

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OC D Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM0560353

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
CRESCENT HALE 10 FEDERAL 1

9. API Well No.
30-015-39824-00-X1

10. Field and Pool, or Exploratory
HACKBERRY

11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Contact: DEYSI FAVELA
CIMAREX ENERGY COMPANY OF CO-Mail: dfavela@cimarex.com

3a. Address
600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-620-1964

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 11 T19S R30E NENW Lot C 1075FNL 1890FWL
32.679161 N Lat, 103.945089 W Lon

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

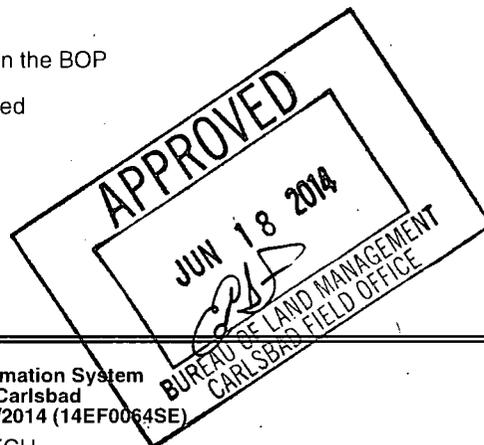
Cimarex Energy Co. respectfully request approval for variance to use a co-flex hoe between the BOP and Choke manifold on Noram26 while drilling the Crescent Hale 10 Federal No. 1 well. Certification and other documents related to the flex hose are attached along with the revised Choke Manifold Diagram

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 20 2014

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECEIVED



14. I hereby certify that the foregoing is true and correct.
Electronic Submission #250007 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by ED FERNANDEZ on 06/18/2014 (14EF0064SE)

Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECH
Signature (Electronic Submission)	Date 06/18/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ	Title PETROLEUM ENGINEER	Date 06/18/2014
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL

Sundry dated 06/18/2014

OPERATOR'S NAME:	CIMAREX ENERGY
LEASE NO.:	NM-0560353
WELL NAME & NO.:	CRESCENT HALE 10 FED COM #1
SURFACE HOLE FOOTAGE:	1075' FNL & 1890' FWL
BOTTOM HOLE FOOTAGE:	500' FNL & 330' FWL (Sec. 10)
LOCATION:	Section 11, T. 19 S., R. 30 E., NMPM
COUNTY:	Eddy County, New Mexico

The Original COA still stand with the following modifications and additions:

1. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. **Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.** If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).

EGF 061814

Exhibit F – Co-Flex Hose
Crescent Hale 10 Federal 1
Cimarex Energy Co. of Colorado
SHL 1075 FNL & 1890 FWL; 11-19S-30E
BHL 500 FNL & 330 FWL; 10-19S-30E
Eddy County, NM

