

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
CRESCENT HALE 10 FEDERAL 1

2. Name of Operator

CIMAREX ENERGY COMPANY OF CO

Contact: DEYSI FAVELA

Email: dfavela@cimarex.com

9. API Well No.

30-015-39824-00-X1

3a. Address

600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1964

10. Field and Pool, or Exploratory
HACKBERRY

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

11. County or Parish, and State

EDDY COUNTY, NM

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 A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recompletable 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 recompletable 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.)

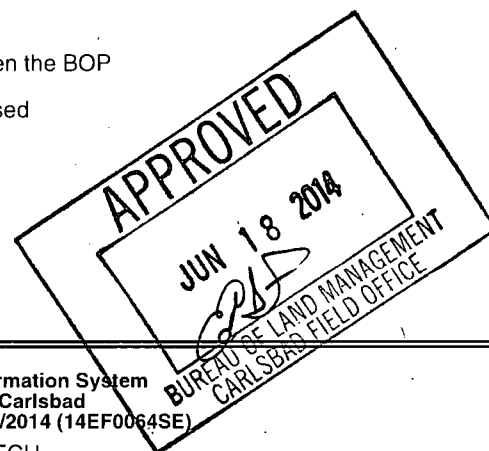
Cimarex Energy Co. respectfully request approval for variance to use a co-flex hose between the BOP and Choke manifold on Noram26 while drilling the Crescent Hale 10 Federal No. 1 well. Certification and other documents related to the flex hose are attached along with the revised Choke Manifold Diagram

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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

