Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

Carlsbad Field Office
OCD Artesia

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM121473

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HH SO 10 P3 23H

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

2. Name of Operator
CHEVRON U.S.A. INC. 4323
Contact: DORIAN K. FUENTES
E-Mail: djvo@chevron.com

9. API Well No.
30-015-43932

3a. Address
ATTN DORIAN K. FUENTES 6301 DEAUVILLE BLVD
MIDLAND, TX 79706

3b. Phone No. (include area code)
Ph: 432-687-7631

10. Field and Pool or Exploratory Area
PURPLE SAGE;WOLFCAMP (GAS

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 3 T26S R27E Mer NMP SESW 528FSL 2066FWL
32.065407 N Lat, 104.180275 W Lon

11. County or Parish, State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original A PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Chevron respectfully requests the ability to change the BOPE rating for the selected well from a 10M system to a 5M system. The max mud weight at 10500' for the pore pressures is a 13.0 ppg. The MASP under these assumptions will be 4788 psi. The attached documents reflect a 5M system BOPE rating and test pressures.

Chevron requests a variance to use a FMC Technologies UH-2 multibowl wellhead which will be run through the rig floor on surface casing. BOPE will be nippled up and tested after cementing surface casing. Subsequent test will be performed as needed, not to exceed 30 days. The field report from FMC Technologies and BOP test information will be provided in a subsequent report at the end of the well. Please refer to the attached wellhead schematic.

should questions arise please contact me 432-687-7631 or bryson 832-683-0938

PC 6-6-17
Accepted for record - NMOCD

SEE ATTACHED FOR CONDITIONS OF APPROVAL

NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 06 2017
RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #371350 verified by the BLM Well Information System
For CHEVRON U.S.A. INC. 4323, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 04/03/2017 ()

Name *(Printed/Typed)* DORIAN K. FUENTES — Title REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 03/28/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Teungku Muchlis Krueng — Title PETROLEUM ENGINEER — Date

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

APPROVED
JUN - 2 2017
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

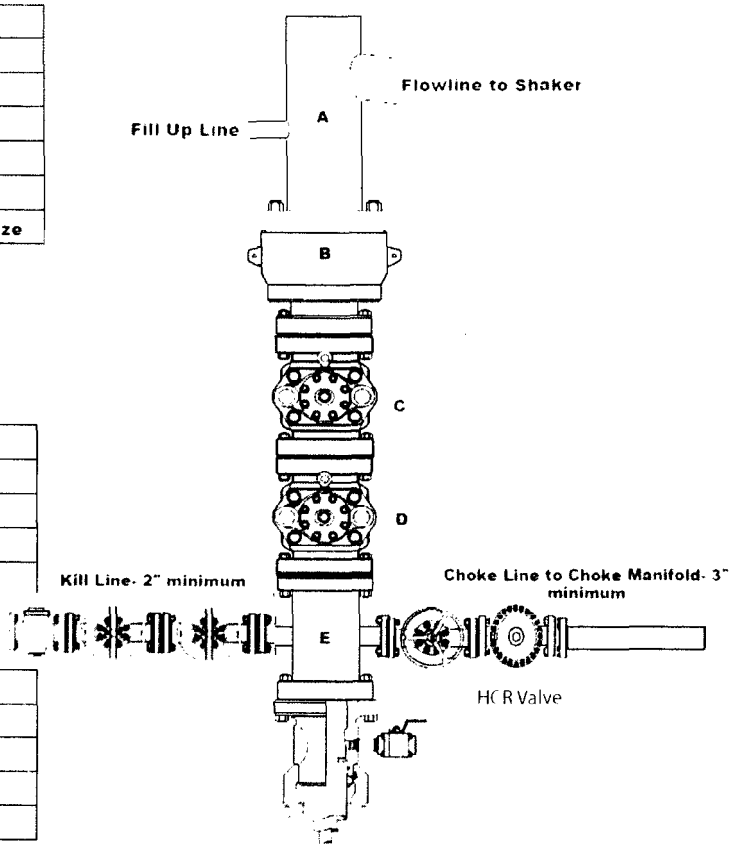
BLOWOUT PREVENTOR SCHEMATIC

Minimum Requirements

OPERATION :Bone Springs/Wolfcamp A,C & D wells

Minimum System Pressure Rating : **5,000 psi**

	SIZE	PRESSURE	DESCRIPTION
A		N/A	Bell Nipple
B	13 5/8"	5,000 psi	Annular
C	13 5/8"	5,000 psi	Pipe Ram
D	13 5/8"	5,000 psi	Blind Ram
E	13 5/8"	5,000 psi	Mud Cross
F			
DSA		As required for each hole size	



Kill Line

SIZE	PRESSURE	DESCRIPTION
2"	5,000 psi	Gate Valve
2"	5,000 psi	Gate Valve
2"	5,000 psi	Check Valve

Choke Line

SIZE	PRESSURE	DESCRIPTION
3"	5,000 psi	Gate Valve
3"	5,000 psi	HCR Valve

Installation Checklist

The following item must be verified and checked off prior to pressure testing of BOP equipment.

