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Hydrostatic Test Pressure Log

Test Start Date: 9-29-14

Pipeline or Fabrication Name: NCLP AAO6, AAO7, & Mahalo State AAO9 Economic

Pipeline or Fabrication Location: CR 84 & CR 65

Job #:

Contractor: BlackEagle Energy Services

Pipe O.D.: 6 5/8 Grade: API 5L X42 W.T. STD

STA No.: To STA No.: Volume: Gals.

Dead Weight Tester Serial No.: 7968

Chart Recorder Serial No.: 231576

Inspection Rep.:

Readings to be entered at 15 minute intervals

Time	Dead Weight Press.	Chart Recorder/ Gauge Press.	Ambient Temp. Deg. F.	Line Temp. Deg. F.	Water +/- gals.	Remarks
7:30	1095	1095.6	54	55		
7:45	1095	1095.6	54	55		
8:00	1096	1096.0	54	56		
8:15	1096	1096.5	55	56		
8:30	1098	1098.5	58	60		
8:45	1099	1099.9	60	61		
9:00	1099	1099.3	64	62		
9:15	1099	1099.1	64	62		
9:30	1099	1099.2	64	62		
9:45	1099	1099.8	66	64		
10:00	1099	1099.0	69	66		
10:15	1099	1099.8	69	66		
10:30	1099	1099.7	69	68		
10:45	1099	1099.5	72	69		
11:00	1099	1099.9	71	69		
11:15	1099	1099.3	70	70		
11:30	1099	1099.2	71	69		
11:45	1099	1099.4	71	70		
12:00	1098	1098.0	73	72		
12:15	1099	1099.7	72	71		
12:30	1099	1099.5	75	74		
12:45	1099	1099.4	75	74		
1:00	1099	1099.3	72	72		
1:15	1098	1098.7	74	74		

Test No.:

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Of

BEEES Alejandro Guerra
Gervasio

Tel: 970-532-0600

Fax: 970-532-4847

100 Commerce Drive

Berthoud CO, 80513

www.BlackEagleEnergyServices.com



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[illegible]

