Form 3160-5
(August 2007)

NMOCD Artesia

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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 reverse side.

5. Lease Serial No.
NMNM0479142

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
JAMES E FEDERAL 15

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: RHONDA ROGERS
E-Mail: rogerrs@conocophillips.com

9. API Well No.
30-015-27078-00-S1

3a. Address
MIDLAND, TX 79710 1810

3b. Phone No. (include area code)
Ph: 432-688-9174

10. Field and Pool, or Exploratory
CABIN LAKE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 12 T22S R30E NWSW 1980FSL 995FWL

11. County or Parish, and State
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips request to add pay to the Delaware @ 6060'-7490'.
Attached are the procedures:

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 19 2015
RECEIVED

LRD 11/20/15
Accepted for record
NMOCD

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

Electronic Submission #253970 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/12/2015 (15CQ0287SE)

Name *(Printed/Typed)* RHONDA ROGERS — Title STAFF REGULATORY TECHNICIAN

Signature (Electronic Submission) — Date 07/21/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approved By — Title — Date

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.

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

ConocoPhillips

James E 15
API #30-015-27078
Eddy County

Attached is a procedure to complete the James E-15 in the Brushy Canyon within the gross section: 6060-7490. The attached procedure consists of:

Selectively perforate the Brushy Canyon over 8 intervals within the gross section: 6060-7490
Selectively acidize & water-frac w/ produced water each of the 8 perforated intervals
Return to production & test. In event the completion intervals produce at marginal rates:

Frac-treat the Brushy Canyon gross section 6060-7490 down 3-1/2" tbg in 2-stages

The James E-15 is currently completed in the continuous perforated Cherry Canyon interval: 5770-5805. The following is a summary of the reported well tests:

Date	BOPD	BWPD	MCFPD
01.20.11	23	39	8
07.09.11	23	41	9
01.12.12	19	43	9
07.25.12	17	44	8
10.22.12	16	47	10

PROCEDURE

Set 3: 500 bbl clean frac tank. Load w/ produced water. Water is to be biocide-treated by chemical service provider

1. MI & RU well service unit. The following is a well file source summary of the current well configuration (last well service: 11.2011):

2. POOH & LD rods & pump (rods & pump in service since 11.28.2001).
   ND well. NU BOP.
   Scan 2-7/8", 6.5#, J-55 tbg out-of-hole (tbg in service since 11.28.2001).

3. PU & RIH w/ 4-3/4" bit, csg scraper (5-1/2", 15.5#) & 2-7/8", 6.5#, N-80 workstring to 7672 (PBD).
   Attempt to load well w/ produced water (well capacity w/ tbg: 161 bbl)
   POOH w/ tbg, csg scraper & bit.

4. RU perforating service provider. NU lubricator. Test @ 500#.
   Perforate following intervals @ 1 spf w/

SLB (or equivalent): 3-3/8" PowerJet, 38.6 gm, EHD: 0.47", Pen.: 46.4"

Intervals (RKB)			
top	btm	ft.	shots

6060	6100	40	40
6440	6454	14	14
7054	7066	12	12
7254	7264	10	10
7284	7298	14	14
7312	7338	26	26
7430	7450	20	20
7480	7490	10	10

RD perforating service provider

5. RIH w/ RBP, PKR & 2-7/8", N-80 tbg. Test tbg below slips @ 5000# (Internal Yield: 10,570#).

6. RU acid services.
Install surface lines. Test surface lines @ 5000#.
Acidize Brushy Canyon perforated intervals w/ total volume: 292 bbl (12,264 gal) 15% NE Fe HCl
7480-7490
   a) Set RBP @ 7550 (collars: 7530 & 7572)
   b) Set PKR @ 7465 (between perforations: 7450 & 7480; collars: 7442 & 7486)
   c) Load tbg w/ 2% produced water
   d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
   e) Pump 20 bbl 15% NE FE HCl
   f) Displace w/ 84 bbl produced water (includes 40 bbl over-flush volume)
   g) Record ISIP & SITP(2 min)

   7430-7450
   a) Set RBP @ 7465 (between perforations: 7450 & 7480; collars: 7442 & 7486)
   b) Set PKR @ 7375 (between perforations: 7338 & 7430; collars: 7354 & 7398)
   c) Load tbg.
   d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
   e) Pump 40 bbl 15% NE FE HCl
   f) Displace w/ 124 bbl produced water (includes 80 bbl over-flush volume)
   g) Record ISIP & SITP(2 min)

   7312-7338
   a) Set RBP @ 7375 (between perforations: 7338 & 7430; collars: 7354 & 7398)
   b) Set PKR @ 7305 (between perforations: 7298 & 7312; collars: 7310)
   c) Load tbg.
   d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
   e) Pump 52 bbl 15% NE FE HCl
   f) Displace w/ 147 bbl produced water (includes 104 bbl over-flush volume)
   g) Record ISIP & SITP(2 min)

   7284-7298
   a) Set RBP @ 7305 (between perforations: 7298 & 7312; collars: 7310)
   b) Set PKR @ 7275 (between perforations: 7264 & 7284; collars: 7266)
   c) Load tbg.
   d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
   e) Pump 28 bbl 15% NE FE HCl
   f) Displace w/ 99 bbl produced water (includes 56 bbl over-flush volume)
   g) Record ISIP & SITP(2 min)

