Form 3160-5 (Jurfe 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Operator Copy EMNRD-OCD ARTESIA REC'D: 8/11/2020

FORM APPROVED DMB NO. 1004-0137 pires: January 31, 2018	112
No	-

OTHERDA	NOTICES			011111111
SUNDRY	NOTICES	ANU	REPORIS	ON WELLS

Do not use this form for proposals to drill or to re-enter an

5. Lease Serial No. NMNM0539977A

abandoned we	ll. Use form 3160-3 (APD) fo	or such proposals.	0.	II Indian, Allottee of	Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on page 2				7. If Unit or CA/Agreement, Name and/or No.		
Type of Well				8. Well Name and No. WHITE CITY COM 1		
Name of Operator Contact: HOWIE LUCAS CHEVRON USA E-Mail: howie.lucas@chevron.com				9. API Well No. 30-015-20955		
3a. Address 3b. Phone No. (include area code) 6301 DEAUVILLE BLVD Ph: 832-588-4044 MIDLAND, TX 79706				10. Field and Pool or Exploratory Area WHITE CITY; PENN		
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description)	20.000	11.	11. County or Parish, State		
Sec 33 T24S R26E 1650FNL	ļ	EDDY COUNTY COUNTY, NM				
12. CHECK THE AF	PPROPRIATE BOX(ES) TO	INDICATE NATURE O	F NOTICE, REI	PORT, OR OTH	ER DATA	
TYPE OF SUBMISSION		TYPE OF	ACTION			
Notice of Intent	☐ Acidize	□ Deepen	Production (Start/Resume)	■ Water Shut-Off	
_	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation		■ Well Integrity	
☐ Subsequent Report	□ Casing Repair	■ New Construction	□ Recomplete		Other	
☐ Final Abandonment Notice	□ Change Plans	Plug and Abandon	☐ Temporarily	Abandon		
	□ Convert to Injection	Plug Back	□ Water Dispo	sal		
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fit. Cement calculations utilize 1.3 yields please recalculate as necessary. 1. Notify BLM 24 hrs. prior to s 2. Rig-less: pressure test casin Contact engineer if test fails, plan to pe 3. MIRU pulling unit. 4. Kill well as necessary. Chec pressure is noted, Chevron intends to u Seal, Cut and pull casing, etc)	operations. If the operation results and onment Notices must be filed on inal inspection. 32 yld for Class C and 1.18 yld starting work. and t/ 1,000 psi for 15 minutes beform wireline work. by pressures on all strings and tilize another means of elimin as agreed upon by the BLM.	in a multiple completion or reco ly after all requirements, includ- d for Class H. If using differ (or highest expected pres	mpletion in a new ing reclamation, have rent sure).	nterval, a Form 3160 re been completed an	0-4 must be filed once and the operator has	
14. I hereby certify that the foregoing is Name (Printed/Typed) HOWIE LU	Electronic Submission #5178 For CHEVR Committed to AFMSS for proce	ON USA, sent to the Carlsbessing by DEBORAH MCKI	ad	020 ()		
Signature (Electronic S	ubmission)	Date 06/04/20)20	gc 8/	12/2020	
	THIS SPACE FOR F	EDERAL OR STATE (OFFICE USE	Accepted fo	r record – NMOCD	
Approved By James Co	?. ann	Title SH	7		7-8-20 Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu-	itable title to those rights in the subj	varrant or ect lease Office	>			
Title 18 U.S.C. Section 1001 and Title 43 V States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a crime tatements or representations as to an	for any person knowingly and y matter within its jurisdiction.	willfully to make to	any department or a	gency of the United	

Additional data for EC transaction #517858 that would not fit on the form

a. While rigging up, pump 50 bbl (30 ppb) Jet Seal pill down tubing, displace just below

32. Additional remarks, continued

packer. Contact engineer if the well is not on a vacuum/standing full prior to pumping LCM. Bubble test for at least 30 minutes. c. Bubble test each day. d. Bubble test prior to moving on from the upper most hydrocarbon plug. e. Bubble test prior to pumping plug to surface and after cement has hardened (record in WellView). 5. N/U BÓP and pressure test as per SOP's. 6. Release from on-off tool, if unable, cut tubing with wireline. a. Ensure to lightly tag packer assembly after releasing to ensure the packer was not accidentally unset. 7. Spot 35 sx CL "H" cement f/ 10,900? t/, WOC & tag. (Perfs, Morrow). a. TOC must be at 10,476? or shallower. b. Discuss with engineer on using retarder or other additives at this depth dependent upon well conditions. 8. Pressure test casing t/ 1,000 psi f/ 15 minutes or maximum anticipated pressure for the job. 8. Pressure test casing 1/1,000 psi 1/15 minutes or maximum anticipated pressure for the job.

