

EPO-08-TLN-200-L2  
EPO-08-TLN-400  
EPO-04-TLN-400-L3



### Hydrostatic Test Pressure Log

Test Start Date: 12-7-14

Pipeline or Fabrication Name: 15 North Lateral #1, 15 South Lateral #2

Pipeline or Fabrication Location: 4" South Lateral Included in Test Job #: 15415

Client: Noble Energy AFE# 201146

Pipe O.D.: 8.625 Grade: X52 W.T.: 322

STA No.: \_\_\_\_\_ To STA No.: \_\_\_\_\_ Volume: 20,000 Gals.

Dead Weight Tester Serial No.: 6153 Digital gauge:

Chart Recorder Serial No.: 111815

Inspection Rep.: Justin Bryan G

Readings to be entered at 15 intervals

BEES Rep: Scott Mudding

Time	Dead Weight Press.	Digital Gauge Press.	Ambient Temp. Deg. F.	Line Temp. Deg. F.	Water +/- gals.	Remarks
8:25	0	0	36	44		
8:30	160	160	37	44		
8:45	498	497	37	45		
9:00	1089	1088	38	46		
9:15	1089	1088	38	46		
9:30	1089	1088	39	46		
9:45	1089	1088	39	46		
10:00	1089	1088	40	48		
10:15	1090	1089	41	48		
10:30	1090	1089	42	49		
10:45	1090	1089	44	50		
11:00	1090	1089	46	50		
11:15	1091	1090	46	52		
11:30	1092	1091	48	54		
11:45	1092	1091	50	55		
12:00	1093	1092	51	56		
12:15	1094	1093	52	57		
12:30	1094	1093	53	57		
12:45	1095	1094	55	58		
1:00	1095	1094	55	57		
1:15	1095	1094	57	58		
1:30	1096	1095	57	58		
1:45	1096	1095	56	59		
2:00	1097	1096	57	59		

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Tel: 970-532-0600  
Fax: 970-532-4847  
100 Commerce Drive  
Berthoud CO. 80513

www.BlackEagleEnergyServices.com



## Hydrostatic Test Pressure Log

Test Start Date: 12-1-19

Pipeline or Fabrication Name: 15 North Lateral #1, 15 South Lateral #2

Pipeline or Fabrication Location: \$ 4" South Lateral included in Test Job #: 15415

Client: Noble Energy AFE# 201146

Pipe O.D.: 8.625 <sup>4.5</sup> Grade: A 52 W.T. .322

STA No.: \_\_\_\_\_ To STA No.: \_\_\_\_\_ Volume: 20,000 Gals.

Dead Weight Tester Serial No.: 6153

Chart Recorder Serial No.: 111815

Inspection Rep. Justin Brown GPC

Readings to be entered at 15 intervals

BEES Rep: Scott Mollay

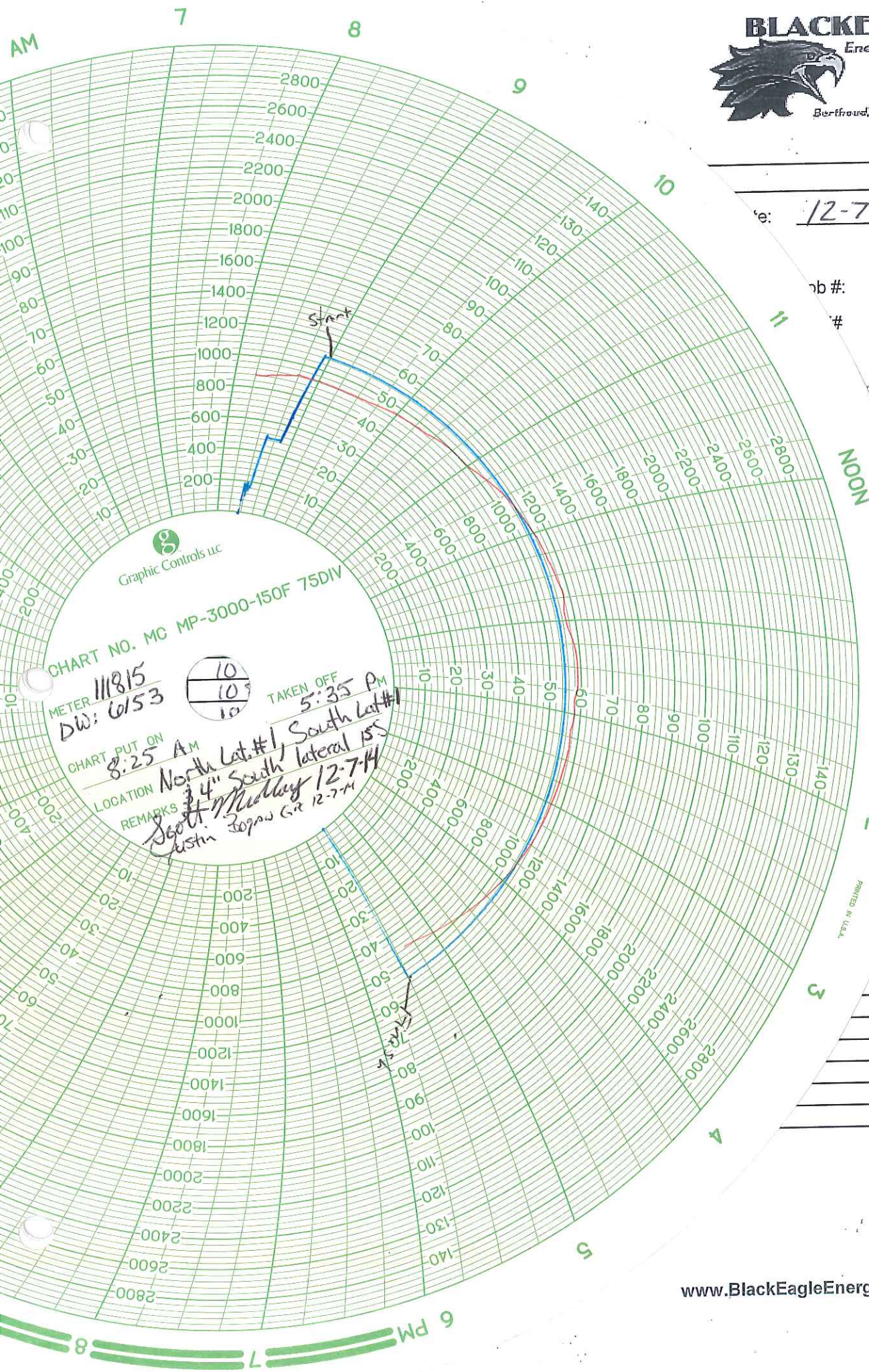
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Date: 12-7-14

