVEY
TECHNICAL QUESTIONNAIRE

GENERAL INFORMATION

Line Name/Designation:	**D17**	Pipeline Company:	**Atmos Energy**
Revision Date:	**05/27/21**	Address:	**5420 LBJ Freeway, Ste 1800**
Project Number:	180.47094	Cost Center:	**9645**

		Office Phone:	Cell Phone:	email
Project Manager:	**Monte Hadley**	[redacted]	[redacted]	[redacted]
Field Opertions Contact:	**Jimmy Hoover**			
Field Opertions Contact:	**Mark Elliott**			

Address for shipping Pigs, AGMs, locators, etc	**Atmos Energy, Attn: Jimmy Hoover** **1310 Highway 66** **Garland, TX 75040 US**

Geographical Location:	**Collin County to Rockwall**		
Line Segment Reference:	**D17-9 JCT TO ROCKWALL**		
Location of Launcher:	**D17-9 JCT**	Location of Receiver:	**ROCKWALL**
Station # of Launcher:	**1759+33**	Station # of Receiver:	**646+52**
Overall Line Length (miles):	**21.73**	Max Wall Thickness:	**0.500**
Pipe OD:	**24.000**	Min Inside Diameter of Pipeline:	**23.000**

PIPELINE WALL THICKNESS, MATERIAL & GRADE

Please specify the range of pipeline wall thicknesses present in the pipeline section (trap to trap). Where possible, specify the nominal wall thickness of line pipe employed and the actual length in miles for each nominal value.
Please enter the pipe steel grade in the appropriate column for the pipe material type.

Nominal Wall Thick	Start Plus	End Plus	Grade	MAOP	Long Seam Type
0.281	**See GIS Data**	**See GIS Data**	**X52**	**800**	
0.312	**See GIS Data**	**See GIS Data**	**X52**	**800**	
0.375	**See GIS Data**	**See GIS Data**	**X52 X56 X6**	**800**	

DETAILS OF PIPELINE FITTINGS

BENDS

Minimum Bend Radius: **1.5D** Nominal Bore of Bends: _____ Type of Bends **Factory/Field**

Note: above information on bends is assumed as actual data not available.

No. of 90º bends		Min. Radius	**1.5**	Min. Length between bends	**See Bends**
45º<= No. of bends <90º		Min. Radius	**1.5**	Min. Length between bends	**See Bends**
No. of bends <45º		Min. Radius	**1.5**	Min. Length between bends	**See Bends**

(See attached "Bends" worksheet)

VALVES

Type (Gate, Ball, Check, etc.)	Station Plus	Location	Manufacturer	S/N	Min. Nominal Bore
	1759+58	**Launcher**			
	1215+76	**D17-1 JCT**			
	1048+12	**D17-2 JCT**			
RCV	**1012+58**	**D17**			

Can Check Valves be locked open during survey?: **NA** Any known problems in the past with valves?: **No**

If so, please describe the problem: _____

OTHER INSTALLATIONS (Tees, Branches, Flanges, etc.)			
Type of Tee(s)	**Factory forged & weld saddles**	Are Bars Fitted?	**if branch > 50% of run diameter**
Diameter of Offtake	**See Features**	Can Side Flows be Controlled?	
O'Clock Position of Offtake (Top of Pipe 12:00)		Distance between Adjacent Tees &	**N/A**
Angle to Pipeline			
Type of Flange(s)		Minimum I.D.	

