

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

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

Chevron U.S.A., Inc.

3a. Address 6301 Deauville Blvd, N4707
Midland, TX 797063b. Phone No. (include area code)
(432) 687-7786

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

Sec 18 T22S R38E 660' FSL 660' FEL

5. Lease Serial No.

LC-032100

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

CH Lockhart Federal NCT-1 #8

9. API Well No.

30-025-12131

10. Field and Pool or Exploratory Area

Brunson Drinkard Abo South

11. Country or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Acidize



Alter Casing



Casing Repair



Change Plans



Convert to Injection



Deepen



Hydraulic Fracturing



New Construction



Plug and Abandon



Plug Back



Production (Start/Resume)



Reclamation



Recomplete



Temporarily Abandon



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.)

1. Notify BLM 24 hours prior to MIRU

2. MIRU, N/U CL II BOP, & test

3. Drill out cement f/ surface t/ 517', f/ 1261' t/ 1518', f/ 2127' t/ 2390', and 2405' t/ 2971', performing a flow check after drilling out each plug to ensure the well is static

4. Tag next cement plug @ 3842' and record tag depth. Circulate 2 bottoms up & TOH

5. Run CBL. Communicate CBL results to Chevron Engineer and BLM Rep.

6. Spot cement, as well as perforate and squeeze, as determined by CBL results and plan forward created by the collaboration of Chevron & BLM, to successfully bring cement to surface and ensure a quality P&A.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Nick Glenn

Well Abandonment Engineer

Title

Signature

Date

05/25/2018

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Supv. PET

Date

6-1-18

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.

(Instructions on page 2)

FOR RECORD ONLY
NMOCD 06/11/2018

CH Lockhart NCT-1 8

Re-Abandonment POA

AFE:

Original GL (ft)	3,370'
Total Depth (ft)	7,200'
Effective Depth (ft)	Surface

1. MIRU rig and spot auxiliary equipment
2. R/U CTU
3. M/U drillout BHA
4. Drill out cement f/ surface t/ 517', f/ 1261' t/ 1518', f/ 2127' t/ 2390', and f/ 2405' t/ 2971', using the following parameters:
 - i. After each plug, circulate 2 bottoms up, stop and perform a flow check for 15 minutes to ensure the well is static
5. When the fourth plug (2405'-2971') is drilled out and after the 2XBU and flow check, TIH t/ tag next cement plug @ 3842', and record tag depth
6. Circulate 2XBU
7. TOH w/ drillout BHA
8. R/U wireline
9. Pressure test lubricator t/ 500 psi for 5 minutes
10. Run CBL
11. R/D wireline
12. Send CBL results to engineer & BLM
13. Will based plan forward on CBL results and communicate w/ BLM to come up with a collaborative plan forward

WELL DATA SHEET

Field: San Andres	Well Name: C. H. Lockhart Federal (NCT-1) #8	Lease Type: Federal
Location: 660' FSL & 660' FEL	Sec: 18-P Township: 22S	Range: 38E
County: Lea State: New Mexico	Refno: FB3080 API: 30-025-12131	Cost Center: UCU464100
Current Status: SWD		KB: 3382'
Current Producing Formation(s): San Andres		DF: 3381'
		GL: 3370'
		Spud Date: 5/15/1959
		Compl. Date: 6/7/1959

