

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.  
NMLC032100

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
CH LOCKHART -1 07

2. Name of Operator

CHEVRON USA INCORPORATED

Contact: CINDY H MURILLO

E-Mail: CHERRAMURILLO@CHEVRON.COM

9. API Well No.  
30-025-12130-00-C1

3a. Address

6301 DEAUVILLE BLVD  
MIDLAND, TX 79706

3b. Phone No. (include area code)

Ph: 575-263-0431  
Fx: 575-263-044510. Field and Pool or Exploratory Area  
DRINKARD

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

Sec 18 T22S R38E NWNE 660FNL 1979FEL

11. County or Parish, State

LEA COUNTY, NM

**12. CHECK THE 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"/> Hydraulic Fracturing	<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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recomple 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 USA INC RESPECTFULLY REQUESTS TO RECOMPLETE THE ABOVE WELL INTO THE PADDOCK/GLORIETA FORMATION. THE RECOMPLETION PROCEDURE IS AS FOLLOWS:

1. MIRU WORKOVER RIG EQUIPMENT. UNCOVER CASING VALVES. CHECK PRESSURE ON ALL CASING STRINGS (INCLUDING BRADENHEAD).

2. BLEED OFF PRESSURE. KILL WELL WITH 10 PPG OR LESS.

3. N/U ROD BOPE. POOH WITH RODS AND PUMP LAYING DOWN. VISUALLY INSPECT RODS FOR WEAR, SCALE AND PARAFFIN WHILE PULLING OUT OF THE HOLE WITH RODS. REPLACE ANY FAILED EQUIPMENT.

4. FLOW CHECK WELL 15 MINUTES IF POSSIBLE. N/D TREE, NU BOP WITH 2 7/8" PIPE RAMS ON TOP OF BLIND RAMS. TEST BOPE TO 250 PSI LOW/500 PSI HIGH.

5. CALIPER ELEVATORS, ATTEMPT TO UNSET TAC WITH RIGHT HAND ROTATION. TOOH WITH PRODUCTION TUBING LAYING DOWN.

ADD CIB 6710' w/100' cmt pumped on top

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Electronic Submission #390745 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by CHRISTOPHER WALLS on 10/05/2017 (18CRW0006SE)

Name (Printed/Typed) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 10/04/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

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

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)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

MAB/OC  
10/23/2017

**Additional data for EC transaction #390745 that would not fit on the form**

**32. Additional remarks, continued**

6. P/U 5-1/2" CIBP AND TIH AND SET @ +/-5,632'. SPOT 100' CEMENT ON TOP OF CIBP FOR A NEW PBTD OF 5,532'. TOOH WITH WORKSTRING L/D. R/D FLOOR AND TUBING HANDLING EQUIPMENT. PREP FOR CBL.
7. SHUT IN BLIND RAMS. TEST PIPE RAMS TO 250 PSI LOW/500 PSI HIGH.
8. MIRU E-LINE AND LUBRICATOR. TEST LUBRICATOR TO 500 PSI FOR 5 MINUTES PER TRIP. P/U 3 -1/8" GUNS LOADED 4 SPF 120 DEGREES PHASING WITH LARGE DIAMETER DEEP PENETRATING SHOTS. PERFORATE PROPOSED PADDOCK/GLORIETA INTERVALS. CORRELATE TO GAMMA/NEUTRON LOG. RDMO WITH E-LINE AND AUXILLARY EQUIPMENT.
9. P/U 5 -1/2" 10K BIG BORE AS-1X PACKER WITH 2.813" FRAC HARDENED PROFILE ON 3 1/2" 9.3#FT. L-80 FRAC STRING WITH SLIM HOLE CONNECTIONS OR TURNED DOWN CONNECTIONS. TIH HYRDO TESTING TO 80% YIELD PRESSURE OF TUBING. SET PACKER AT +/-5,200' AND LAND 3-1/2" FRAC STRING ON TOP OF BOP WITH 7 -1/16" 5M X 4-1/16" 10M BO2 ADAPTOR. N/U DUAL 4 1/16" 10M FRAC VALVES WITH 4-1/16" 10M FRAC Y WITH 3 4" 1002 OUTLETS ON TOP. TEST BACKSIDE TO 500 PSI FOR 15 MINUTES.
10. MIRU FRAC EQUIPMENT. FRAC WELL PER CUDD FRAC DESIGN. RDMO WITH FRAC EQUIPMENT.
11. R/U TUBING HANDLING EQUIPMENT. CALIPER ELEVATORS, RELEASE 5 - 1/2" PACKER @ +/-5,200'. TOOH SIDEWAYS WITH 3-1/2" FRAC STRING AND L/D PACKER.
12. SHUT IN BLIND RAMS. TEST PIPE RAMS TO 250 PSI LOW/500 PSI HIGH.
13. CALIPER ELEVATORS. P/U 4-3/4" BIT AND MAKE CLEANOUT RUN TO PBTD AT 5,532. TOOH L/D BIT.
14. P/U PRODUCTION BHA AND TIH HYDROTESTING TUBING TO 6000 PSI. SETTING DEPTH WILL BE BASED ON CONDITIONS OF THE WELL.
15. FLOW CHECK WELL 15 MINUTES. N/D BOPE, N/U NEW B5 TUBING HEAD FLANGE.
16. N/U ROD BOP. P/U AND RIH WITH RODS. TEST STUFFING BOX TO 500 PSI FOR 15 MINUTES.