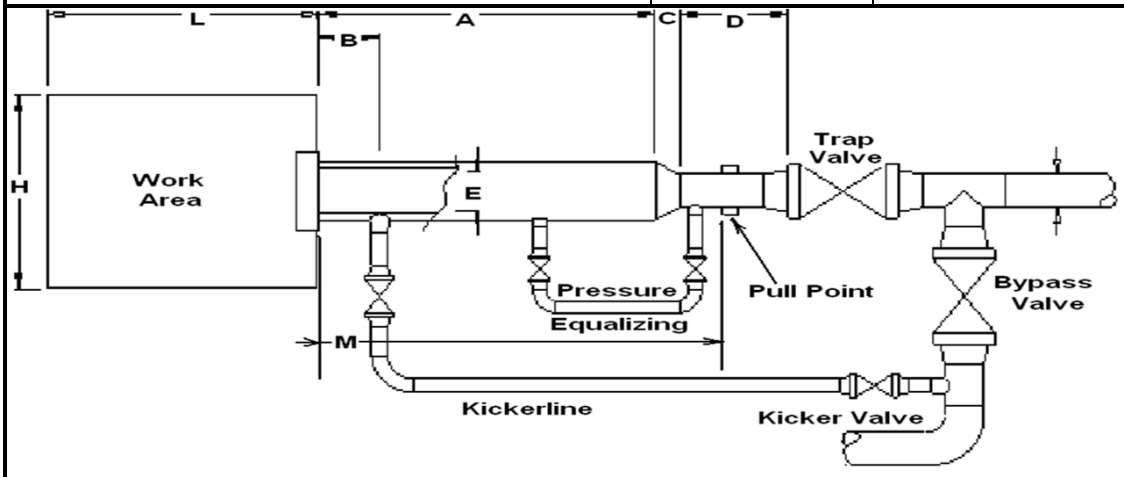
Please indicate which of the following are present in this pipeline:

INSTALLATIONS	Yes/No	Location
Repair Clamps (Sleeves)	**No**	**See Feature List for description and station plus**
Bell & Spigot Couplings	**No**	**See Feature List for description and station plus**
Thread & Collar Couplings	**No**	**See Feature List for description and station plus**
Marker Joints	**No**	**See Feature List for description and station plus**
Cathodic Protection	**Yes**	**See Feature List for description and station plus**
Sacrificial Anodes	**No**	**See Feature List for description and station plus**
Suppressed Currents	**No**	**See Feature List for description and station plus**
Others		**See Feature List for description and station plus**

CASED CROSSINGS AND FOREIGN LINE CROSSINGS

Road Name	Casings Size	Start Plus	End Plus	Length (Ft)
W Audie Murphy Pkwy	**30**	**1565+09**	**156+570**	
State Highway 78S	**30**	**1515+57**	**1516+81**	
Kansas City Southern	**30**	**1427+42**	**1428+21**	
FM 1778	**30**	**1270+82**	**1271+14**	
W FM 6	**30**	**1129+45**	**1130+45**	
Bear Creek	**30**	**1090+52**	**1091+44**	
Interstate 2755	**30**	**959+10**	**960+06**	
E FM 552	**30**	**849+76**	**850+77**	
Interstate 66	**30**	**735+86**	**736+51**	
Gas Garland & NE RR	**30**	**689+51**	**690+80**	

Foreign Line Crossings	Sta Plus
SEE FEATURE LISTING	



Please enter the following Launching & Receiving Trap Dimensions:

	Launcher	Receiver
A	**15' 6"**	**124"**
B	**1' 3"**	**16"**
C	**2'**	**24"**
D	**14' 4"**	**184"**
E	**N / A**	**N / A**
H	**Sufficient**	**25'**
L	**Sufficient**	**30'**

M	N / A	N / A	

	Launcher	Receiver
Height of Trap Centerline above Access Area (inches)	34"	34"
Concentric or Eccentric Taper Section Fitted	Eccentric	Eccentric
Angle and Direction of Trap if not Horizontal	Horizontal	Horizontal
Trap Construction Welded or Forged	Welded	Welded

DETAILS OF PIPELINE PRODUCT AT TIME OF INSPECTION

Type of Product: **Natural Gas**

	Minimum	Maximum	Normal	At Time of Inspection
Operating Temperature			60	
Operating Pressure			700	
Possible Flow Rate During Inspection (Miles / Hr.)	4	6		
Throughput in MMSCFD			85-100	
Wax Content			N / A	N / A
CO2 Content			N / A	N / A
H2S Content			N / A	N / A
Total Line Fill In BBLS			N / A	N / A
Other				