- ☐ **The installed BOP equipment meets at least the minimum requirements (rating, type, size, configuration) as shown on this schematic. Components may be substituted for equivalent equipment rated to higher pressures. Additional components may be put into place as long as they meet or exceed the minimum pressure rating of the system.**
- ☐ **All valves on the kill line and choke line will be full opening and will allow straight though flow.**
- ☐ **The kill line and choke line will be straight unless turns use tee blocks or are targeted with running tess, and will be anchored to prevent whip and reduce vibration.**
- ☐ **Manual (hand wheels) or automatic locking devices will be installed on all ram preventers. Hand wheels will also be installed on all manual valves on the choke line and kill line.**
- ☐ **A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will remain open unless accumulator is inoperative.**
- ☐ **Upper kelly cock valve with handle will be available on rig floor along with safety valve and subs to fit all drill string connections in use.**

After Installation Checklist is complete, fill out the information below and email to Superintendent and Drilling Engineer

Wellname: _____

Representative: _____

Date: _____

Diagram A

CHOKE MANIFOLD SCHEMATIC

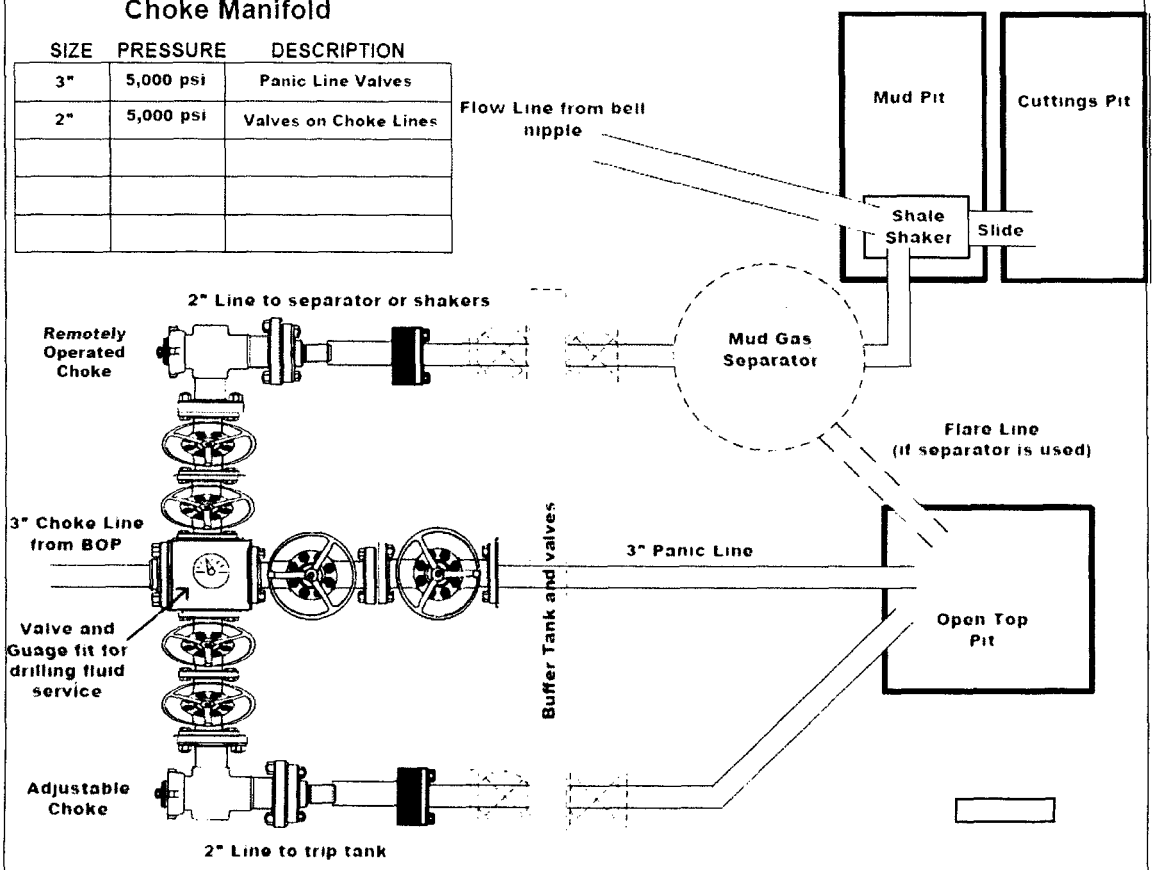
Minimum Requirements

OPERATION : Bone Spring wells/ Intermediate section SWD

Minimum System Pressure Rating : **5,000 psi**

Choke Manifold

SIZE	PRESSURE	DESCRIPTION
3"	5,000 psi	Panic Line Valves
2"	5,000 psi	Valves on Choke Lines



Installation Checklist

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- ☐ **Adjustable Chokes may be Remotely Operated but will have backup hand pump for hydraulic actuation in case of loss of rig air pressure or power.**
