

OCD-ARTESIA

Form 3160-5
(April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1 Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator **BOPCO, L. P.**

3a Address
P. O. Box 2760, Midland, TX 79702

3b. Phone No. (include area code)
432-683-2277

4 Location of Well (Footage, Sec., T, R, M., or Survey Description)

Surface: SENW, UL F, 2310' FSL, 530' FEL, Lat N32.333128, Long W103.827336
Bottom Hole: 700' FSL, 400' FWL, Sec 5, T23S, R31E, Lat: N32.328044, Long: W103.806636

5. Lease Serial No.
NM 02883A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No
James Ranch Unit #109H

9. API Well No.
30-015-38114

10 Field and Pool, or Exploratory Area
Quahada Ridge SE (Delaware)

11. County or Parish, State
Sec 1, T23S, R30E, Mer NMP

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 Certify armored flex hose.
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

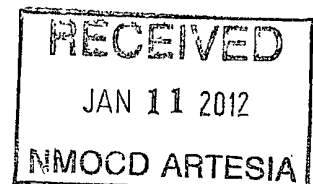
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation 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.)

BOPCO, L.P. would like to utilize an armored, 3", 5000 psi WP flex hose for the choke line in the drilling of the well. This is rig equipment and will help quicken nipple up time thus saving money without a safety problem. The hose itself is rated to 5000 psi and has 5000 psi flanges on each end. This well is to be drilled to 14,244' MD (7680' TVD) and max surface pressure should be +/- 1690 psi as prescribed in onshore order #2 shown as 0.22 psi/ft. Thus, 2000 psi BOPE (for 12-1/4" hole) and 3000 psi BOPE (for 8-3/4" and 6-1/8" hole) is all that is needed for this well.

The Latshaw #4 BOPE diagram (5000 psi as specified within the approved APD) is attached along with spec sheet and drawing of the 3-1/2" flex hose.

Accepted for record
NMOC
TCS 1/20/2012

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Charles Warne

Title **Drilling Engineer**

Signature

Charles Warne

Date

12-30-11

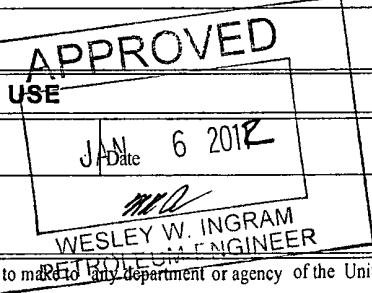
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office



Title 18 U.S.C. Section 1001 and Title 43 USC 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.

(Instructions on page 2)

MIDWEST
HOSE AND SPECIALTY INC.

INTERNAL HYDROSTATIC TEST REPORT		
Customer: LATSHAW DRILLING		P.O. Number: RIO#4
HOSE SPECIFICATIONS		
Type: CHOKE & KILL		Length: 30'
I.D. 3" INCHES		O.D. 6-1/2"
WORKING PRESSURE 5,000 PSI	TEST PRESSURE 10,000	BURST PRESSURE
COUPLINGS		
Stem Part No. D3.0X64WB		Ferrule No. D3.0X64WB
Type of Coupling: 4-1/16 5K FLANGE		Die Size:
PROCEDURE		
<i>Hose assembly pressure tested with water at ambient temperature.</i>		
TIME HELD AT TEST PRESSURE 15 MIN.		ACTUAL BURST PRESSURE: 0 PSI
COMMENTS: SER#81610		
Date: 3/1/2011	Tested By: DONNIE MCLEMORE	Approved: BRENT BURNETT

Choke & Kill, BOP

MW Choke & Kill

Designed as a flexible connection to the choke manifold.