DETAILS OF PIPELINE RECORDS AND HISTORY

Date of Pipeline Construction: **1967 / 2019**
Date of Last Inspection Survey: **7/21/2015**
Previous Inspection Co.: **Rosen**
Is Pipeline Currently Operational?: **Yes**
Are Cleaning Pigs Run on a Regular Basis?: **Yes**
Type of Cleaning Pigs Used: **Foam / Mandrel**
Are Alignment Sheets Available?: **Yes**
Are Weld Record Books Available?: **No**
Type of Internal Coating: **No**
Type of External Coating: **Coal Tar / FBE**
Is there any Known Pipeline Damage?: **No**
If so, please describe:

Desired Tools

Gauging — **Gauge Pig**
Geometry — **XGP**
XYZ Mapping — **Yes**
Wall Loss Detection — **High Resolution MFL**

BENCHMARKER LOCATION SYSTEMS

Will Benchmarker System be used?: **Yes**
# of marker locations pig will be tracked: **21**
Number of Marker Boxes Needed: **12**
Boxes to be operated remotely: **No**
Boxes to be operated normally: **Yes**
Will these locations be access ble even during adverse weather conditions?: **Yes**
Will these locations be close to heavily traveled roads?: **Yes**
Are these marker locations properly marked?: **Yes**
How many marker crews will be available for setting marker boxes?: **As required**

Date Questionnaire Completed: **5/28/2021**
Signature: **Monte Hadley**

From: Kris Lowery
To: Glen Carter
Subject: FW: Line D17 - ILI RUN 2021 (D17-9 JCT TO ROCKWALL)(180.47094) - Run Schedule
Date: Monday, July 26, 2021 10:30:11 AM

From: Marshall Cross [mailto [redacted]]
Sent: Monday, July 26, 2021 10:13 AM
To: Bobcat Kris Lowery <[redacted]>
Subject: Fwd: Line D17 - ILI RUN 2021 (D17-9 JCT TO ROCKWALL)(180.47094) - Run Schedule

Thank you,
Marshall Cross
Bobcat Contracting LLC
[redacted]

Begin forwarded message:

From: "Justusson, John" <[redacted]>
Date: June 24, 2021 at 8:07:41 AM CDT
To: "Morrissette, Paul J" <[redacted]>, "Elliott, Mark W" <[redacted]>, "Ballinger, Rodger L" <[redacted]>, "Reeves, Kevin D" <[redacted]>, "Thomas, Chris J" <[redacted]>, [redacted], [redacted], [redacted], [redacted], Marshall Cross <[redacted]>, Tyler Hunt <[redacted]>, Michael Pritchett <[redacted]>, [redacted]
Cc: "Green, Phil K" <[redacted]>, "Slaughter, Burt" <[redacted]>, "Lawrence, Scott M" <[redacted]>, "Delgado, Elizabeth R" <[redacted]>, "Gilbert, Tim C" <[redacted]>, "Moya, Mario" <[redacted]>, "Hadley, Monte D" <[redacted]>, "Billings, Grant" <[redacted]>, "Perry, Landell L" <[redacted]>, "Dygert, Eric M" <[redacted]>, "Hampton, Regan R" <[redacted]>, Gas Control Ops <[redacted]>
Subject: RE: Line D17 - ILI RUN 2021 (D17-9 JCT TO ROCKWALL)(180.47094) - Run Schedule

All,

The table below has been updated to reflect the changes made to the assessment schedule for line D17 ILI RUN 2021(D17-9 TO ROCKWALL).

Please let me know if there are any questions.

