

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTRECEIVED
OCD Artesia

MAY 07 2018

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. II-ARTESIA O.C.D.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM14124
2. Name of Operator CHEVRON USA INCORPORATED Contact: NICK GLANN E-Mail: nglann@chevron.com		6. If Indian, Allottee or Tribe Name
3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 661-599-5062	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T25S R26E SENW 1650FNL 1650FWL		8. Well Name and No. MARQUARDT 1
		9. API Well No. 30-015-22674-00-C1
		10. Field and Pool or Exploratory Area WHITE CITY-PENN (GAS) WHITE CITY-WOLFCAMP
		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			
<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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recomple 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.

9-5/8" 36# @ 2150' w/ TOC @ surface, 7" 26# @ 9720' w/ TOC @ 6230, 5" 15# Liner @ 9336'-11659' w/ TOC @ 9336' ? Did not circ. Records indicate leaking. (Liner)

Chevron respectfully requests to abandon this well as follows:

1. Notify BLM 24 hrs. prior to starting work (575) 234-5909.
2. MIRU, NU BOPE, pull completion
3. Set CIBP @ 9550', circulate 42 bbls water & spot 312 bbls MLF, pressure test casing t/ 500 psi for 10 minutes
4. Spot 35 sx CL C cmt f/ 9550' t/ 9236' (CIBP & TOL). WOC & tag.
5. Spot 30 sx CL C cmt f/ 8621' t/ 8471' (Wolfcamp).
6. Spot 30 sx CL C cmt f/ 6550' t/ 6400' (Old squeeze perms).

5-9-18
Accepted for record - NMOC

Add plugs over
MR Perfs & Straws.
CIBP 50/100' above
each set of perfs.
Cage w/ 35' cmt. on
spot 25 sx. on CIBP.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Electronic Submission #411559 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 04/13/2018 (18PP1520SE)

Name (Printed/Typed) NICK GLANN

Title WELL ABANDONMENT ENGINEER

Signature (Electronic Submission)

Date 04/13/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James C. Amos

Title

Supv. PET

Date

4-28-18

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)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #411559 that would not fit on the form

32. Additional remarks, continued

7. Perf @ 5846' and sqz 55 sx CL C cmt f/ 5846' t/ 5696' (Bone Springs). WOC & tag.
8. Perf @ 2200' and sqz 90 sx CL C cmt f/ 2200' t/ 1960' (Shoe, Delaware). WOC & tag.
9. Perf @ 400' and sqz 145 sx CL C cmt f/ 400' t/ surface (Fresh Water).
10. Cut off wellhead 3' below grade, Verify Cement To Surface, install required dry hole marker as per COA's, turn over to reclamation.

All cement plugs will be class "C" with a closed loop system used.

Add Spacer Plug. Perf @ 3800, SQZ
Cmt to 3660. Tag.

Add Plug, Salado. Perf @ 1150,
SQZ Cmt to 1150. WOC Tag.

Marquardt Federal #1 Wellbore Diagram

Current

Created: 09/28/06	By: C. A. Irie	Well #: 1	Fd./St. #: NM14124
Updated: 03/28/17	By: F. Bielen	API: 30-015-22674	
Lease: Marquardt Federal		Surface Tshp/Rng: T25S & R26E	
Field: White City - Wolfcamp		Unit Ltr.: F	Section: 1
Surf. Loc.: 1,650' FNL & 1,650' FWL		Bottom h: Tshp/Rng:	
Bot. Loc.:		Unit Ltr.:	Section:
County: Eddy	St.: NM	Direction: Carlsbad, NM	
Status: Active Gas Well		Chevno: EQ4449	

Surface Casing

Size: 9 5/8
 Wt., Grd.: 36# K-55
 Depth: 2150'
 Sxs Cmt: 825
 Circulate: Yes
 TOC: Surface
 Hole Size: 12.25"

KB: _____
 DF: _____
 GL: 3326'
 Ini. Spud: 12/19/78
 Ini. Comp.: _____

Intermediate Casing

Size: 7"
 Wt., Grd.: 26#*
 Depth: 9720'
 Sxs Cmt: 500
 Circulate: No
 TOC: 7,630' TS Primary Cmt job
 Hole Size: 8.75"
 DV Tool: 5,697
 *S-95 & N-80

Tubing

304 jts 2 3/8", 4.7#, L-80, EUE-8rd

330 bbls 9# Inhibited packer fluid

Squeeze circ perms at 6500'

TOC @ 6230' post-sqz TS 10/22/96

Packer

5" Elder Lok-Set w/1.781" "F" Profile
 S.S., 3 3/4" On-off Tool
 Set at 9518'