- ☐ **Flare and Panic lines will terminate a minimum of 150' from the wellhead. These lines will terminate at a location as per approved APD.**
- ☐ **The choke line, kill line, and choke manifold lines will be straight unless turns use tee blocks or are targeted with running tess, and will be anchored to prevent whip and reduce vibration. This excludes the line between mud gas separator and shale shaker.**
- ☐ **All valves (except chokes) on choke line, kill line, and choke manifold will be full opening and will allow straight through flow. This excludes any valves between mud gas separator and shale shakers.**
- ☐ **All manual valves will have hand wheels installed.**
- ☐ **If used, flare system will have effective method for ignition**
- ☐ **All connections will be flanged, welded, or clamped (no threaded connections like hammer unions)**
- ☐ **If buffer tank is used, a valve will be used on all lines at any entry or exit point to or from the buffer tank.**

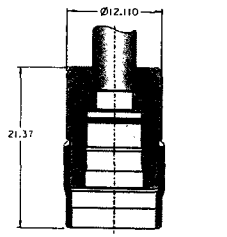
After Installation Checklist is complete, fill out the information below and email to Superintendent and Drilling Engineer

Wellname: _____

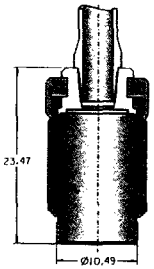
Representative: _____

Date: _____

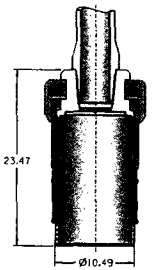
Diagram B



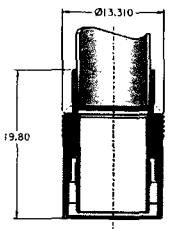
CASING HANGER R&R TOOL
9.750-4NA-2G-LH IMO BTM X 9.625 LC
P1000157568



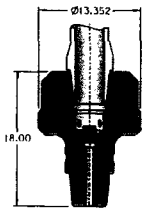
PACKOFF INSTALLATION TOOL,
F/ 13 5/8 LH-2 PACKOFF
P1000154374



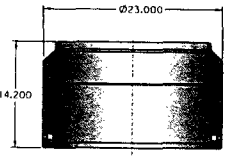
PACKOFF RETRIEVAL TOOL,
F/ 13 5/8 LH-2 PACKOFF
P1000154374



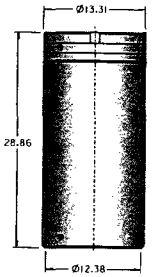
CASING HANGER R&R TOOL
P1000115382



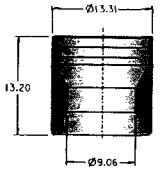
BOP TEST PLUG
P4000029802



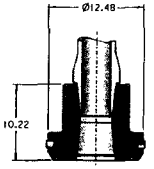
RISER ASSY, DIVERTER, 20 SD BTM
P172073



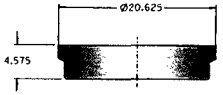
WEAR BUSHING (BOWL PROTECTOR)
P1000153633