7254-7264

a) Set RBP @ 7275 (between perforations: 7264 & 7284; collars: 7266)
b) Set PKR @ 7200 (between perforations: 7066 & 7254; collars: 7180 & 7225)
c) Load tbg.
d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
e) Pump 20 bbl 15% NE FE HCl
f) Displace w/ 83 bbl produced water (includes 40 bbl over-flush volume)
g) Record ISIP & SITP(2 min)

7054-7066

a) Set RBP @ 7135 (between perforations: 7066 & 7254; collars: 7069, 7114 & 7158)
b) Set PKR @ 7000 (between perforations: 6454 & 7054; collars: 6938, 6981 & 7025)
c) Load tbg.
d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
e) Pump 24 bbl 15% NE FE HCl
f) Displace w/ 90 bbl produced water (includes 48 bbl over-flush volume)
g) Record ISIP & SITP(2 min)

6440-6454

a) Set RBP @ 6520 (between perforations: 6454 & 7054; collars: 6457, 6500 & 6544)
b) Set PKR @ 6390 (between perforations: 6100 & 6440; collars: 6325, 6369 & 6413)
c) Load tbg.
d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
e) Pump 28 bbl 15% NE FE HCl
f) Displace w/ 95 bbl produced water (includes 56 bbl over-flush volume)
g) Record ISIP & SITP(2 min)

6060-6100

a) Set RBP @ 6175 (between perforations: 6100 & 6440; collars: 6107, 6151 & 6195)
b) Set PKR @ 6040 (between DVT: 6017-6019 & perforation: 6060)
c) Load tbg.
d) Breakdown & obtain PIR w/ 10 bbl produced water (ATP: 1500#. AIR: 5 BPM)
e) Pump 80 bbl 15% NE FE HCl
f) Displace w/ 196 bbl produced water (includes 160 bbl over-flush volume)
g) Record ISIP & SITP(2 min)

7. POOH & LD 2-7/8", 6.5#, N-80 tbg, PKR & RBP.

8. Downhole equip for production. Estimated production capacity: 350 BFPD

RIH & hydro-test 2-7/8", 6.5#, J-55 production tbg:
TAC positioned approximately: 5725 (upr perforation: 5770; collars: 5706 & 5749)
EOT positioned approximately: 7540 (lwr perforation: 7490; PBD: 7672)

ND BOP. NU well.
RIH w/ pump & rods
Well is surface equipped w/ C456-256-120 operating w/ 120" stroke @ 5.6 SPM
RD well service unit.

9. Return well to production. Place well on test after 2 weeks.

Subject to production tests, the James E-15 may be frac-treated as follows:

Prior to frac date, will require 5: 500 bbl clean frac tanks filled w/ 2% KCl. Water is to be biocide-treated by frac-service provider

10. MI & RU well service unit.

11. POOH & LD rods & pump (rods & pump in service since 03.11.14).
    ND well. NU BOP

12. RIH w/ 4-3/4" bit, csg scraper (5-1/2", 15.5#) & 2-7/8" tbg to 6775.
    Attempt to load well w/ produced water (well capacity w/ tbg: 146 bbl)
    POOH w/ tbg, csg scraper & bit.

13. PU & RIH w/ 3-1/2", 9.3#, N-80 tbg & PKR. Test tbg below slips @ 8500#.

14. Set PKR @ 6750 (between perforations: 6454 & 7054; collars: 6720 & 6763)

15. NU frac stack

    Frac down 3-1/2", 9.3#, N-80 tbg w/

SION to allow CRC sand to cure.

16. Release PKR. POOH & stand back 3-1/2" tbg.

17. PU & RIH w/ RBP, PKR & 3-1/2", 9.3#, N-80 tbg. Test tbg below slips @ 8500#.

18. Set RBP @ 6525 (between perforations: 6454 & 7054; collars: 6500 & 6544)

19. Set PKR @ 6515. Test RBP @ 3500# surface prs (BHP @ RBP: 6360#; grad.: 0.97 psi/ft)

20. Re-set PKR @ 5900 (between perforations: 5805 & 6060; collars: 5884 & 5928).

21. NU 10K frac stack

    Frac down 3-1/2", 9.3#, N-80 tbg w/

22. ND frac stack. POOH w/ tbg & PKR.

23. RIH w/ tbg & RBP retrieving head. Retrieve RBP @ 6525. POOH & LD 3-1/2", 9.3#, N-80 tbg..

24. Downhole equip for production. Estimated production capacity: 350 BFPD
    RIH & hydro-test 2-7/8", 6.5#, J-55 production tbg:
    TAC positioned approximately: 5725 (upr perforation: 5770; collars: 5706 & 5749)
    EOT positioned approximately: 7540 (lwr perforation: 7490; PBD: 7672)

    ND BOP. NU well.

    RIH w/ pump & rods (ref.: RodStar-based design).
    Well is surface equipped w/ C456-256-120 operating w/ 120" stroke @ 5.6 SPM
    RD well service unit.

25. Return well to production. Place well on test after 2 weeks.