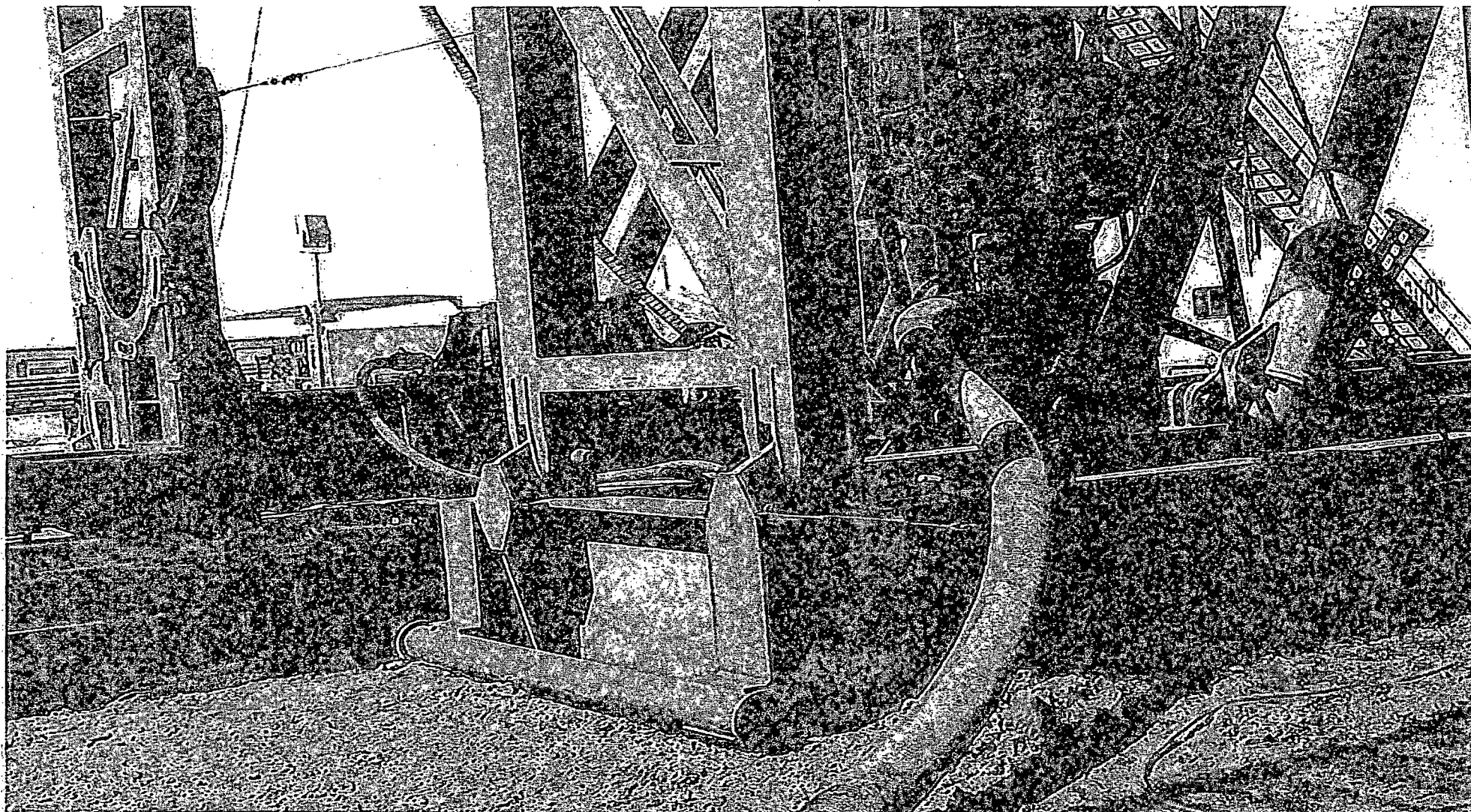


Exhibit F-1 - Co-Flex Hose Hydrostatic Test

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:		P.O. Number:	
Oderco Inc		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.		Ferrule No.	
OKC OKC		OKC OKC	
Type of Coupling:			
Swage-It			
PROCEDURE			
<u>Hose assembly pressure tested with water at ambient temperature.</u>			
TIME HELD AT TEST PRESSURE		ACTUAL BURST PRESSURE:	
15 MIN.		0 PSI	
Hose Assembly Serial Number:		Hose Serial Number:	
79793		OKC	
Comments:			
Date:		Tested:	Approved:
3/8/2011		<i>A. Joins</i>	<i>[Signature]</i>



Midwest Hose
& Specialty, Inc.

Internal Hydrostatic Test Graph

Customer: Houston

Pick Ticket #: 94260

Hose Specifications

Hose Type
C & K

I.D.
4"

Working Pressure
10000 PSI

Length
45'

O.D.
6.09"

Burst Pressure
Standard Safety Factor Applies

Verification

Type of Fittings
41/16 10K

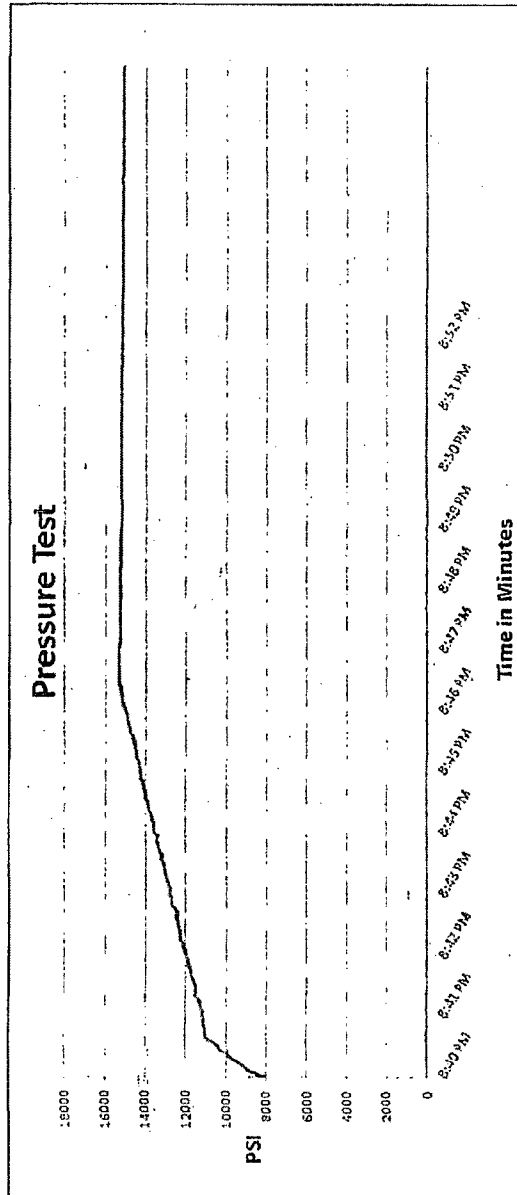
Die Size
6.38"