Production Liner

Size: 5"
 Wt., Grd.: 15# N-80
 TOL: 9,336
 Depth: 11,659
 Sxs Cmt: 250
 Circulate: No
 TOC: Tested TOL
 Hole Size: 6.125"

Geology - Tops

Delaware	2,060
Bone Spring	5,796
Wolfcamp	8,571
Strawn	10,196
Atoka	10,335
Morrow	10,998
Barnett	11,451

Wolfcamp Perfs 9609-9622'
 9706-9719'
 9733-9746'

Strawn Perfs 10,318-10,328'

Morrow Perfs 11,139-143', 11,195-143'
 11,258-262', 11,373-377'
 11,432-436' & 11,544-548'

PBTD: 9,978 11,617'
 TD: 11,670

Marquardt Federal #1 Wellbore Diagram

Proposed

Created: 09/28/06	By: C. A. Irie	Well #: 1	Fd./St. #: NM14124
Updated: 03/28/17	By: F. Bielen	API: 30-015-22674	
Lease: Marquardt Federal		Surface Tshp/Rng: T25S & R26E	
Field: White City - Wolfcamp		Unit Ltr.: F	Section: 1
Surf. Loc.: 1,650' FNL & 1,650' FWL		Bottom h Tshp/Rng:	
Bot. Loc.:		Unit Ltr.:	Section:
County: Eddy	St.: NM	Direction: Carlsbad, NM	
Status: Active Gas Well		Chevno: EQ4449	

Surface Casing

Size: 9 5/8

Wt., Grd.: 36# K-55

Depth: 2150'

Sxs Cmt: 825

Circulate: Yes

TOC: Surface

Hole Size: 12.25"

Intermediate Casing

Size: 7"

Wt., Grd.: 26#

Depth: 9720'

Sxs Cmt: 500

Circulate: No

TOC: 7,630' TS Primary Cmt job

Hole Size: 8.75"

DV Tool: 5,697

*S-95 & N-80

Squeeze circ perms at 6500'

TOC @ 6230' post-sqz TS 10/22/96

Packer

5" Elder Lok-Set w/1.781" "F" Profile

S.S., 3 3/4" On-off Tool

Set at 9518'

Production Liner

Size: 5"

Wt., Grd.: 15# N-80

TOL: 9,336

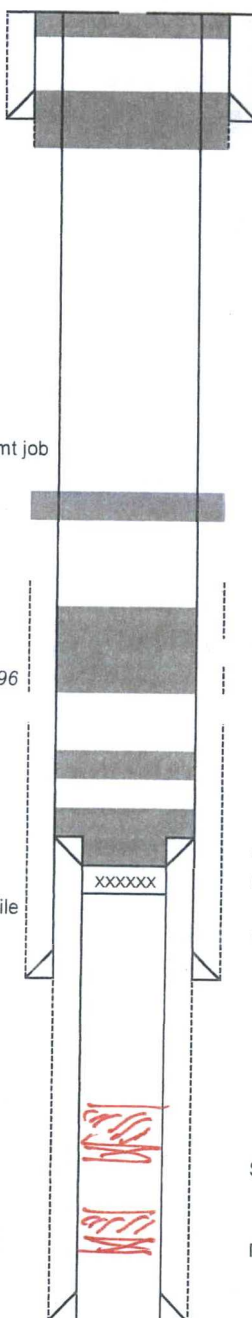
Depth: 11,659

Sxs Cmt: 250

Circulate: No

TOC: Tested TOL

Hole Size: 6.125"



GL: 3326'

P/S 145 sx CL C cmt t/ 400'-surf (Fresh Water)

1200-1400 Salsas

P/S 90 sx CL C cmt 2200'-1960' (Shoe, Delaware)

Geology - Tops

Delaware 2,060

Bone Spring 5,796

Wolfcamp 8,571

Strawn 10,196

Atoka 10,335

Morrow 10,998

Barnett 11,451

P/S 55 sx CL C cmt 5846'-5696' (Bone Springs)

7630 TOC (TS)

Spot 30 sx CL C cmt 6550'-6400' (Old squeeze perms)

Spot 30 sx CL C cmt 8621'-8471' (Wolfcamp)

Spot 35 sx CL C cmt 9550'-9236' (CIBP, TOL)

Set CIBP @ 9550'

Wolfcamp Perfs 9609-9622' ✓

9706-9719'

9733-9746'

Strawn Perfs 10,318-10,328' ✓

Morrow Perfs 11,139-143', 11,195-143' ✓

11,258-262', 11,373-377'

11,432-436' & 11,544-548'

PBTD: 9,978

TD: 11,670 ✓

11,617'

**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.