

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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.

FORM APPROVED
OMB No 1004-0135
Expires July 31, 1996

5 Lease Serial No

NM-4314

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No.

Pipeline Deep 5 Federal No. 3

9 API Well No

30-025-37196

10 Field and Pool, or Exploratory Area

DHC E-K, Bone Spring & La Rica, Wolfcamp

11 County or Parish, State

Lea County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Cimarex Energy Co. of Colorado

3a. Address

PO Box 140907; Irving, TX 75014-0907

3b Phone No (include area code)

972-401-3111

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

1650' FNL & 1340' FEL
5-19S-34E

SUBJECT TO LIKE APPROVAL BY STATE

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 Add Bone Spring

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

Perfs

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

13 Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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.)

The Pipeline Deep 5 Federal No. 3 was recently recompleated from the Morrow (13158'-13550') to the Bone Spring (9692'-9925') and Wolfcamp (11361'-11378'), with a CIBP @ 13135.' The Bone Spring and Wolfcamp were downhole commingled.

To maximize Bone Spring potential, Cimarex proposes to add more Bone Spring perfs by performing the following operations:
POH w/ rods, pump, and tubing.

Set CBP @ 9600.

Perf Bone Spring 9393'-9401' 3 spf, 9380'-9384' 3 spf, 9365'-9369' 3 spf, total 48 holes.

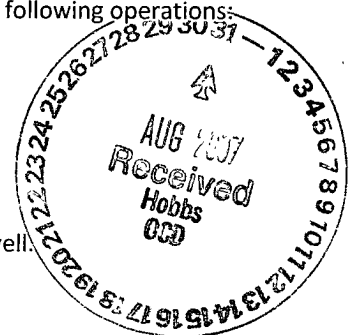
Set RBP @ 9450 & PKR @ 9320.' Acidize 9380'-9401' w/ 1600 gal 15% NeFe Acid & ball sealers.

Move RBP to 9320' & PKR to 9040.' Acidize 9138'-9163' w/ 1200 gal 7.5% NeFe Acid & ball sealers.

(Frac if necessary.)

Remove RBP and CBP and return to production as downhole commingled Bone Spring & Wolfcamp oil well.

Please see attached procedure.



14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Natalie Krueger

Signature

Title

Reg Analyst

Date

August 23, 2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

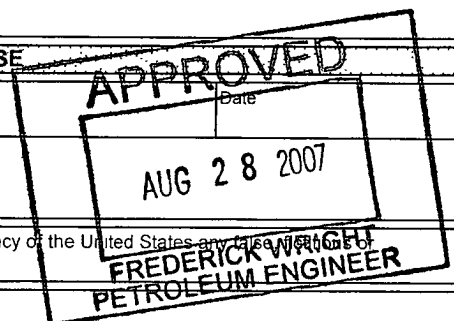
Conditions of Approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

GW



PIPELINE DEEP 5 FEDERAL #3 BONE SPRINGS RECOMPLETION 07/30/07

API # 30-025-37796
1650' FNL & 1340' FEL
Section 5, 19S, R-34E
Lea County, New Mexico

GL : 3869' KB : 3898'
TD DRILLER : 13738'
SURF CSG : 13-3/8" OD 48#/FT H-40 AT 432' W/ 410 SX. TOC 0' (CIRC 122 SX)
INTER CSG: 9-5/8" OD 40#/FT J-55 AT 3518' W/ 1200 SX. TOC 0' (CIRC 245 SX)
PROD CSG : 5-1/2" OD 17# P-110 @ 13742' W/ 2155 SX. TOC 1250' (TS)
DV TOOL AT 9828' (PIPE TALLY DURING DO), 9837' (CBL)
SCATTERED CEMENT BOND FROM 12575'-9960'
ID=4.892", DRIFT=4.767", BURST=10640 PSI, CAPACITY=0.9764 GAL/LF
TUBING: 2-7/8" 6.5 # L-80
PERFS: 9692-97' 9720-25' 9732-35' 9911-25' BONE SPRING
11361-78' WOLFCAMP
CIBP @ 13,135' W/ 35' CMT
13158-13550' (OVERALL) MORROW

NOTE: ALL WIRELINE WORK SHOULD BE CORRELATED TO HALLIBURTON RADIAL CBL DATED 1/21/06. THERE IS SOME SHIFT BETWEEN THE CASED HOLE LOG AND THE OPENHOLE LOGS THAT HAS BEEN FACTORED IN TO THE PERFORATION SELECTION.

1. SPOT ONE FRAC TANK AND FILL WITH 400 BBL 4% KCL. SPOT FLOWBACK TANK. MIRU PU. TOH W/ RODS AND PUMP KILL TUBING AND CASING WITH 4% KCL WATER IF NECECCARY. NU BOP. RELEASE TAC AND TOH WITH TUBING.
2. MIRU WIRELINE. RIH WITH 4.5" GR/JB TO 9650'. RIH WITH CBP AND SET AT 9,600'. LOAD HOLE WITH 4% KCL WATER AND TEST PLUG TO 2000 PSI.
3. PERFORATE BONE SPRING PAY AS FOLLOWS (3 SPF, 120 DEG PHASING, 0.42 EHD):

ZONE	INTERVAL		FOOTAGE	HOLES
Bone Sp cart	9393	9401	8.0	24
Bone Sp cart	9380	9384	4.0	12
Bone Sp cart	9365	9369	4.0	12
Bone Sp cart	9350	9354	4.0	12
Bone Sp cart	9335	9339	4.0	12

MONITOR FLUID LEVEL IN AND OUT OF HOLE

4. TIH WITH RBP (WITH BALL CATCHER) AND TREATING PACKER, TESTING IN THE HOLE TO 7000 PSI. SET RBP AT 9450'. SPOT 2 BARRELS ACID ACROSS PERFORATED INTERVAL FROM 9380-9401'. MOVE PACKER UPHOLE TO 9320' AND SET. TREAT BONE SPRING PERFS FROM 9380-9401' USING 1600 GALLONS 15% NEFE ACID AND BALL SEALERS WITH A MAX TREATING PRESSURE OF 7000 PSI. FLUSH WITH SLICK WATER. RECORD ISIP AND ONE SECOND DATA FOR 60 SECONDS. SWAB WELL DOWN THE DAY OF ACID JOB. RECORD ENTRY AND CUT THE NEXT MORNING AND REPORT TO MIDLAND. GET ONE HOUR ENTRIES FOR 4 HOURS. OBTAIN WATER SAMPLE.
5. MOVE RBP TO 9320'. SPOT 2 BARRELS ACID ACROSS PERFS. SET PACKER AT 9040'. TREAT BONE SPRING PERFORATIONS FROM 9138-9163' WITH 1200 GAL 7.5% NEFE ACID AND BALL SEALERS WITH MAX TREATING PRESSURE OF 7000 PSI. FLUSH WITH SLICK WATER. RECORD ISIP AND ONE SECOND DATA FOR 60 SECONDS. SWAB WELL DOWN THE DAY OF ACID JOB. RECORD ENTRY AND CUT THE NEXT MORNING. GET ONE HOUR ENTRIES FOR 4 HOURS AND OBTAIN WATER SAMPLE. CONSULT WITH MIDLAND OFFICE ON NEXT STEPS. IF DECISION MADE NOT TO FRAC, TOH WITH RBP AND PACKER. DRILL OUT CBP AT 9600'. TIH W/ PRODUCTION EQUIPMENT AND RETURN TO PRODUCTION.