Hose Serial #
5544

Coupling Method
Swage

Final O.D.
6.25"

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

Certificate of Conformity

ODYD-271

3/8/2011

Supplier:
Midwest Hose & Specialty, Inc.
10640 Tanner Road
Houston, Texas 77041

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

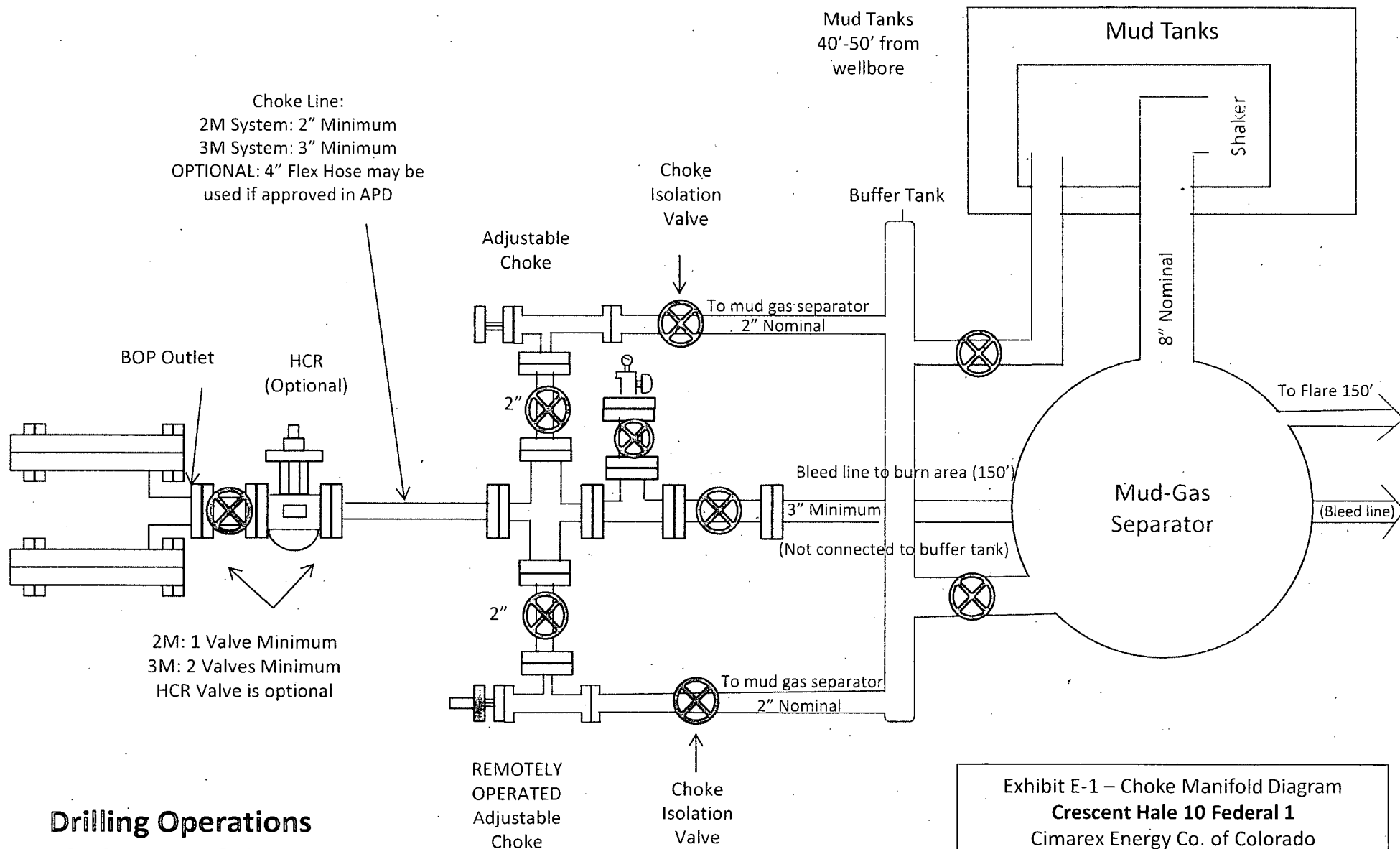
BHL 500 FNL & 330 FWL; 10-19S-30E

Eddy County, NM

Specification Sheet Choke & Kill Hose

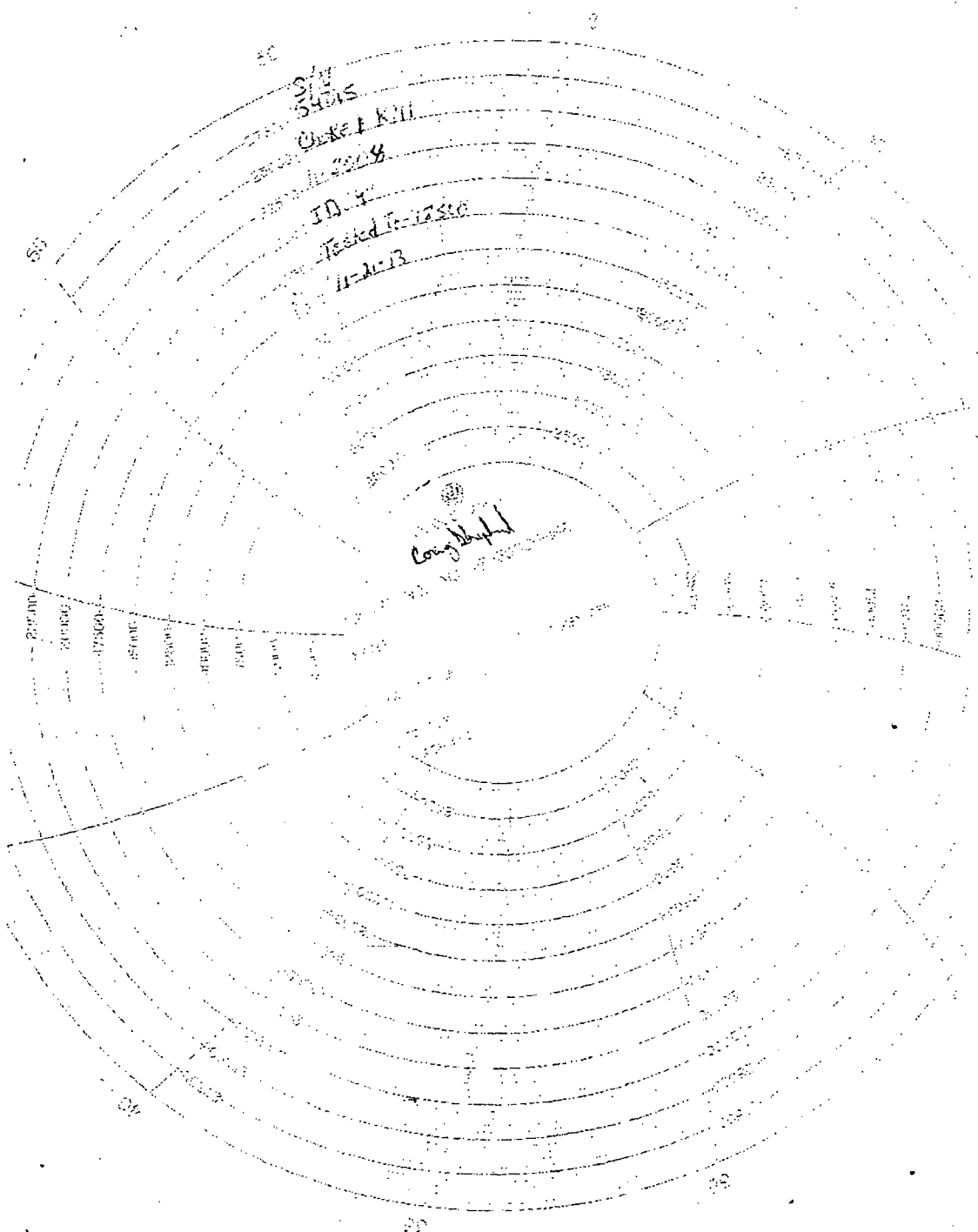
The Midwest Hose & Specialty Choke & Kill hose is manufactured with only premium components. The reinforcement cables, inner liner and cover are made of the highest quality material to handle the tough drilling applications of today's industry. The end connections are available with API flanges, API 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
Unknown - 4IN X 42FT 10K C&K
w/ 4-1/16 10K Flanges

Serial Number / Date Code
54315
Re-Test Date: 11/22/2013

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