Thanks,

John Justusson
[redacted]

From: Justusson, John
Sent: Monday, June 21, 2021 2:19 PM
To: Morrissette, Paul J <[redacted]>; Elliott, Mark W <[redacted]>; Ballinger, Rodger L <[redacted]>; Reeves, Kevin D <[redacted]>; Thomas, Chris J <[redacted]>; [redacted]; [redacted]; [redacted]; [redacted]; Marshall Cross <[redacted]>; Tyler Hunt <[redacted]>; Michael Pritchett <[redacted]>; [redacted]
Cc: Green, Phil K <[redacted]>; Slaughter, Burt <[redacted]>; Lawrence, Scott M <[redacted]>; Delgado, Elizabeth R <[redacted]>; Gilbert, Tim C <[redacted]>; Moya, Mario <[redacted]>; Hadley, Monte D <[redacted]>; Billings, Grant <[redacted]>; Perry, Landell L <[redacted]>; Dygert, Eric M <[redacted]>
Subject: Line D17 - ILI RUN 2021 (D17-9 JCT TO ROCKWALL)(180.47094) - Run Schedule

Hello All,

Below is the schedule for the following assessment: D17 ILI RUN 2021 (D17-9 TO ROCKWALL)(21.264 miles)

This schedule can also be found in the stakeholders' meeting notes, which has been uploaded under the files section in MS Teams.

Scheduled Dates	Activity
st	Setup Day

Monday, June 21	
Tuesday, June 22nd	Foam Pig Cleaning
Wednesday, June 23rd	Brush Mandrel Cleaning
Thursday, June 24th	Cleaning Run
Friday, June 25th	Cleaning Run
Monday, June 28th	Open
Tuesday, June 29th	Gauge Plate Tool
Wednesday, June 30th	Caliper Tool
Thursday, July 1st	Smart Tool
Friday, July 2nd	Open

Targeted Pressures – 630 – 640 psig
Targeted Flows – 72 – 80 MMCFD
Desired Speed – 4 – 6 mph

Please let me know if there are any questions.

Thank you,

John Justusson

Engineer 1
Atmos Energy Corporation
Mid-Tex Division
[redacted] Office
[redacted]

A MOS ENERGY MID EX DIVISION Form Rev 2021-03-29

Ma ntenance Pig / ILI Report

Line Designa ion:	D17
Launcher Loca ion:	D17-9 JCT
Receiver Loca ion:	ROCKWALL

C eaning Chem cal Vendor:	
C eaning Chemical Name:	
Corros on Inhibitor Vendor:	
Corrosion Inhib tor Name:	
Liqu d Sample Analyzed (Yes / No):	
Sol d Sample Analyzed (Yes / No):	
Background NORM (counts/min)	
Background NORM (mR/hr)	

Run #	1	2	3		5	6	7	8	9	10	11	12	13	1	15	16	17	18	19	20
Run Date																				
Type of P g																				
Launch Time																				
Launch NORM (counts/min)																				
Launch NORM (mR/hr)																				
Launch Mo sture Content (lb/MMSCF)																				
Launch Odorant Detected																				
Receive Time																				
Receive NORM (counts/min)																				
Receive NORM (mR/hr)																				
Receive Mo sture Content (lb/MMSCF)																				
Receive Odorant Detected																				
Type of Chemical																				
Design Chemical In ected (Ga)																				
Actual Chemical In ected (Ga)																				
Liqu d Recovered (Gal)																				
Recovered Liquids Description																				
Solids Recovered (Gal)																				
Recovered So ids Description																				
So ids Recovered Comments																				
Additional Pig Run Comments																				

Additional Comments:	
Completed By:	
Submit ed On (mm/dd/yyyy):	
Send electronic form to following email address with the Assessment Name and "Pigging Form" in the subject:	IntegrityPigging@atmosenergy com
Quest ons Contact:	[redacted]

Chemical Volume Design Form Rev 2021-02-08

RULES OF THUMB		
Cleaning Chemical	5	mils
Corrosion Inhibitor	3	mils

LEGEND

Calculated Field
User Input

INPUTS

OD		in
Wall		in
Length		mi

Cleaning Chemical Design		
Mils		mils
Gallons	0	No waste
Waste percent	5%	
Gallons	0	**With waste**

Corrosion Inhibitor Design		
Mils		mils
Gallons	0	No waste
Waste percent	5%	
Gallons	0	**With waste**