9. Spot MLF between cement plugs in accordance w/ BLM regulations. Wait to spot MLF if casing pressure test failed due to potentially wasting fluid. Add. Spot Cart from 9780 (Strawa)

10. Spot 25 sx CL "H" Cement f/ 8,178? t/ 7,826? (Wolfcamp). 82.50 - 8070

a. TOC must be at 8,078? or shallower. 82.70

a. TOC must be at 6,952? or shallower. Add. Act 0.5400,502 cmt to 5440 (Bs). 6000 Tog.

12. Perforate casing at 5,055? and squeeze 25 sx CL "C" Cement f/ 4,916? t/ 5,055? (DV Tool). 4905. 6000 Tog. a. TOC must be at 4,955? or shallower. 4905 b. No need to tag plug if confidence is high on plug placement (casing pressures up, circulation to surface, excellent squeeze pressures, etc), wait 1-2 hours for cement to get up-and-continuo plugging-13. Perforate casing at 2,735? and squeeze 100 sx CL "C" Cement f/2,181? \(\frac{1}{2}\),735? (Cherry \(\frac{1}{2}\)) \(\frac{1}{2}\) \(\frac b. No need to tag if full circulation is established through the intermediate casing annulus and high confidence in plug placement. Wait 1.5-2 hours to allow cement to get and continue plugging. 14. Perforate casing at 1,250? with deep penetrating charges (through prod and interm strings) and 1640 squeeze 285 sx CL "C" Cement f/ Surface t/ 1,250? (FW). 1640 (Critical Cause) (Critical cave/Karst.) a. Deepest freshwater in the area is ~150?. 15. Cut off wellhead 3' below grade, Verify Cement to Surface, install required dry hole marker as per COA's, turn over to reclamation.

2/9

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM.	APP	RO'	VED
OMB N	o. 10	04-	0137
Evnirec	Luly	3.1	2010

5. Lease Serial No. NMNM0539977A

6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for su		,			
SUBMIT IN TRIPLICATE – Other instructions on page 2.			7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well					
Oil Well Gas Well Other			Well Name and No White City Com 1	0.	
2. Name of Operator Chevron USA Inc.			9. API Well No. 30-015-20955		
	(include area code,)	10. Field and Pool or	Exploratory Area	
6301 DEAUVILLE BLVD. RM. N4705 MIDLAND, TX 79706 832-588-404	4		White City; Penn (Gas)	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) Sec 33, T24S, R26E, SENW, 1650' FNL & 1650' FWL			11. Country or Parish Eddy County, NM	n, State	
12. CHECK THE APPROPRIATE BOX(ES) TO INC	ICATE NATURE (OF NOTIC	E, REPORT OR OTH	HER DATA	
TYPE OF SUBMISSION	TYPE	OF ACT	ION		
✓ Notice of Intent	en	Produ	ection (Start/Resume)	Water Shut-Off	
	ure Treat	Recla	mation	Well Integrity	
Subsequent Report	Construction	Recoi	mplete	Other	
	and Abandon		orarily Abandon		
Final Abandonment Notice Convert to Injection Plug 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, in	Back		r Disposal		
determined that the site is ready for final inspection.) Please see attached procedure (too large to fit on this template) All cement plugs will be class "C" (<7,500') or "H" (>7,500') with a closed local loc	op system used.				
Howie Lucas	Title Well Aban	donment	Engineer, Attorney-	in-fact	
Signature A	Date 06/04/202	0			
THIS SPACE FOR FEDE	RAL OR STA	TE OFF	ICE USE		
Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or of that the applicant holds legal or equitable title to those rights in the subject lease which we entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p	ould Office	467	a make to any denartme	Date 7-8-20	

(Instructions on page 2)

White City Com 1 Procedure

Cement calculations utilize 1.32 yld for Class C and 1.18 yld for Class H. If using different yields please recalculate as necessary.