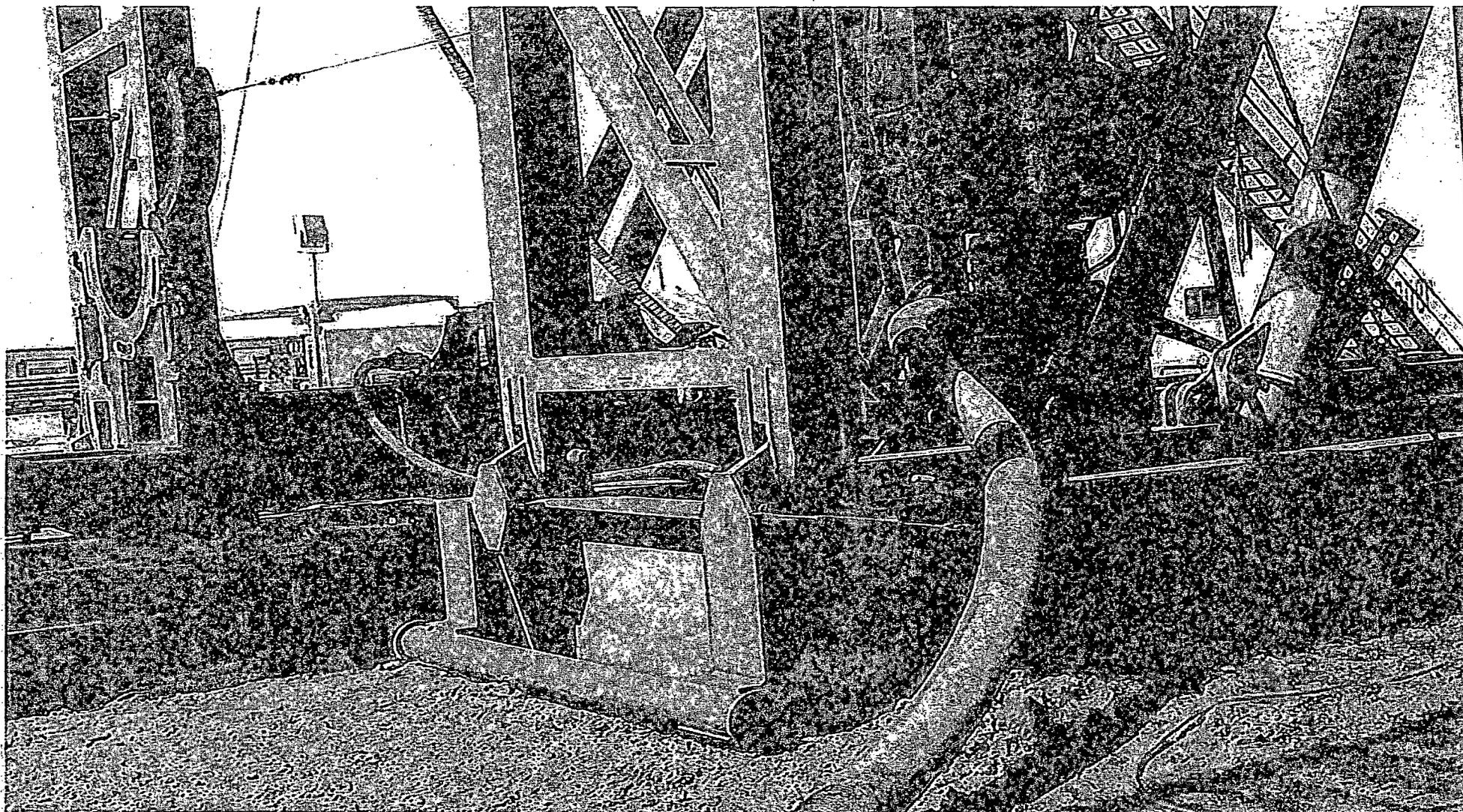


Exhibit F-1 – Co-Flex Hose Hydrostatic Test
Crescent Hale 10 Federal 1
 Cimarex Energy Co. of Colorado
 SHL 1075 FNL & 1890 FWL; 11-19S-30E
 BHL 500 FNL & 330 FWL; 10-19S-30E
 Eddy County, NM



Midwest Hose & Specialty, Inc.

INTERNAL HYDROSTATIC TEST REPORT		
Customer: Oderco Inc		P.O. Number: odyd-271
HOSE SPECIFICATIONS		
Type: Stainless Steel Armor Choke & Kill Hose		Hose Length: 45'ft.
I.D.	4 INCHES	O.D. 9 INCHES
WORKING PRESSURE	TEST PRESSURE	BURST PRESSURE
10,000 PSI	15,000 PSI	0 PSI
COUPLINGS		
Stem Part No. OKC OKC		Ferrule No. OKC OKC
Type of Coupling: Swage-It		
PROCEDURE		
<i>Hose assembly pressure tested with water at ambient temperature.</i>		
TIME HELD AT TEST PRESSURE		ACTUAL BURST PRESSURE:
15 MIN.		0 PSI
Hose Assembly Serial Number: 79793		Hose Serial Number: OKC
Comments:		
Date: 3/8/2011	Tested: <i>A. James Jones</i>	Approved: <i>[Signature]</i>



Midwest Hose & Specialty, Inc.