Moisture Content Monitoring Form Rev 2021 03-09

Line Des gnation:	D17
Launcher Locat on:	D17-9 JCT
Receiver Location:	ROCKWALL

For use on Pig Runs that have corrosion inhibitor and/or c eaning chemicals & additional mon tor locations are necessary
Monitor locations are to be identified by eng neer
Read ngs are to be measured by MIC ech

				Run #	1	2	3		5	6	7	8	9	10	11	12	13	1	15	16	17	18	19	20
Monitor Location	Line Designat on	STA	Descript on	Run Date																				
Examp e	P7	1 00	Tap at Samsung Plant	Moisture Content (lb/MMSCF																				
1				Moisture Content (lb/MMSCF																				
2				Moisture Content (lb/MMSCF																				
3				Moisture Content (lb/MMSCF																				
				Moisture Content (lb/MMSCF																				
5				Moisture Content (lb/MMSCF																				
6				Moisture Content (lb/MMSCF																				
7				Moisture Content (lb/MMSCF																				
8				Moisture Content (lb/MMSCF																				
9				Moisture Content (lb/MMSCF																				
10				Moisture Content (lb/MMSCF																				

ATMOS ENERGY MID-TEX DIVISION
Maintenance Pig / ILI Report

Form Rev 2021-03-29

Line Designation	D17
Launcher Location	D17-9 JCT
Receiver Location	ROCKWALL
Atmos Project Number	180.47094
Work Type	ILI
CM+ Pig Survey Number	423
Total Number Cleaning Pig Runs	0
Number of ILI tool runs	0
Date of First Pig Run	1/0/1900
Date of Last Pig Run	1/0/1900
Total Liquid Recovery Estimate (Gallons)	0
Total Solid/Debris Amount Estimate (Gallons)	0
Cleaning Chemical Vendor	
Cleaning Chemical Volume (gallons)	0
Cleaning Chemical Name	
Corrosion Inhibitor Vendor	
Corrosion Inhibitor Volume (gallons)	0
Corrosion Inhibitor Name	
Liquid Sample Analyzed (Yes / No)	0
Solid Sample Anaylzed (Yes / No)	0
Max NORM Reading (counts/min)	0
Max NORM Reading (mR/hr)	0
Form Completed By	
Reviewed by Engineer (Name)	
Engineer Comments	
Date Report Reviewed:	

LEGEND

Calculated Field
User Input

When Complete, close out CM+ work order and attach Pigging Form

Designation	Yes	No	No Test	Pig Type	Yes	No	CM+ Work Order	Chemical Type	Recovered Solids Description	Recovered Liquids Description
16			Yes	Brush Magnet Mandrel Pig	Yes		LI	Cleaning Chemical	Asphaltenes	Thin
16 (2ND)			No	Disk Pig		No	PIGG	Corrosion Inhibitor	Dry Powder	Viscous
17			Not Tested	Foam Pig			Maintenance Pig	None	Wet Sludge	None
17-1				Foam Pig with Brushes					None	
17-2				Gauge Pig						
17-3				Geometry Pig						
18				Smart Pig						
18 (2ND)				Not Listed						
18-1										
18-3										
18-6										
18-7										
232										
25										
25B										
25B1										
25B2										
25B3										
73										
73 (LOOP)										
73-11										
73-11-2										
73-12										
73-13										
73-14										
73-14-1										
73-15										
73-18										
73-18-8										
73-30										
73-38										
73-4										
A										
A1										
A10										
A1-1										
A12										
A16										
A2										
A21										
A22										
A22-1										
A22-1-1										
A22-1-1-1										
A26										
A27										
A27-1										
A29										
A29-1										
A29-1-1										
A29-1-2										
A29-1-3										
A29-1-3-1										
A29-1-4										
A3										
A31										
A34										
A34 (NORTH)										
A34 (SOUTH)										
A34-1										
A35										
A37 (2ND)										
A37-1										
A37-2										
A37-3										
A37-3-1										
A37-3-1-1										
A37-3-2										
A37-3-3										
A37-3-4										
A37-3-5										
A38										
A38-1										
A38-1 (LOOP)										
A38-2										
A38-3										
A38-4										
A38-5										
A38-6										
A38-6-1										
A38-6-2 (NORTH)										
A38-6-2 (SOUTH)										
A39										
A4										
A41										
A6										
A7										
A73										
AN										
AN (EXT)										
AN2										