Tube: petroleum resistant for oil based drilling fluids

Cover: ozone, petroleum, and abrasion resistant


Reinforcement: high tensile steel wire spiral layers

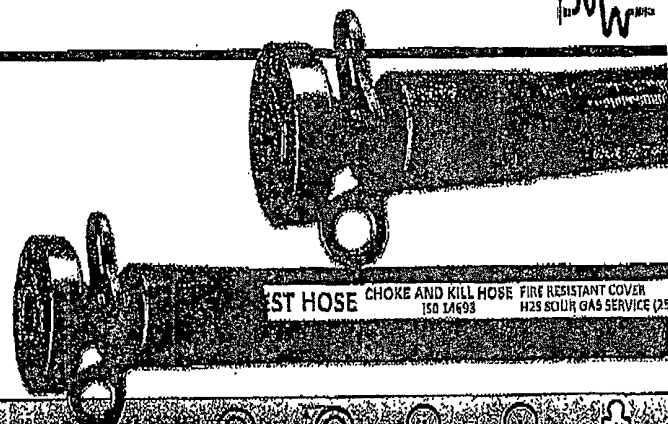
Thermal Blanket: 1500°

continuous ratings, non-flammable, non-conductive

Armor Wall: .144"

Max Length: 150 feet

 -20° F / +212° F
-29° C / +100° C



Item	ID Inch	OD Inch	WP PSI	Test PSI	Weight LBS/FT
CK-48 Red	3	4.94	5,000	10,000	14.9
CK-56 Red	3½	5.44			17.7
CK-64 Red	4	6.31			26.4
CK-48 Armor	3	6.5			20.8
CK-56 Armor	3½	7	10,000	15,000	23.1
CK-64 Armor	4	8			26.3
CK-4810K Red	3	5.31			22.3
CK-5610K Red	3½	5.81			25.0
CK-6410K Red	4	4.75			36.1
CK-4810K Armor	3	6.5			26.0
CK-5610K Armor	3½	7			29.0
CK-6410K Armor	4	8			32.8

MW BOP Control Line

For blowout preventer lines.


Tube: for hydraulic BOP actuation

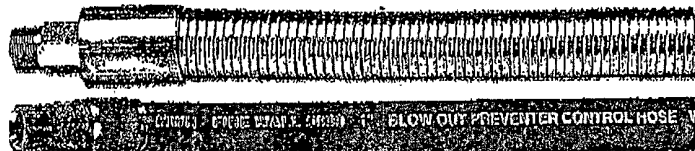
Thermal Blanket: 1500°

continuous rating, non-flammable, non-conductive

Armor Wall: .08"

Popular with a larger hex and longer threads for easier installation of hammer unions.

 -20° F / +212° F
-29° C / +100° C



Item	ID Inch	OD Inch	WP PSI	Test PSI	Weight LBS/FT
BOP-16 Armor	1	2.06	5,000	10,000	3.9
BOP-32 Armor	2	3.75			11.7
BOP-16	1	1.77			2.1
BOP-32	2	3.09			10.2

Carbon or stainless steel nipples are available and 1/2", 3/4", 1-1/4", and 1-1/2" sizes are available too.



Weld-on Flanges or Hammer Unions



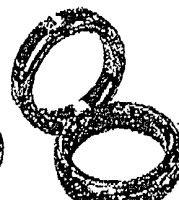
Integral 1002/1502 Hammer Union Fittings



