

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.*5 Lease Serial No.
NMNM025559

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8 Well Name and No.
IRWIN 13 FEDERAL 3 *HK*

2. Name of Operator

Contact: TERRI STATHEM

9. API Well No.

CIMAREX ENERGY COMPANY OF CO E-Mail: tstathem@cimarex.com

30-015-38100-00-S1

3a. Address

600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1936

10. Field and Pool, or Exploratory
HACKBERRY

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

Sec 13 T19S R30E SESE 710FSL 125FEL

11 County or Parish, and State

EDDY COUNTY, NM

RECEIVED
FEB 29 2012

12. CHECK 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"/> Fracture Treat	<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	Drilling Operations
	<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 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.)

DRILLING:

9/19/11 SPUD WELL

9/20/11 TD 17-1/2" HOLE @ 535'. RIH W/ 13-3/8" 48# H40 STC CSG & SET @ 535'. CMT W/ LEAD: 300 SX

CLASS C; TAIL W/ 220 SX CLASS C.

9/21/11 TOC @ 180'. RIH W/ 1" - MIX & PUMP 440 SX CLASS C. CIRC 2 BBLs.

9/30/11 TD 12-1/4" HOLE @ 4005'.

10/2/11 RIH W/ 9-5/8" 40#, J55, LTC CSG & SET @ 4005'. CMT W/ LEAD: 1200 SX ECONOCEM; TAIL W/

200 SX HALCEM. RAN TEMP SURV. - TOC @ 900'.

10/3/11 RIH W/ 1" - MIX & PUMP 90 SX PREMIUM PLUS. TOC @ 434'. MIX & PUMP 154 SX PREMIUM PLUS.

CIRC 29 SX.

10/5/11 TEST CSG TO 2150 PSI FOR 30 MINS - OK.

10/31/11 TD 8-3/4" HOLE @ 14203'.

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

Electronic Submission #130064 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by JAMES (JIM) HUGHES on 02/08/2012 (12JLH0409SE)

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/03/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJAMES A AMOS
Title SUPERVISOR EPS

Date 02/19/2012

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.

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

Additional data for EC transaction #130064 that would not fit on the form

32. Additional remarks, continued

11/2/11 RIH W/ 5-1/2", 17# P110 LTC CSG & SET @ 14183'. CMT W/ LEAD 1100 SX ECONOCHEM H; TAIL W/ 1600 VERSACHEM H. CIRC 64 SX.
11/4/11 RELEASE RIG.

COMPLETION:

11/20/11 MIRU. PERF BONE SPRING @ 13639-14025' 40 HOLES. FRAC W/ 353541 GALS TOTAL FLUID; 650560# SAND. RIH W/ CBP SET @ 13576'. PERF @ 13127-13513' 40 HOLES; FRAC W/ 295636 GALS TOTAL FLUID; 567447# SAND. RIH W/ CBP SET @ 13064'. PERF @ 12615-13001' 40 HOLES. FRAC W/ 270224 GALS TOTAL FLUID; 478661# SAND. RIH W/ CBP & SET @ 12552'. PERF @ 12103-12489' 40 HOLES.
11/21/11 FRAC W/ 223497 GALS TOTAL FLUID; 368908# SAND. RIH W/ CBP & SET @ 12040'. PERF @ 11591-11977' 40 HOLES; FRAC W/ 178632 GALS TOTAL FLUID; 287025# SAND. RIH W/ CBP & SET @ 11513'. PERF @ 11086-11466' 40 HOLES; FRAC W/ 120022 GALS TOTAL FLUID 191332# SAND. RIH W/ CBP & SET @ 11024'. PERF @ 10582-10962' 40 HOLES; FRAC W/ 101139 GALS TOTAL FLUID, 142714# SAND. RIH W/ CBP & SET @ 10520'. PERF @ 10078-10458' 40 HOLES. FRAC W/ 43579 GALS TOTAL FLUID; 47473# SAND.
11/23/11 MILL OUT CBPs.
11/24/11 MILL OUT CBPs. CO.
12/2/11 RIH W/ PRODUCTION EQUIPMENT/ESP. 2-7/8" TBG SET @ 8399. TURN WELL TO PROD.