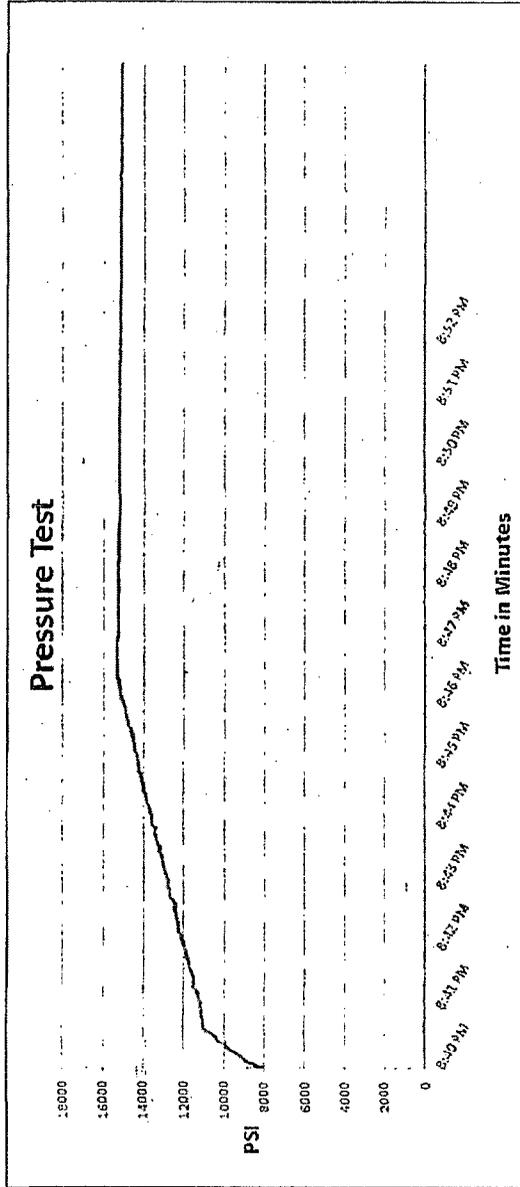
Internal Hydrostatic Test Graph

March 3, 2011

Customer: Houston

Pick Ticket #: 94260

Hose Specifications		Verification	
Hose Type C & K	Length 45'	Type of Fittings 4 1/16 10K	Counting Method Swage
I.D. 4"	O.D. 6.09"	Die Size 6.38"	Final O.D. 6.25"
Working Pressure 10000 PSI	Burst Pressure 34,000 PSI (Safety Multiplier Applies)	Hose Serial # 5544	Hose Assembly Serial # 79733



Test Pressure 15000 PSI Time Held at Test Pressure 11 Minutes Actual Burst Pressure Peak Pressure 15483 PSI

Comments: Hose assembly pressure tested with water at ambient temperature.

Tested By: *Zac McConnell*

Approved By: *Kim Thomas*

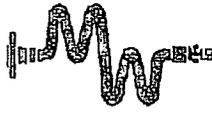
Exhibit F-2 – Co-Flex Hose
Crescent Hale 10 Federal 1
Cimarex Energy Co. of Colorado
SHL 1075 FNL & 1890 FWL; 11-19S-30E
BHL 500 FNL & 330 FWL; 10-19S-30E
Eddy County, NM



Midwest Hose & Specialty, Inc.

Certificate of Conformity

Customer:		PO	
DEM		ODYD-271	
SPECIFICATIONS			
Sales Order		Dated:	
79793		3/8/2011	
<p>We hereby certify that the material supplied for the referenced purchase order to be true according to the requirements of the purchase order and current industry standards</p> <p>Supplier: Midwest Hose & Specialty, Inc. 10640 Tanner Road Houston, Texas 77041</p>			
Comments:			
Approved:		Date:	
<i>Janet Garcia</i>		3/8/2011	