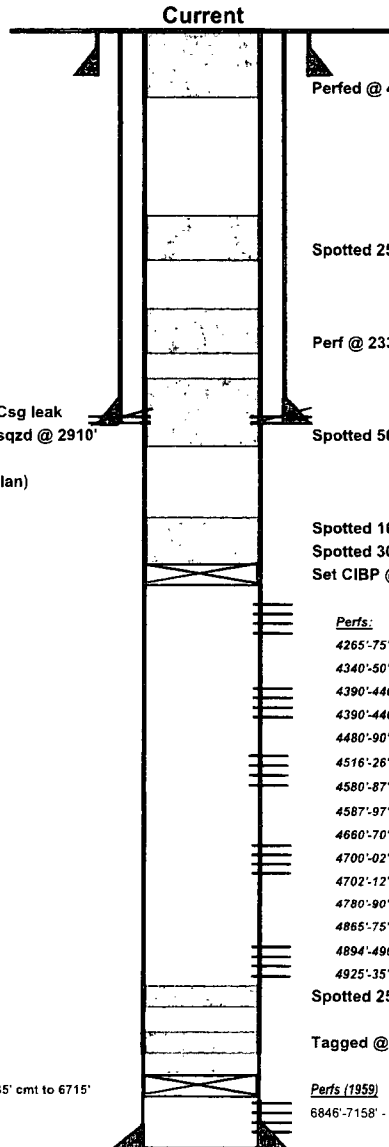
167 Surface Csg.
 335 **Size:** 13 3/8"
 502 **Wt.:** 48#
 670 **Set @:** 398'
 837 **Sxs cmt:** 550
 1005 **Circ:** Yes
 1172 **TOC:** Surface
 1340 **Hole Size:** 17-1/2"
 1507

1674 Intermediate Csg.
 1842 **Size:** 8 5/8"
 2009 **Wt.:** 24#
 2177 **Set @:** 2901'
 2344 **Sxs Cmt:** 1200
 2512 **Circ:** Yes
 2679 **TOC:** Surface
 2847

3014 Production Csg.
 3181 **Size:** 5 1/2"
 3349 **Wt.:** 14-17# (per drlg plan)
 3516 **Set @:** 7200'
 3684 **Sxs Cmt:** 650
 3851 **Circ:** No
 4019 **TOC:** *3130' by TS
 4186 (*TOC may have changed
 4353 since they sqzd the csg leak)
 4521
 4688
 4856
 5023

Top Salt	1468'
Base Salt	2335'
5191 Top Yates	2616'
5358 Top San Andres	4008'
5526 Top Glorieta	5202'
5693 Top Blinebry	5640'
5860 Top Tubb	6193'
6028 Top Drinkard	6470'
6195	

6363
 6530
 6698
 6865 CIBP @ 6751', top w/ 35' cmt to 6715'
 7033 PBTD: 6715'
 7200 TD: 7200'



Perf @ 450', unable to get rate, spotted 52 sx CL C cmt f/ 517' t/ surface

Spotted 25 sx CL C cmt f/ 1518' t/ 1261'

Perf @ 2339 & 2335', unable to get rate, spotted 26 sx CL C cmt f/ 2390' t/ 2127'

Spotted 56 sx CL C cmt f/ 2971' t/ 2405'

Spotted 16 sx CL C cmt f/ 3968' t/ 3808'. WOC & tag @ 3842'
 Spotted 30 sx CL C cmt f/ 4170' t/ 3867'. WOC & tag @ 3968'
 Set CIBP @ 4170'

Perfs:	Status:	Gun:	
4265'-75'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4340'-50'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4390'-4400'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4390'-4400'	San Andres - Open	3 3/8" STIM-GUN, 6 JSPF, 60 degree phasing	Mar-11
4480'-90'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4516'-26'	San Andres - Open	3 3/8" STIM-GUN, 6 JSPF, 60 degree phasing	Mar-11
4580'-87'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4587'-97'	San Andres - Open	3 3/8" STIM-GUN, 6 JSPF, 60 degree phasing	Mar-11
4680'-70'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4700'-02'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4702'-12'	San Andres - Open	3 3/8" STIM-GUN, 6 JSPF, 60 degree phasing	Mar-11
4780'-90'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4865'-75'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09
4894'-4904'	San Andres - Open	3 3/8" STIM-GUN, 6 JSPF, 60 degree phasing	Mar-11
4925'-35'	San Andres - Open	3 3/8" Gunslinger, 4 JSPF, 120 degree phasing	Apr-09

Spotted 25 sx CL C cmt f/ 5297' t/ 5045'. WOC & tagged @ 5076'

Tagged @ 6697' & spotted 60 sx CL C cmt f/ 6697' t/ 6090'. WOC & tagged @ 6053'

Perfs (1959)
 6846'-7158' - Drinkard - open

Updated by: RBUZ
 Date: 4/14/2015

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

**Permanent Abandonment of Federal Wells
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. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; 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. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing 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. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.**

8. 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.