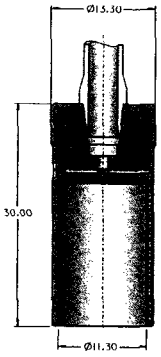
SHORT BOWL PROTECTOR
P1000153630



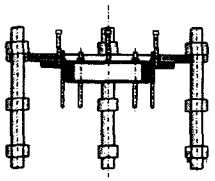
BOWL PROTECTOR R&R TOOL
48-291-312



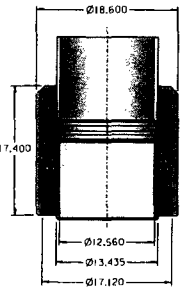
SWIVEL/ROTATING HUB
P1000101641



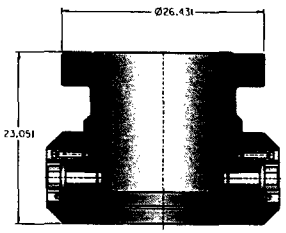
WASH TOOL
13.387 X 4 1/2 IF
P1000115671



INSTALLATION / REMOVAL TOOL ASSY,
PUSHER PLATE AND T-MANDREL
P1000136034



CASING HEAD RUNNING TOOL ASSY
P1000118117



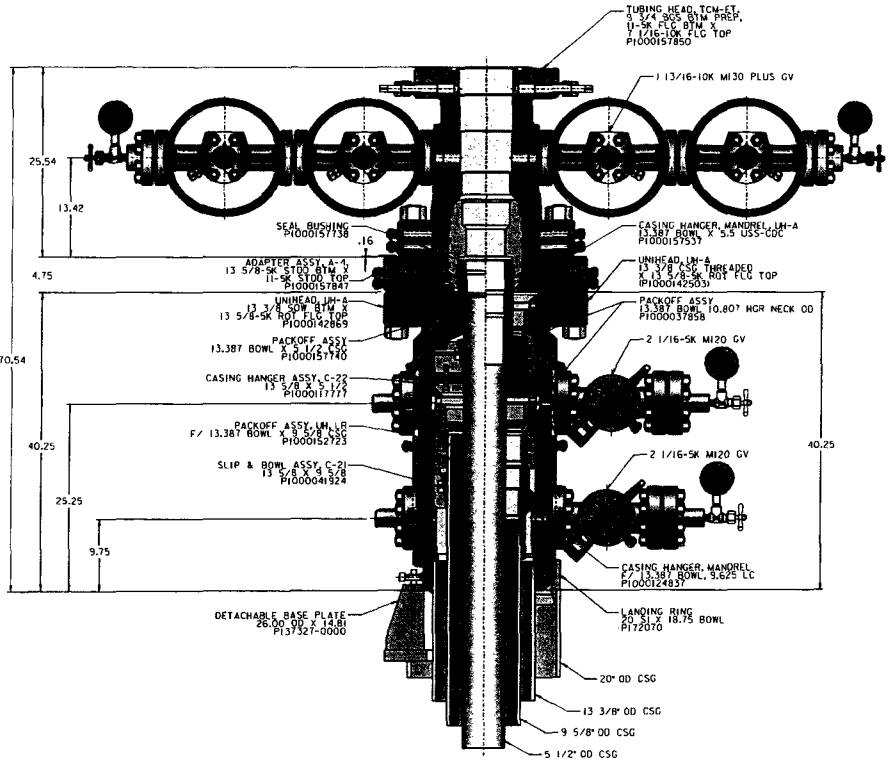
SPEEDLOC II
P117126-0000

BPV RUNNING TOOL
P178648

BPV REMOVAL TOOL
P410275

BPV, TYPE H
P126944-0000

FMC Technologies



CHEVRON
ODESSA
20 X 13 3/8 X 9 5/8 X 5 1/2

QUOTE LAY
FIE
REF: DM1001476
DM1001464
DM10021

PRIVATE AND CONFIDENTIAL

REVISIONS	DESCRIPTION
A 06-18-15	

SURFACE WELLHEAD LAYOUT, UNIHEAD, UH-2, STC THREAD, CHEVRON, ODESSA

DRAWN BY	D. BUI	06-18-15
ENGINEER REVIEW	Z. MARQUEZ	06-18-15
DESIGN REVIEW	L. MELO	06-18-15
APPROVED BY	K. TAHA	06-18-15

FMC Technolog

DRAWING NUMBER
DM10022068

PECOS DISTRICT
DRILLING OPERATIONS
CONDITIONS OF APPROVAL

All previous COA still apply except the following:

PRESSURE CONTROL

Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 5000 (5M) psi.

a. **Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.**
b. **If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.**
c. **Manufacturer representative shall install the test plug for the initial BOP test.**
d. **Operator shall perform the intermediate casing integrity test to 70% of the casing burst. This will test the multi-bowl seals.**
e. **If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.**

5M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

TMAK 06022017