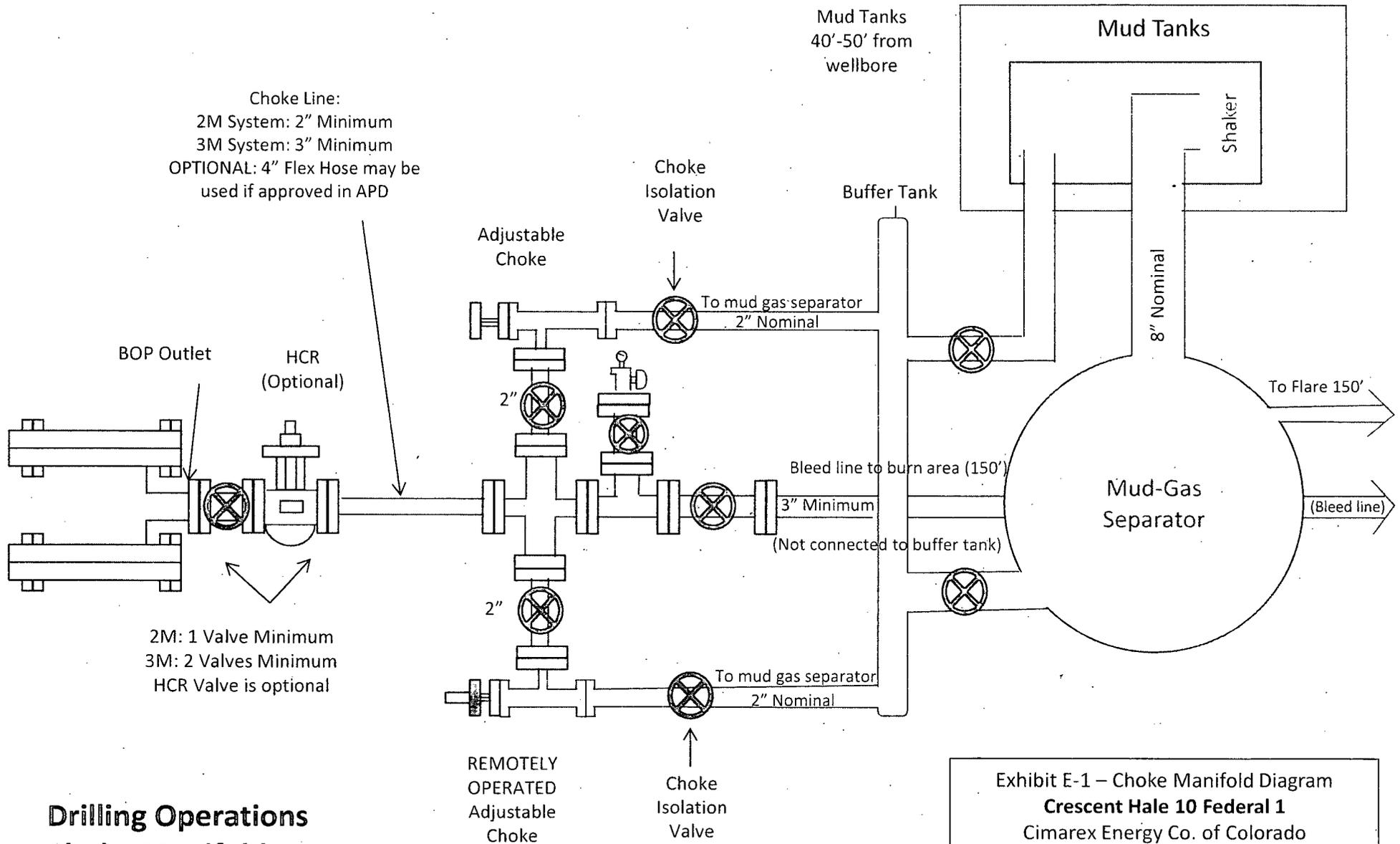
Midwest Hose
& Specialty, Inc.

Exhibit F -3- Co-Flex Hose
Crescent Hale 10 Federal 1
Cimarex Energy Co. of Colorado
SHL 1075 FNL & 1890 FWL; 11-19S-30E
BHL 500 FNL & 330 FWL; 10-19S-30E
Eddy County, NM