AN2 (LOOP)
AN3-3
AN3-4
AN3-5
AN4
ANB
ATHENS NATL. GAS
B
B10
B11
B15
B17
B17-1
B17-2
B17-3
B18
B20
B21
B22
B24
B6
B7
BETHEL #3
BH29
BH30
BLANKET L NE
BROWNWOOD
BROWNWOOD (2ND)
C&S 107
C&S 107-1
C&S 109
C&S 109-1
C&S 109-3
C10
C10-10
C10-3
C10-4
C10-5
C10-5-1
C10-6
C10-8
C11
C12
C12-1
C12-2
C16 (EAST)
C16 (EAST)-1
C16 (WEST)
C16 (WEST)-1
C22
C22-1
C23
C3
CA
CA (2ND)(EAST)
CA (2ND)(EAST)-1
CA (2ND)(WEST)
CA (3RD)
CA1
CA2
CA3
CA3-1
CA3-2
CA4
CA4-1
CA4-1-1
CA4-1-2
CA6
CA6-1
CA6-2
CA7
CACC1
CAJB1
CHESLEY
CHESLEY-1
CNG-55-1
CNG-56-T
CT-1028
CT-1051
CT-1088
CT-1090
CT-1090-1
CT-1097
CT-1105
CT-1116
CT-1118
CT-1119
CT-1120
CT-1122
CT-1130
CT-1142
CT-1178
CT-1179

CT-1180
CT-1181
CT-1208
CT-1265
CT-1275
CT-1279
CT-1292
CT-1295
CT-1312
CT-1315
CT-1320
CT-1331
CT-1345
CT-1388
CT-1405
CT-1422
CT-1466
CT-1467
CT-1478
CT-1480
CT-1509
CT-1547
CT-1569
CT-1721 (EXP)
CT-1731
CT-1741
CT-1776
CT-1793
CT-1816
CT-1818
CT-1821
CT-1828
CT-1830
CT-1832
CT-1836
CT-1841
CT-1856
CT-1900
CT-1901
CT-1902
CT-1902-1
CT-252
CT-254
CT-327
CT-687
CT-688
CT-689
CT-690
CT-691
CT-712
CT-739
CT-742
CT-743
CT-744
CT-745
CT-746
CT-823
CT-990
D
D (2ND)
D1
D10
D10 (2ND)
D10-1
D11
D12
D13
D13-1
D13-2
D16
D16-1
D17
D17-1
D17-10
D17-10-2
D17-10-3
D17-10-4
D17-11
D17-1-1
D17-12
D17-13
D17-14
D17-15
D17-16
D17-16-1
D17-17
D17-18
D17-19
D17-2
D17-20
D17-21
D17-2-1
D17-3

D17-3-1
D17-3-2
D17-4
D17-4 (LOOP)
D17-4-1
D17-4-2
D17-4-3
D17-4-4
D17-4-5
D17-4-8
D17-5 (EXP)
D17-6
D17-7
D17-9
D17-9-1
D17-9-10
D17-9-11
D17-9-1-1
D17-9-2
D17-9-2-1
D17-9-3
D17-9-4
D17-9-5
D17-9-7
D17-9-8
D18
D18-1
D18-2
D18-3
D19
D21
D23
D24
D24-1
D24-3
D25
D26
D27
D28
D3
D30
D32
D33
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D41
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D6-2
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D8-1
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D9-24
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D9-26
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D9-27
D9-28