Safety Clamps



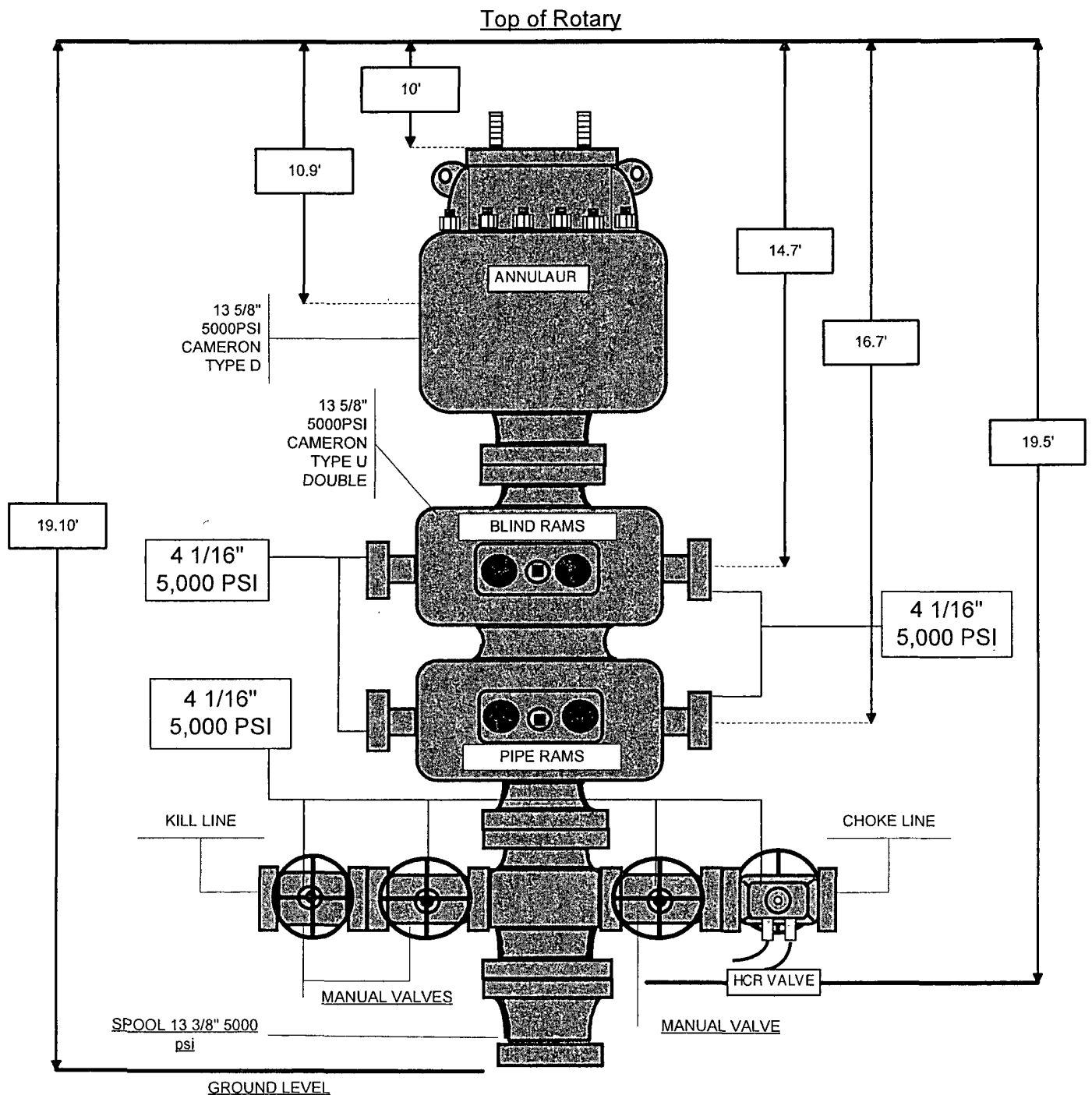
Fire Proof Quick Connects



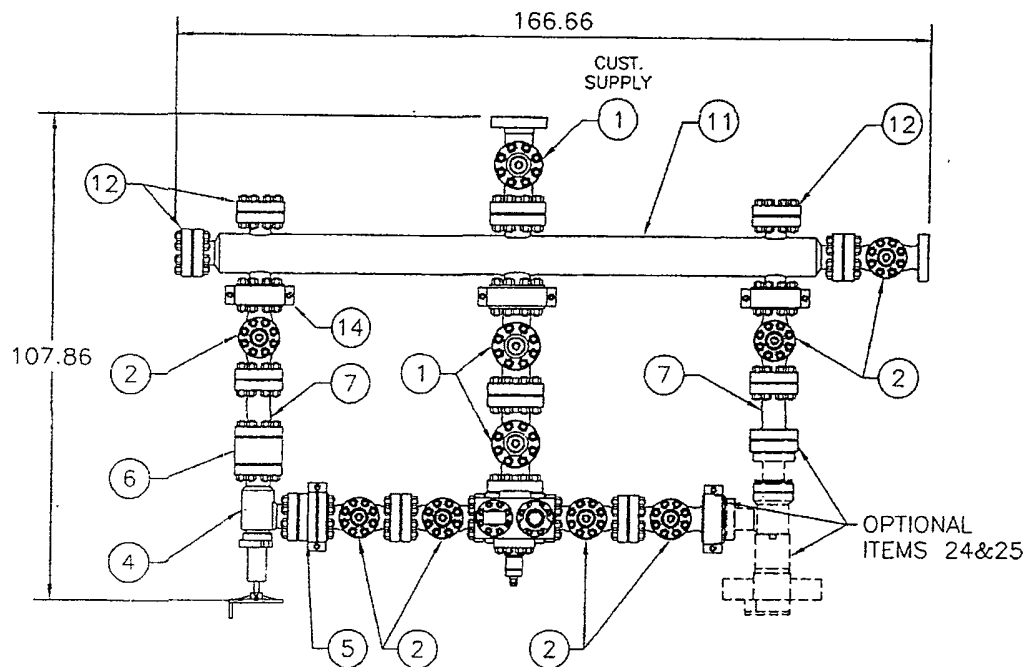
Ring Gaskets

LATSHAW DRILLING

RIG 4



Latshaw Drilling
RIG 4
CHOKE MANIFOLD



ITEM	PART NO.	QTY.	DESCRIPTION
1	90005-31-64-01	3	GV, MAN., 4-1/16" 5M
2	90004-31-64-01	7	GV, MAN., 3-1/8" 5M
3	90002-31-64-01	1	GV, MAN., 2-1/16" 5M
4	90096-31-16-41	1	CHOKE, 3-1/8" 5M
5	90254-03	1	DSA, 3-1/8" 5M
6	90254-04	1	DSA, 3-1/8" 5M
7	80094-07-02	2	SPOOL, SPACER, 3-1/8" 5M
8	90329-01	1	CROSS
9	90394-04	1	FLANGE, INSTRUMENT
10	41050-05	1	GAUGE
11	80451-08	1	BUFFER TANK
12	80364-02	3	FLANGE, BLIND
13	80084-04	1	SPOOL, ADAPTER, 2-1/16" 5M
14	90510-01	1	CLAMP SET
15	40235-084	24	STUDS, 1.25-8UN
16	40001-02	48	NUTS, 1.25-8UN
17	40234-076	80	STUDS, 1.125-8UN
18	40001-04	160	NUTS, 1.125-8UN
19	40209-39	4	GASKET, R-39
20	40209-35	16	GASKET, R-35
21	40209-24	4	GASKET, R-24
22	CS2000-01	1	NAMEPLATE
23	40401-01	4	DRIVE SCREW

OPTIONAL ITEMS NOT INCLUDED IN MANIFOLD ASSEMBLY:

24	90120-41-16-41	1	CHOKE, TYPE 32, HYD.
25	90254-02	2	DSA, 3-1/8" 5M X 2-9/16" 10M
26	96050-()	1	CONTROL PANEL, 32 CHOKE

ASSEMBLY DETAILS:

ITEM	DOC. NO.	DESCRIPTION
1	CS2039-01	ASSEMBLY DETAILS, CHOKE MANIFOLD

ENGINEERING/QUALITY SPECIFICATIONS:

ITEM	DOC. NO.	DESCRIPTION
1	TP109-01	HYDROSTATIC TESTING OF CHOKE MANIFOLDS, PSL-1

Oral approval granted at 1740 hours 12/28/2011 for use of flex hose on James Ranch Unit 109H. The following conditions apply (read carefully):

- 1. Variance approved to use flex line with Serial #81610 from BOP to choke manifold. Check condition of 3" 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. Anchor requirements to be onsite for review. 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).**
- 2. Operator to submit photograph showing hose serial number, which will be verified by BLM inspector.**
- 3. Operator to submit sundry within 5 business days to follow up the oral approval.**
- 4. Operator reminded that the flex hose variance is well specific and not for the rig. There are no blanket approvals for any BLM approved operation. This is a variance to Onshore Order 2 requirements and it is the responsibility of the operator to know these regulations.**
- 5. Operator approved to resume regular operations, but must still wait the minimum of 24 hours or 500 pounds compressive strength for the lead cement, whichever is greater due to R-111-P potash.**

WWI 010612