

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.

5. Lease Serial No.
NMNM15295

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
CK 7 FEDERAL 2

2. Name of Operator
RIDDLE ENGINEERING CORP
Contact: EDUARDO A RIDDLE
E-Mail: e.a.riddle@riddle-eng.com

9. API Well No.
30-015-33421-00-S1

3a. Address
CORPUS CHRISTI, TX 78427

3b. Phone No. (include area code)
Ph: 361-452-2703
Fx: 361-452-2642

10. Field and Pool or Exploratory Area
WHITE CITY-WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T24S R26E SWNE 2520FNL 1415FEL

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 checked="" 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 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.

Riddle Engineering Corp. requests approval of the attached procedure to run a Mechanical Integrity Test in anticipation of Temporary Abandonment. Also attached are current and proposed wellbore diagrams.

RECEIVED

MAY 23 2018

GC 5-24-18
Accepted for record - NMOCD

DISTRICT II-ARTESIA O.C.D.

CHANGE OF OPERATOR

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

**Electronic Submission #384933 verified by the BLM Well Information System
For RIDDLE ENGINEERING CORP, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/27/2017 (17PP0970SE)**

Name (Printed/Typed) EDUARDO A RIDDLE	Title AGENT
Signature (Electronic Submission)	Date 08/16/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By RETURNED Title _____ Date 5/10/18

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

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 ****

July 10, 2017

WORKOVER PROCEDURE

CURRENT STATUS AS OF: 04/01/2017

ELEVATION: 18.0' RKB

WELLHEAD: 7 1/16" 5M flanged

TREE: 2 9/16" 5M flanged tree
Dual master, dual wing w/crown valve

SURFACE CASING: 13 3/8" 54.5 #/ft J55 set @ 397'
Cmt'd w/ 765 sx, 1" to surface

INTERMEDIATE CASING: 9 5/8" 40#/ft NS110 @ 1912'
Cmt'd w/ 1200-sx, 1" to surface

PRODUCTION CASING: 5 1/2" 17 #/ft LTC P110 & N80 set @ 12,329'
1st stage cmt'd w/ 995 sx
2nd stage DV tool @ 7014' cmt'd w/1450 sx
TOC 2295 by temp survey
Note: 5 1/2" csg parted @ 3508' (108.5 jts in)

PRODUCTION LINER: 2 7/8" 6.5 #/ft L80 8rd EUE set @ 11,374'

PRODUCTION PERFORATIONS: 10,879 – 92' EL; 11,006 – 10' EL; 11,048 – 50' EL

PBTD: 11,341' wiper plug; tag fill @ 11,174' w/slick line

ABANDONED PERFORATIONS: 11,820 – 32'; 11,884 – 98' EL
11,926 – 32'; CIBP @ 11,920'
12,028 – 44'; CIBP @ 12,020' w/ TOC 12,000'
12,132 – 12,220'; CIBP @ 12,090' w/ TOC 12,073

TD: 12,329'

CAPACITIES: 2 7/8" tbg – 0.00579 bbls/ft

1. Open well to production tank to bleed down pressure a few days prior to start of workover.
2. MIRU swab rig w/catch tank.
3. MIRU Kill truck filled w/85 bbls of packer fluid. Bullhead 66 bbls packer fluid into 2 7/8" production liner. Allow pressure to bleed to 0 psi.
4. MIRU cased hole electric wireline unit and NU 2 7/8" lubricator. RIH w/gauge ring-junk basket to 10,870'. Run & set CIBP @ 11,860'. Dump bail 35' of cmt on top.
5. RDMO cased hole wireline unit.
6. RU Kill truck to tree. Perform MIT on 2 7/8" production liner. Perform bradenhead test by opening valves and checking for flow. Give BLM 24 hour notice prior to MIT test.
7. RDMO all equipment. Prepare and submit BLM subsequent reports.

RKB: 3776 ft
 GL: 3758 ft
 Logged from KB: 18 ft above PD

CURRENT WELLBORE SCHEMATIC

CK 7 Federal No. 2

April 19, 2017

Well Name & Number

Date (Last Modified)

30-015-33421

API No.

Eddy County, NM

Modified By: **E Riddle**

County

WELLHEAD
 7 1/16" 5M X 2 3/8" API
 11" 5M X 7 1/16" 5M
 11" 5M X 11" 5M Spool

COMPLETIONS

WELLBORE

13 3/8", 54.5#, J-55 @ 397'
 Cmt'd w/ 765 sx, 1" to surface

9 5/8", 40 ppf, NS-110 @ 1912'
 Cmt'd w/ 1200 sx, 1" to surface

TOC behind 5 1/2" @ 2295' w/Temperature Log

TOC behind 2 7/8" @ 3430' by CBL 03/30/2017

5 1/2" parted casing @ 3508'

DV Tool on 5 1/2" @ 7014'
 Cmt'd w/ 1450 sx

Atoka perms (10,879 - 10,892')

Atoka perms (11,006 - 11,010')

Atoka perms (11,148 - 11,150')

Top of Fill @ 11,152'

2 7/8" 6.5 ppf L80 EUE @ 11,374'

CIBP @ 11,752'

Morrow Perfs (11,820 - 11,832')

Morrow Perfs (11,884 - 11,898')

CIBP @ 11,920'

Morrow Perfs (11,926 - 11,932')

TOC @ 12,000'

CIBP @ 12,020'

Morrow Perfs (12,028 - 12,044')

5 1/2", 17 ppf, N-80 & P-110 @ 12,329'

Cmt'd w/ 995 sx

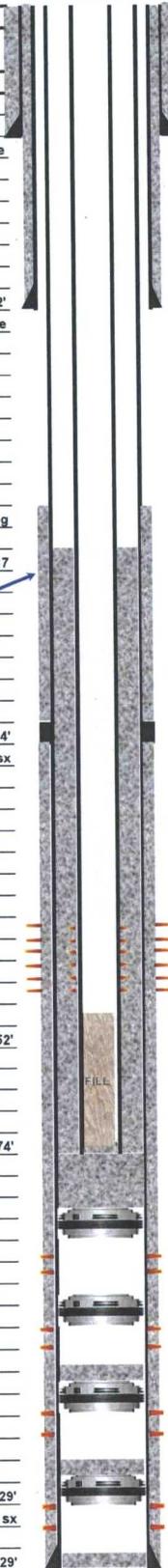
TOC @ 12073'

CIBP @ 12,090'

Morrow Perfs (12,132 - 12,220')

TD - 12,329'

PBTD @ 12,227'



RKB: 3776 ft
 GL: 3758 ft
 Logged from KB: 18 ft above PD

CURRENT WELLBORE SCHEMATIC

CK 7 Federal No. 2
 Well Name & Number
30-015-33421
 API No.
Eddy County, NM
 County

July 12, 2017
 Date (Last Modified)

Modified By: **E Riddle**

WELLHEAD

7 1/16" 5M X 2 3/8" API
11" 5M X 7 1/16" 5M
11" 5M X 11" 5M Spool

COMPLETIONS

WELLBORE

13 3/8", 54.5#, J-55 @ 397'
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TOC behind 5 1/2" @ 2295' w/ Temperature Log

TOC behind 2 7/8" @ 3430' by CBL 03/30/2017

5 1/2" parted casing @ 3508'

DV Tool on 5 1/2" @ 7014'
 Cmt'd w/ 1450 sx

CIBP @ 10,860' w/ 35' of cmt by wireline dump bail

Atoka perms (10,879 - 10,892')

Atoka perms (11,006 - 11,010')

Atoka perms (11,148 - 11,150')

Top of Fill @ 11,152'

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