

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.*Carlsbad Field Office
CD Hobbs
Social No.
1559539**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: FATIMA VASQUEZ Email: fvasquez@cimarex.com		8. Well Name and No. JAMES 19 FEDERAL 31H
3a. Address 600 N MARIENFELD STE 600 MIDLAND, TX 79703	3b. Phone No. (include area code) Ph: 432-620-1933	9. API Well No. 30-025-42222-00-X1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T23S R32E SESE 0050FSL 0330FEL 32.175064 N Lat, 103.422259 W Lon		10. Field and Pool or Exploratory Area SAND DUNES
		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 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 checked="" 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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.

Please see attached PDF for the completion ops.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #459671 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 04/03/2019 (19PP1489SE)	
Name (Printed/Typed) FATIMA VASQUEZ	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/29/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title Accepted for Record	Date APR 09 2019
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.	Jonathon Shepard Carlsbad Field 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 ****

James 19 Fed 31H

Cimarex completed this well as follows:

08/04/2018 Pressure test 9-5/8" x 5-1/2" annulus to 549 psi & bled off to 479 psi in 30 min.

08/08/2018 RIH w/ 4.60" GR. Pulled heavy to 9436', stopped winch. Weight dropped off, lost communication w/ tool string. POOH, found tool string pulled out of cable head.

08/09/2018 RIH w/ overshot to fish GR/JB & tool string. Ran CN/GR/CCL logs from 9400' to surface. Pumped total of 179 bbls total fluid, pressure rapidly increased from 4300 psi to 7240 psi. Pressure lost on all strings. 13-3/8" csg (was cmt'd top to bottom from 1231') parted at bottom of csg head. 9-5/8" csg (was cmt'd top to bottom from 4633') parted at a collar approx. 10' down below csg head. 5-1/2" (cmt circ to surface) parted at some point but don't know where.

08/10/2018 9-5/8" csg is setting on lip of csg collar landed on baseplate attached to 13-3/8" csg. Secure wellhead. No flow or gas from well.

08/11/2018 Removed frac stack, wellhead & 3 jts of 5-1/2" csg. 5-1/2" coupling failed on 3rd joint below wellhead. Attempted to set plug inside 5-1/2" csg – unsuccessful. Wireline hitting obstruction @ 250'-360'. 5-1/2" coupling failed prematurely @ ~7400 psi, 9-5/8" & 13-3/8" csg strings also failed ~ 7400 psi.

08/12/2018 Dug out cellar ~3' below failed 13-3/8" csg & welded on new wellhead, installed well control equipment.

08/15/2018 Evaluate 5-1/2" csg w/ camera, began pulling csg from wellbore.

08/16/2018 Pulled 3 jts of 5-1/2" csg w/ spear. Current top of 5-1/2" csg is 278'. Tagged 278' & 365' with 1-1/4" tbq. After 365', we have not seen any obstructions down to ~2500' w/ 1-1/4" tbq.

08/19/2018 Run logs. Surface test of bond log shows short in cable head.

08/20/2018 Continue to pull out damaged 5-1/2" csg. Successfully set plug @ 8525' (KOP @ 8933'). Current top of 5-1/2" csg @ 410'.

09/10/2018 RIH w/ pkr to 437', tested to 2000 psi for 30 mins - good test.

09/11/2018 Run burnover shoe to push down cracked coupling to 415'.

09/12/2018 RIH w/ 5-1/2" L-80 20#. Pressure test to 2000 for 30 mins - good test.

09/13/2018 Ran 1-1/4" inside 5-1/2" x 9-5/8" annulus to 390'. Cmt w/ 155 sx Class C, 14.8 ppg, 1.35 yld. Circ 35 bbls to surface.

09/14/2019 Contact BLM for path forward.

09/15/2018 DO CIBP @ 8505' & RIH to 14,220' (tagged solid on top of fish).

09/17/2018 Set CIBP @ 14,210'. Test csg to 2000 psi for 30 min - good test.

10/12/2018 Zota Stevens w/ BLM emailed approval to RIH w/ 3-1/2" L-80 12.7#Ultra FX csg and cmt it.

10/16/2018 RIH w/ 3-1/2" 12.7# L-80 Ultra FX csg & set @ 14,200'.

10/18/2018 Mix & pump tail: 210 sx NeoCem cmt, 13.2 ppg, 1.44 yld. Circ 1 sx to surface. SI well.

11/29/2018 Test csg 13,8000 psi for 30 min – good test. SWI.

01/06/2019 Frac Stg 1 Bone Spring @ 14,182'. Gun stuck in hole.

01/08/2019 Tag fish @ 13,902'. Retrieved fish, all BHA accounted for.

01/09/2019 to

01/22/2019 Frac Bone Spring @ 9639' – 14,182', 615 holes, .36". Frac w/ 175,151 bbls total fluid & 8,478,436# sand.

01/23/2019 DO plugs.

01/27/2019 Finish DO plugs. Tag PBDT @ 14,200' & circ well clean. SI.

01/29/2019 Turn to production.