IF YOU HAVE ANY QUESTIONS PLEASE CONTACT MICHAEL PICKERING/PRODUCTION ENGINEER AT 432-687-7711. PLEASE FIND ATTACHED NEW C-102



16					<b>17 OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  <div style="display: flex; justify-content: space-between;"><div><i>Cindy Herrera-Murillo</i></div><div>10/04/2017</div></div> <hr/> <div style="display: flex; justify-content: space-between;"><div>Signature</div><div>Date</div></div> <hr/> <div>CINDY HERRERA-MURILLO</div> <div>Printed Name</div> <hr/> <div>CHERRERAMURILLO@CHEVRON.COM</div> <div>E-mail Address</div> <hr/>
					<b>18 SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>  <hr/> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>  <hr/> <div>Certificate Number</div>

# C.H. Lockhart (NCT-1) #107

## Location:

660' FNL & 1979' FEL

T-22S R-38E S-18

Field: Paddock

County: Lea

State: NM

## Well Info:

Spud Date: 1/27/1954

API: 30-025-12130

Cost Center: UCU464100

RefNO: FB3079

Lease: Federal

## Proposed Wellbore Diagram

## Elevations:

DF: 3362'

KB: 3363'

GL: 3352'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WQ Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

TOC: 4330'

Set CIBP @ ~~5572'~~ <sup>5582</sup>

Set CIBP @ --6710'

Updated: 14-Jun-17

By: nrtu

PBTD: 7160' (tagged on 3/3/77)

TD: 7130' (Initial TD after Drlg)

## Surface Casing

Size: 13 3/8", 48#, H-40

Set @: 414'

With: 400 sks

Hole Size: 17.25"

TOC @ Surface

By: Circulation

## Intermediate Casing

Size: 8 5/8", 28#, H-40

Set @: 2930

With: 1600 sks

Hole Size: 11"

TOC: Surface

By: Circulation

## Perfs:

5243' - 5326' Paddock/Glorieta

## Status

Proposed

## Perfs:

5682' - 5900' Blinebry

## Status

Open

## Production Casing

Size: 5 1/2", 14, 15.5, 17#, J-55

Set @: 6810'

With: 500

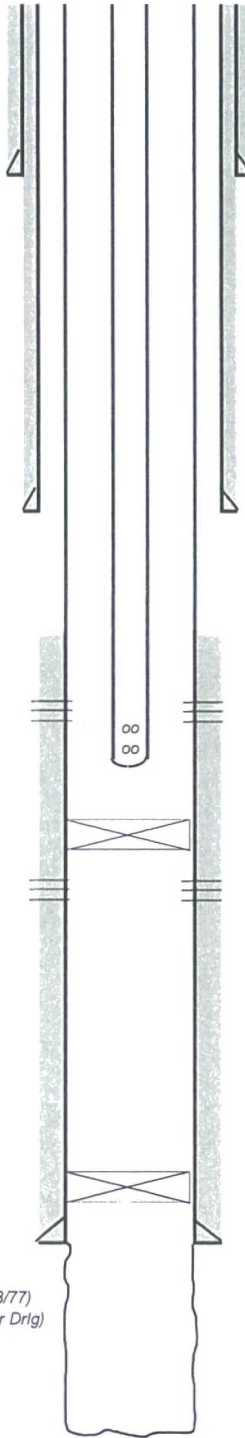
Hole Size: 7 7/8"

TOC: 4330'

By: TS

4-3/4" Open hole

6810 - 7130' Drinkard



**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Production Zone Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within ninety (90) days from this approval. **If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.