- 1. Notify BLM 24 hrs. prior to starting work.
- 2. Rig-less: pressure test casing t/ 1,000 psi for 15 minutes (or highest expected pressure). Contact engineer if test fails, plan to perform wireline work.
- 3. MIRU pulling unit.
- 4. Kill well as necessary. Check pressures on all strings and bubble test. If sustained casing pressure is noted, Chevron intends to utilize another means of eliminating the pressure (Zonite, Nano-Seal, Cut and pull casing, etc) as agreed upon by the BLM.
 - a. While rigging up, pump 50 bbl (30 ppb) Jet Seal pill down tubing, displace just below packer. Contact engineer if the well is not on a vacuum/standing full prior to pumping LCM.
 - b. Bubble test for at least 30 minutes.
 - c. Bubble test each day.
 - d. Bubble test prior t moving on from the upper most hydrocarbon plug.
 - e. Bubble test prior to pumping plug to surface and after cement has hardened (record in WellView).
- 5. N/U BOP and pressure test as per SOP's.
- 6. Release from on-off tool, if unable, cut tubing with wireline.
 - a. Ensure to lightly tag packer assembly after releasing to ensure the packer was not accidentally unset.
- 7. Spot 35 sx CL "H" cement f/ 10,900' t/, WOC & tag. (Perfs, Morrow).
 - a. TOC must be at 10,476' or shallower.
 - b. Discuss with engineer on using retarder or other additives at this depth dependent upon well conditions.
- 8. Pressure test casing t/ 1,000 psi f/ 15 minutes or maximum anticipated pressure for the job.
- 9. Spot MLF between cement plugs in accordance w/ BLM regulations. Wait to spot MLF if casing pressure test failed due to potentially wasting fluid. All Spot and 1980-9780 (strawn)
- 10. Spot 25 sx CL "H" Cement f/ 8,178' t/ 7,826' (Wolfcamp). **8250-8010**
 - a. TOC must be at 8,078' or shallower. 8070
- 11. Spot 25 sx CL "C" Cement f/ 7,177' t/ 6,783' (squeeze holes).
 - a. TOC must be at 6,952' or shallower. Perte 5600, Sozent to 5440. Was Tog (Bone Sp)
- 12. Perforate casing at 5,055' and squeeze 25 sx CL "C" Cement f/ 4,916' t/ 5,055' (DV Tool).
 - a. TOC must be at 4,955' or shallower. 4905
 - No need to tag plug if confidence is high on plug placement (casing pressures up, circulation to surface, excellent squeeze pressures, etc), wait 1-2 hours for cement to get up and continue-plugging
- 13. Perforate casing at 2,735' and squeeze 100 sx CL "C" Cement f/2,181' t/2,735' (Cherry Canyon).

 /****/848 //728 Woc 7-7.

419

a. TOC must be at 2,235' or shallower (Chevron Barrier Standard).



b. No need to tag if full circulation is established through the intermediate casing annulus and high confidence in plug placement. Wait 1.5-2 hours to allow cement to gel and continue plugging

14. Perforate casing at 1,250' with deep penetrating charges (through prod and interm strings) and

squeeze 285 sx CL "C" Cement f/ Surface t/ 1,250' (FW)./650

a. Deepest freshwater in the area is ~150'.

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15. Cut off wellhead 3' below grade, Verify Cement to Surface, install required dry hole marker as per COA's, turn over to reclamation.