D9-2-8
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D9-32
D9-4
D9-5
D9-6
D9-7
D9-7-1
D9-7-2
D9-7-2 (EXT)
D9-7-2-1
D9-7-2-2
D9-7-3
D9-7-4
D9-7-5
D9-8
D9-8-1
D9-9
D9A
D9A1
DALLAS DT 1
DALLAS DT 10
DALLAS DT 1-1
DALLAS DT 2
DALLAS DT 3
DALLAS DT 3 (EXT)
DALLAS DT 3-1
DALLAS DT 3-1-1
DALLAS DT 3-1-1-1
DALLAS DT 3-1-1-2
DALLAS DT 3-1-1-3
DALLAS DT 3-2
DALLAS DT 3-4
DALLAS DT 5
DALLAS DT 5-1
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DALLAS DT 5-3
DALLAS DT 5-4
DALLAS DT 5-4A
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DALLAS DT 8
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DALLAS DT 9
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EF (EXP)
EF (EXP)-1
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F18A (EXP)
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F8 (2ND)
FA (2ND)
FA (2ND)-1
FB
FB1
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G3 (2ND)
G3-1
G3-2
G3-3
G3-4 (2ND)
G3-6
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GN-121
GN-98
K (EAST)
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K5-1 (2ND)
K5-1 (WEST)
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K5-1AA (TRANSF.)
K5-1AAA
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KC (WEST)
KC(ABILENE LOOP)
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KC7A1
KC7A1-1
KC7A2
KC7A4 (EXP)
KC7A5
KC7AA
KC7AA2
KC7AC
KCM
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KCR2-1
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KCRA
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KCRA6 (EXP)
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KCRAA1

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KCRAA3
KCRB
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KPD1E
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L (2ND)
L (2ND)-1
L (2ND)-2
L (NORTH)
L (RECONNECT)
L (SOUTH)
L (SOUTH) CONT.
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L14-1 (2ND)
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L15 (LOOP)
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L19 (LOOP)
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L19-3A1-1
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L29 (2ND)
L29 (2ND)-1
L29-1 (2ND)
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L29A
L29A1
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L32 (2ND)
L32 (2ND)-1
L32 (LOOP)
L32 (NORTH)
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L32 (WEST)-2
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L53 (EXP)
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L8 (2ND)(SOUTH)
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L8-9 (2ND)
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L8A

L8A (2ND)(EAST)
L8A (2ND)(EAST)-2
L8A (2ND)(WEST)
L8A (3RD)
L8A (3RD)-1
L8A (3RD)-2
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L8A2
L8A3 (SOUTH)
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L8AJ3
L8AJ5
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L8AM
L8AO (EXP)
L8B
L8B (2ND)
L8B (2ND)-1
L8B (3RD)
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LP (2ND)
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M (EXT)
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M11-7 (2ND)
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M19 (2ND)
M19 (2ND)-1
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M6 (2ND)
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M9-1
MA
MAA
MAA (2ND)
MAA (2ND)-1
MAA1
MAY
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N6-7 (EXP)(OTH)
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N7 (LOOP)
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NA (EXP)
NT-201
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O (EAST)
O (EAST)(EXT)
O (EAST)(EXT)-2
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O2 (2ND)
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O29 (2ND)
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O3 (2ND)
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O55 (EXP)(OTH)