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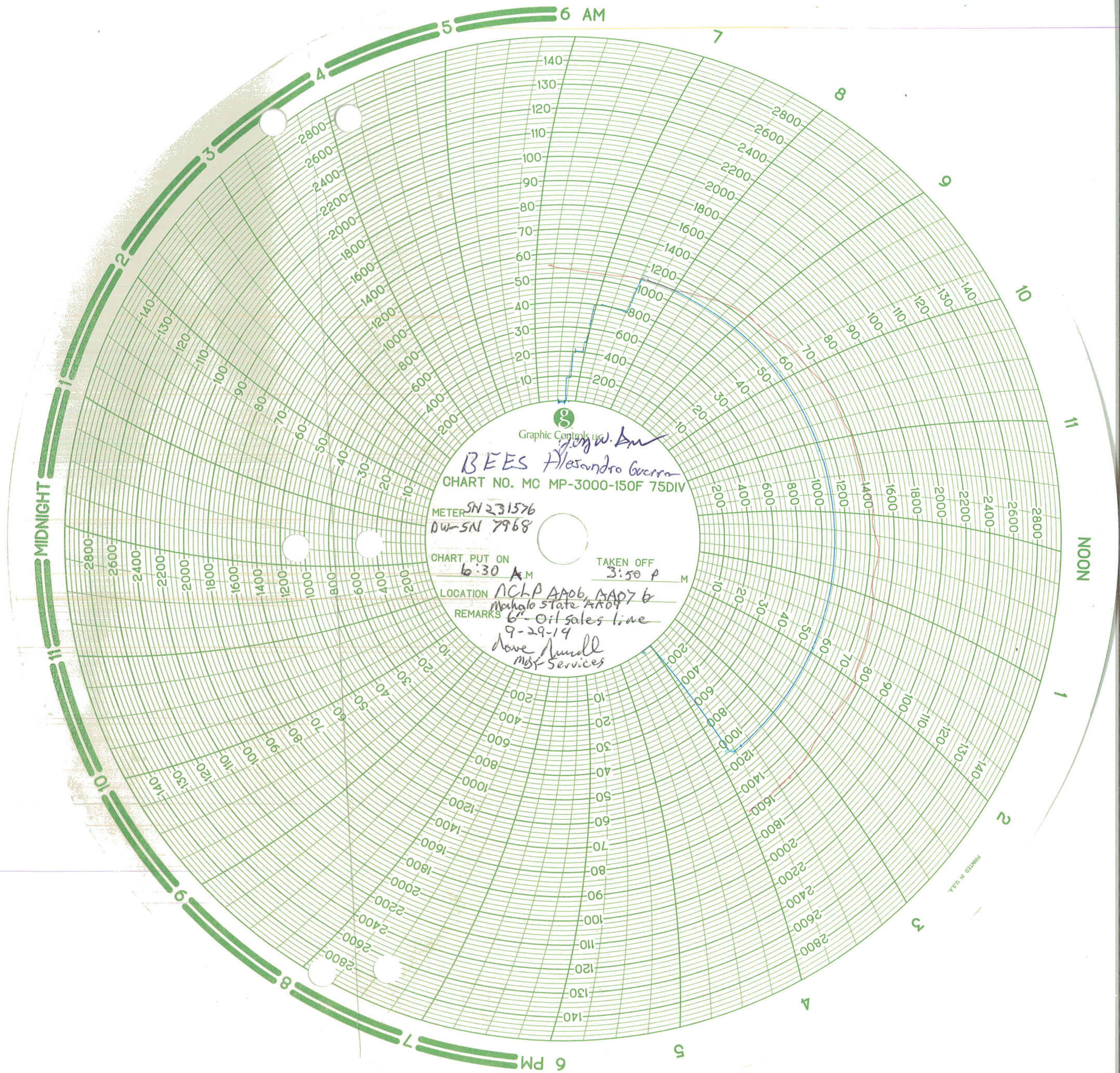
Of

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INSTRUMENTS, INC.


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

Date: 11-22-13

Blackeagle Energy Services

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 #08-009B issued by the State of Colorado. The equipment used for certification is serial number 1GA44774.

Calibration performed on work order number 3713

By: Warren Johnston 

Description: DEADWEIGHT CHANDLER ENGINEERING

CN 5-1 SN 7968 50 TO 3040 PSIG

PISTON ASSEMBLY PLUS 17 WEIGHTS MISSING (1) 10 PSIG WEIGHT

Cross Country Pipeline Supply CO. Inc

Sales and Service

2251 Rifle Street - Aurora, Colorado 80011

Phone 303.361.6797 Fax 303.361.6836

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NIST CALIBRATION DATA

Model Number	Serial Number	Customer	Range	Accuracy
202A	231576	BLACK EAGLE	3000# - 150F	1/2%
Work Performed:		Calibration: Output/Reading	Results: Pressure	
Calibrate to Mfg. Spec.		0 PSI	600 PSI	
		600 PSI	1200PSI	
		1200 PSI	1800 PSI	
		1800 PSI	2400 PSI	
		2400 PSI	3000 PSI	
		3000 PSI	33 DEG	
		33 Deg	33 deg	
		71 deg	71 deg	
		96 deg	96 deg	
		145 deg	145 deg	
PO Number		Sales Order Number	Date of Test	
RECALIBRATED		RECERT	6/17/2014 10:36:47 AM	

Remarks:

Standard Used:

Manufacturer	Model	Instrument	Calibration Date	Certification #
Perma-Cal	101FTM15B21	Pressure Gauge	07-18-2013	08-009B
Tech Instrumentation	TM99A	Thermometer	07-22-2013	48225

Mike L.

Signature

 6/17/14