White City Com #1 Wellbore Diagram

Created: 03/04/08 By: C. A. Irle Updated: 03/26/19 By: Yifan Li Lease: White City Com Field: White City (Penn) Surf. Loc.: 1,650' FNL & 1,650' FWL Bot. Loc.: County: Eddy St.: NM Status: Active Gas Well	Well #: API Surface Unit Ltr.: Bottom hole Unit Ltr.: Chevno:	1 Fd./St. #: NM 0539977-A 30-015-20955 Tshp/Rng: S-24 & E-26 F Section: 33 Tshp/Rng: Section:
Surface Casing Size: 10 3/4 Wt., Grd.: 33 & 40.5# Depth: 1,590 Sxs Cmt: 1,300 * Circulate: Yes / 4 TOC: Surface Hole Size: 15" Syds. *1" - 5y PG, 50 sx, 5y PG, 200 sx, 8y RM, & 25 sx Intermediate Casing Size: 7 5/8 Wt., Grd.: 26 & 34# Depth: 8,200 Sxs Cmt: 1,400 Circulate: DV Only 5 005 TOC: 1,292' TS Hole Size: 9 1/2 DV Tool: 5,005	1292 1590 5005 O	KB: 3,385 DF: Unknown GL: 3,365 Ini. Spud: 09/27/73 Ini. Comp.: 12/03/73 History 12/3/73 Ini Comp: Pkr 10900, perf 2 spf 11024-030, 062-070, 080-090, 166, 348-354, acid 4000 gls 7.5% MS 133 mcf N2 3 stg 50 BS. 4/13/92 Csg Leak: BP in PN 10900, not set, O/O not rel, pkr not rel, O/O rel, repl tbg, BS leak 7002-7127, RBP 10875, snd, CR 6799, sqz 75 sx, rel CR, tag 6896, DO cmt, tag 10860, CO snd, rel RBP, latch pkr, swab. 7/20/94 Add Perfs: WL perf 2 spf 11161-166 (12 hls), 1.87" BP 10900, test tbg, ret BP, acid 2000 gls 7.5% NEFE 113 mcf N2 70 BS, swab. 4/3/08 Flow Grad: Skewed data, tag 11362, calc FL ~11215, 691# @ 11,362. 03/03/2010: Swab well
	11024 11030 11062 11070 11080 11090 11161 11348 11354 11362	Salado (50) Castile 280 Salt Sect, 825 - 1225 Geology - Tops Lamar 1,719 - 1,798 / 2,735 - 2

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White City Com #1 Wellbore Diagram

Updated: 03/26/19 By: Yif Lease: White City Com Field: White City (Penn) Surf. Loc.: 1,650' FNL & 1,650' FW Bot. Loc.: County: Eddy St.:	A. Irle fan Li /L	Well #: API Surface Unit Ltr.: Bottom hole Unit Ltr.:	30-01 Tshp/Rng: F Tshp/Rng:	Fd./St. #: <u>N</u> 5-20955 S-24 & Section:	
Status: Active Gas Well		Chevno:	<u> </u>	16381	····
Surface Casing Size: 10 3/4 Wt., Grd.: 33 & 40.5# Depth: 1,590 Sxs Cmt: 1,300 Circulate: Yes TOC: Surface Hole Size: 15" *1" - 5y PG, 50 sx, 5y PG, 200 sx, 8y RM, & 25 sx Intermediate Casing	O 7002 7127	0 4		GL: Ini. Spud: _ ni. Comp.: _ ueeze 100 sx 5'-2,181', Mir ueeze 25 sx (, Min: 4,955'	n: 2,235'
Size: 7 5/8 Wt., Grd.: 26 & 34# Depth: 8,200 Sxs Cmt: 1,400 Circulate: DV Only TOC: 1,292' TS Hole Size: 9 1/2 DV Tool: 5,005	8200	8,17 Min 1 Rele	t 25 sx Class H cemen '8'-7,826' 8,078' ease from on-off tool, s		
Production Casing Size: 4 1/2 Wt., Grd.: 13.5# Depth: 11,488 Sxs Cmt: 550 Circulate: No TOC: 8,000' TS Calc TOC after Hole Size: 6 1/2 sqz = ~6,556'	11024	10,9	ex Class H cement 900'-10,407' 10,476'		
Perforations 11024-030, 062-070, 080-080, 161- 166, 348-354	The state of the s		Geology - Tops Lamar		1,719
Tubing Detail 2 3/8" 4.7# Tubing On/Off Tool Packer w/1.875" Profile @ 10,900'		The state of the s	Delaware Cherry Canyon Brushy Canyon Bone Spring Dean Wolfcamp Strawn Atoka Morrow		1,798 2,735 3,838 5,550 7,830 8,178 9,930 9,978 10,576

PBTD: 11,435 TD: 11,488

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 <u>ninety (90)</u> 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. <u>Notification:</u> 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. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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. <u>Cement Requirement</u>: 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. <u>Dry Hole Marker</u>: 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. <u>Subsequent Plugging Reporting:</u> 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. <u>Trash:</u> 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.