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OFF-18 (EXP)
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OFF-30 (EXP)
OFF-32 (EXP)
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OR
OR (2ND)
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P (NORTH)
P (SOUTH)
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P7-2-1
P7-3A
P7-3B
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P8 (EXP)
P9
PA
PB (EXP)
PLANO DT 1
PLANO DT 1-1
R (2ND)
R (2ND)-1
R (2ND)-2
R (EAST)
R (EAST)(EXT)
R (WEST)
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R10
R10-2
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R1-1 (EXP)
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RFB
RFB1
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RFBG
RH (2ND)
RH (NORTH)
RH (SOUTH)
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RH3
RH3-1
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RH4-1
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RJ (2ND)
RJ1
RJ2 (EXP)
RN
ROUND ROCK DT 1
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S (3RD)
S (3RD)-1
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S12-1
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S13-1
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S14-1
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S17 (2ND)
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S2 (LOOP)(EAST)
S2 (LOOP)(WEST)
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S2-1
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S2-14 (EXP)
S2-19 (EXP)
S22
S2-2
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S2-22-1-1
S2-22-1-1A
S2-22-1-2
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S2-24 (EXP)
S2-26 (EXP)
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S2G7
S2G8
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S2GB1
S2GBA (EXP)
S2GC
S2GE
S2GE1
S2GE2
S2GF (EXP)(OTH)
S2GF-2
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S2V (EXP)
S2Y (OTH)
S3
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S6-1
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SC
SC1
SD
SDA
SDAA
SDAAA
S DNEY
S DNEY1
SK
SK (2ND)
SK (2ND)-2
SK (2ND)-3
SK (3RD)
SK (3RD)-2
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SK1 (3RD)
SK1 (EXP)
SK2 (EXP)
SU
SU1
SU5
SUAA1
SUAA1-1
SUF (EXP)
SV
SV1 (LOOP)
SV1-2 (EXP)(OTH)
SV2
T (SOUTH)
T3
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T PS (EXP)
TK
TK1
U
U (800#)
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U6 (2ND)
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UE2
UE3 (EXP)
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V1 (2ND)
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V16 (EXP)
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V16-4 (EXP)
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V19 (EXP)
V20 (EXP)
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V3A
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V4-1
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V4-2 (EXP)
V4-2-2 (EXP)
V43
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V4-4 (EXP)
V4-5 (EXP)
V4A
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V6
V6-1
V6-2
V6-2-1
V9
VA
VB
VB1 (EXP)
VB3
VD
VF (EXP)
VG (EXP)

VH
VK
VLD
VLDA (EXP)
VLDB
VLDB1
VLS
VO
VP
VP (2ND)
VP (X-OVER)
VP1
VP2
W
W (LOOP)
W (LOOP)-1
W (LOOP)-2
W (LOOP)-4
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W5 (LOOP)
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W7 (LOOP)
W7 (LOOP)-1
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W7-3 (EXT)
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WA-1
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WA14 (EXP)
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WA16 (EXP)
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WAAA (EXP)
WAB
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WAB2
WAD
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WD2A
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WE (LOOP)
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WEST BROWNWOOD
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WL-10H
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WL-12H
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X16 (EXP)
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X16A (EXP)
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X22 (NORTH)
X22 (SOUTH)
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X24 (2ND)
X2-4 (EXP)
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X2-5 (EXP)
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X37
X38
X41
X42
X44
X46
X47
X49
X5
X50
X51
X52
X53
X5-3
X54
X5-4
X55
X56
X57
X58
X5-8
X59
X5A
X60
X61
X62
X63
X64
X65
X66
X67
X68
X69
XB (EXP)
XC (EXP)
XC1 (EXP)
XC2 (EXP)
XC3 (EXP)
XC4 (EXP)
XC5 (EXP)
XC6 (EXP)
XD (EXP)
XD1
XE (EXP)
XF (EXP)
XF1
XT1
XT10
XT11
XT12

XT1-2
XT1-3
XT18
XT19
XT2
XT20
XT21
XT21-1
XT21-2
XT21-3
XT22
XT24
XT25
XT25-1
XT25-2
XT25-3
XT26
XT28 (EXP)
XT28A
XT28B
XT29
XT29-1
XT3
XT4
XT5
XT6
XT6-1
XT6-2
XT6-3
XT6-4
XT6-4-1
XT6-4-1-1
XT6-4-1-2
XT6-5
XT6-5-1
XT6-5-2
XT6-6
XT7
XT7-1
XT8
XT9
XTA (EXP)
XV
XV1
XV2
XV3
XV4
XV4-1
Y
Y1
Y10
Y1-1
Y1-2
Y1-3
Y1-4
Y1-5
Y1-6
Y2
Y3
Y3-1
Y4
Y5
Y6
Y6-1
Y6-2
Y6A
Y7
Y7A
Y8
Y8-1
Y8A
Y9

Date	Description	By
3/29/2021	Change Pig_Type to include Brush Magnet Mandrel Pig	Broadhead, Bren