Job #: 15415

# 201146

Gals.

NOON

1

2

3

4

5

6 PM

7

8

METER 111815  
DW: 6153  
CHART PUT ON 8:25 AM  
LOCATION North Lat. #1, South Lat. #1  
REMARKS 34" South lateral 155  
Scott M. Mulvey 12-7-14  
Justin Zogaw G.R. 12-7-14

TAKEN OFF  
5:35 PM



# JMC INSTRUMENTS, INC.

9829 E Easter Ave • Centennial, Colorado 80112  
Telephone: (303) 794-8833 • Fax: (303) 730-1220

Date: 3 DEC. 2014

## Cross Country Pipeline

JMC Instruments, Inc. certifies that the listed one (1) instruments were calibrated on equipment which is traceable to the National Institute of Standards and Testing (N.I.S.T.). The standards have been compared to the standard of the State of Colorado. See certificate #14-396 issued by the State of Colorado. The equipment used for certification is serial number 1GA44774.

Calibration performed on work order number 3939

By: Warren Johnston

Description: DEADWEIGHT REFINERY SUPPLY

CN 35265-1

SN 6153

50 TO 3045 PSIG

PISTON ASSEMBLY PLUS 17 WEIGHTS

Missing One PSIG Weight ; One 2 PSIG Weight Is From SN 6280 And Is Corrupt Value For This DWI.

# Cross Country Pipeline Supply CO. Inc

Sales and Service

2251 Rifle Street - Aurora, Colorado 80011

Phone 303.361.6797 Fax 303.361.6836

## NIST CALIBRATION DATA

Model Number	Serial Number	Customer	Range	Accuracy
202A	111815	BLACKEAGLE ENERGY	3000# - 150F	1/2%
Work Performed:		Calibration: Output/Reading	Results: Pressure	
Calibrate to Mfg. Spec.		0 PSI	0 PSI	
		600 PSI	600 PSI	
		1200 PSI	1200 PSI	
		1800 PSI	1800 PSI	
		2400 PSI	2400 PSI	
		3000 PSI	3000 PSI	
		33 Deg	33 DEG	
		59 DEG	59 DEG	
		110 DEG	110 DEG	
		150 DEG	150 DEG	
PO Number		Sales Order Number	Date of Test	
RECALIBRATED		RECERTED	11/20/2014 8:38:45 AM	

Remarks:

## Standard Used:

Manufacturer	Model	Instrument	Calibration Date	Certification #
Perma-Cal	101FTM15B21	Pressure Gauge	07/21/2014	08-009B
Tech Instrumentation	TM99A	Thermometer	07/21/2014	51055

Don F.

Signature

*Don Friel* 11-20-14





INSTRUMENTS INC

9829 E. Easter Ave. • Centennial, CO 80112

303.794.8833 • Fax 303.730.1220

Toll Free 1.800.327.7257

www.jmcinstruments.com

### CERTIFIED CALIBRATION

CUSTOMER BLACK EAGLE ENERGY ORDER NO. \_\_\_\_\_

ITEM DIGITAL GAUGE RANGE 0/3000 PSI ITEM NO. 3884

TRUE VALUE <i>PSI</i>	INDICATED VALUE	
	INCREASING READINGS	DECREASING READINGS
0.	0.0	0.0
300.	299.3	299.4
600.	598.8	599.0
900.	898.5	898.8
1200.	1198.2	1198.3
1500.	1497.9	1498.0
1800.	1797.6	1797.8
2100.	2097.5	2097.7
2400.	2397.0	2397.0
2700.	2696.7	2696.7
3000.	2996.6	2996.6

Tested on ☒ Deadweight Tester S/N 1GA44774

☐ Deadweight Tester S/N 71867

Traceable to National Institute of Standards and Technology certificate

# 08-009B

Tested by Waron Johnston Date 10 July 2014

Remarks:

CRYSTAL ENGINEERING c/m 1 s/n 257701  
ACCURACY IS  $\pm \frac{1}{4}$  % OF FULL SCALE OR BETTER  
TESTED AT 70 °F; 620 mm Hg. ATM. PRESSURE