Specification Sheet Choke & Kill Hose

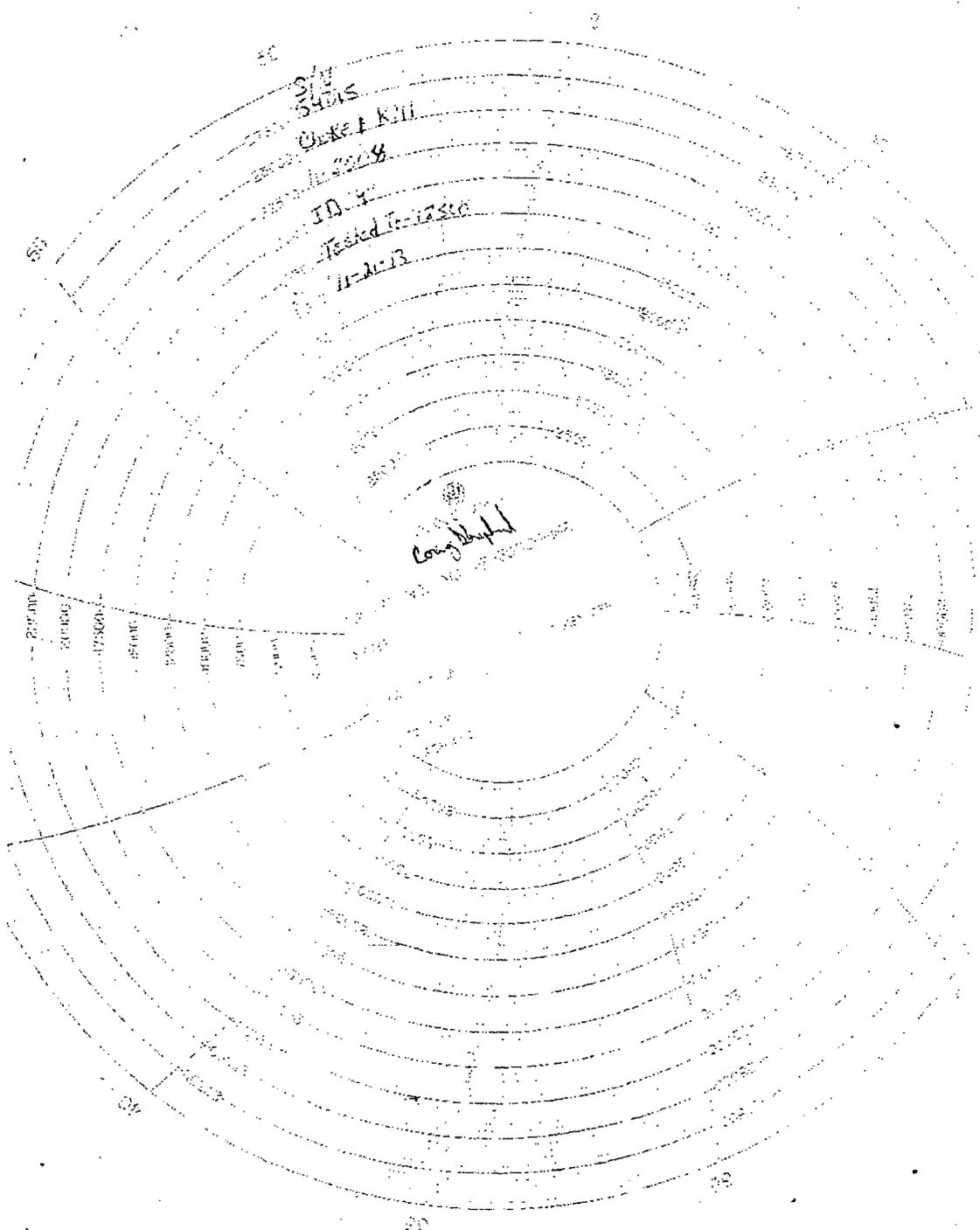
The Midwest Hose & Specialty Choke & Kill hose is manufactured with only premium components. The reinforcement cables, inner liner and cover are made of the highest quality material to handle the tough drilling applications of today's industry. The end connections are available with API flanges, API male threads, hubs, hammer unions or other special fittings upon request. Hose assembly is manufactured to API 7K. This assembly is wrapped with fire resistant vermiculite coated fiberglass insulation, rated at 2000 degrees with stainless steel armor cover.

Working Pressure:	5,000 or 10,000 psi working pressure
Test Pressure:	10,000 or 15,000 psi test pressure
Reinforcement:	Multiple steel cables
Cover:	Stainless Steel Armor
Inner Tube:	Petroleum resistant, Abrasion resistant
End Fitting:	API flanges, API male threads, threaded or butt weld hammer unions, unbolt and other special connections
Maximum Length:	110 Feet
ID:	2-1/2", 3", 3-1/2", 4"
Operating Temperature:	-22 deg F to +180 deg F (-30 deg C to +82 deg C)



**Drilling Operations
 Choke Manifold
 2M/3M Service**

Exhibit E-1 – Choke Manifold Diagram
Crescent Hale 10 Federal 1
 Cimarex Energy Co. of Colorado
 SHL 1075 FNL & 1890 FWL; 11-19S-30E
 BHL 500 FNL & 330 FWL; 10-19S-30E
 Eddy County, NM





4749 Eastpark Drive
Houston, TX 77028
United States of America
713-672-1777

Hydrostatic Test Certification

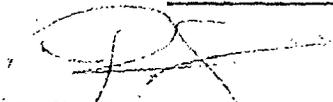
Robesco, Inc. certifies that the following used hose assembly has been hydrostatically tested of 1.25 times rated working pressure for 15 minutes. The hose was pressurized and maintained a minimum 12,500 PSI for the full duration of the test.

Assembly Part Number <u>Unknown - 4IN X 42FT 10K C&K w/ 4-1/16 10K Flanges</u>	Serial Number / Date Code <u>54315</u> Re-Test Date: <u>11/22/2013</u>
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Chart Recorder Information			
Hose Size	Testers	Serial Number	Calibration Date
<u>42FT</u>	<u>OC CS</u>	<u>Recorder 22349</u>	<u>Nov 1st 2013</u>

Hydrostatic Test: Passed - 15 min @ 1.25 working
Visual Inspection: Warnings - see comments below

Comments: Armor cover was repair where damage was significant.
Hose is 5 years old as of Nov 2008. Flanges passed hydrostatic test.



QA Representative Signature

11/22/2013
Date & Initial