


 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.

HOBBS OCD

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

JAN 27 2014

RECEIVED

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM51837
2. Name of Operator CIMAREX ENERGY CO OF COLORADO		6. If Indian, Allottee or Tribe Name
3a. Address 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-687-3033		8. Well Name and No. KINAHAN 20 FEDERAL 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T15S R30E SESW 660FSL 1650FWL		9. API Well No. 30-005-28026-00-S1
		10. Field and Pool, or Exploratory LITTLE LUCKY LAKE-MORROW
		11. County or Parish, and State CHAVES COUNTY, NM

## 12. CHECK 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"/> 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 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.)

1) CONTACT THE BLM ROSWELL FIELD OFFICE AT LEAST 24 HRS. PRIOR TO COMMENCEMENT OF ANY PLUGGING OPERATIONS.

2) SET 5-1/2" CIBP @ 10,300'; PUMP 50 SXS.CLASS"H"CMT. @ 10,300'-10,100'(MRRW.); WOC X TAG CMT. PLUG; CIRC. WELL W/ PXA MUD.

3) PUMP 30 SXS.CLASS"H"CMT. @ 7,818'-7,638'(T/WC); WOC X TAG CMT. PLUG.

4) PUMP 25 SXS.CLASS"C"CMT. @ 6,515'-6,345'(T/ABO).

5) PUMP 25 SXS.CLASS"C"CMT. @ 4,335'-4,185'(T/GLOR.).

6) PUMP 55 SXS.CLASS"C"CMT. @ 3,080'-2,700'(8-5/8"CSG.SHOE,T/S.A.); WOC X TAG.

7) CUT X PULL 5-1/2" CSG. @ +/-2,500'.

8) PUMP 40 SXS.CLASS"C"CMT. @ 2,560'-2,440'(5-1/2"CSG.STUB); WOC X TAG.

9) PUMP 40 SXS.CLASS"C"CMT. @ 1,475'-1,365'(T/YATES).

10) PUMP 35 SXS.CLASS"C"CMT. @ 510'-410'(13-3/8"CSG.SHOE); WOC X TAG.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #229365 verified by the BLM Well Information System For CIMAREX ENERGY CO OF COLORADO, sent to the Roswell Committed to AFMSS for processing by BEVERLY WEATHERFORD on 12/13/2013 (14BMW1510SE)	
Name (Printed/Typed) DAVID A EYLER	Title AGENT
Signature (Electronic Submission)	Date 12/12/2013

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DAVID R GLASS	Title PETROLEUM ENGINEER	Date 01/21/2014
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 Roswell

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.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

APPROVED FOR 3 MONTH PERIOD  
ENDING FEB 27 2014

MAR 3/2014  
1/28/2014  
28 2014

**Additional data for EC transaction #229365 that would not fit on the form**

**32. Additional remarks, continued**

11)CIRC. TO SURF., FILLING ALL ANNULI, 25 SXS.CLASS"C"CMT. @ 63'-3'.

12)DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

DURING THIS PROCEDURE WEL PLAN TO USE THE CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

## Revisions to Operator-Submitted EC Data for Sundry Notice #229365

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM51837	NMNM51837
Agreement:		
Operator:	CIMAREX ENERGY CO OF COLORADO 600 N. MARIENFELD, SUITE 600 MIDLAND, TX 79701 Ph: 432-571-7800	CIMAREX ENERGY CO OF COLORADO 600 N MARIENFELD ST SUITE 600 MIDLAND, TX 79701 Ph: 432-620-1938
Admin Contact:	DAVID A EYLER AGENT E-Mail: DEYLER@MILAGRO-RES.COM  Ph: 432-687-3033	DAVID A EYLER AGENT E-Mail: DEYLER@MILAGRO-RES.COM  Ph: 432-687-3033
Tech Contact:	DAVID A EYLER AGENT E-Mail: DEYLER@MILAGRO-RES.COM  Ph: 432-687-3033	DAVID A EYLER AGENT E-Mail: DEYLER@MILAGRO-RES.COM  Ph: 432-687-3033
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
Field/Pool:	LITTLE LUCKY LAKE-MORROW	LITTLE LUCKY LAKE-MORROW
Well/Facility:	KINAHAN 20 FEDERAL 003 Sec 20 T15S R30E SESW 660FSL 1650FWL	KINAHAN 20 FEDERAL 3 Sec 20 T15S R30E SESW 660FSL 1650FWL



Spudded 6/28/2008

Cimarex Energy Co. of Colorado  
**KINAHAN "20" FEDERAL #3**

660' FSL & 1980' FWL

Sec 20 - T153S - R30E, Chavez Co NM

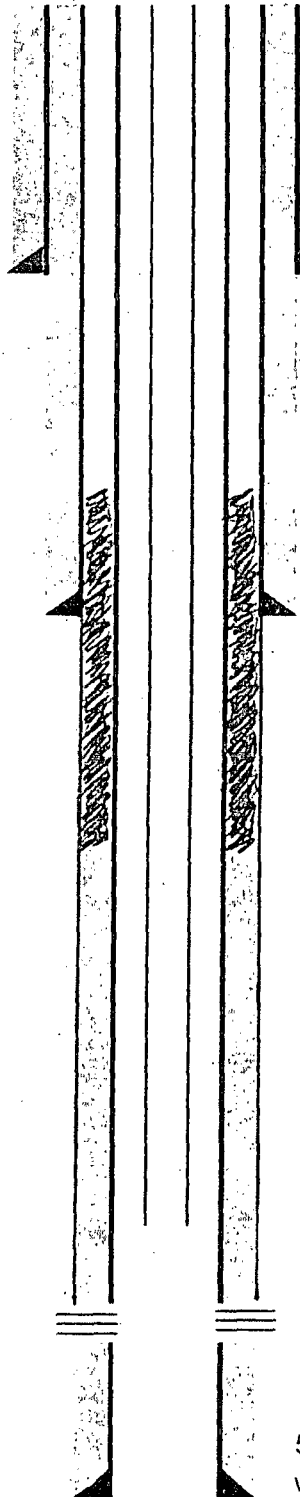
API # 30-005-28026

CIMAREX Property #309664-008

GL = 3966', KB - 18' AGL

J. Piwetz

7/25/2013



13-3/8" 48#, H-40 ST&C @ 460'  
w/420 sxs cmnt; Circulated cmnt

8-5/8" 32#, J-55 csg @ 3029'  
w/1,050 sxs cmnt; Circulated cmnt

Rods & Tubing (See attached)

Morrow

10,337 - 341', 10,386 - 390', 10,392 - 401'

62 holes TCP Gun w/Stim Sleeve

5-1/2" 17# P-110 csg @ 10,476'

w/ 1300 sxs cmnt; TOC @ 2,700' (CBL 08/07/08)

PBTD: 10,418'

TD: 10,496'

EC

**CIMAREX**

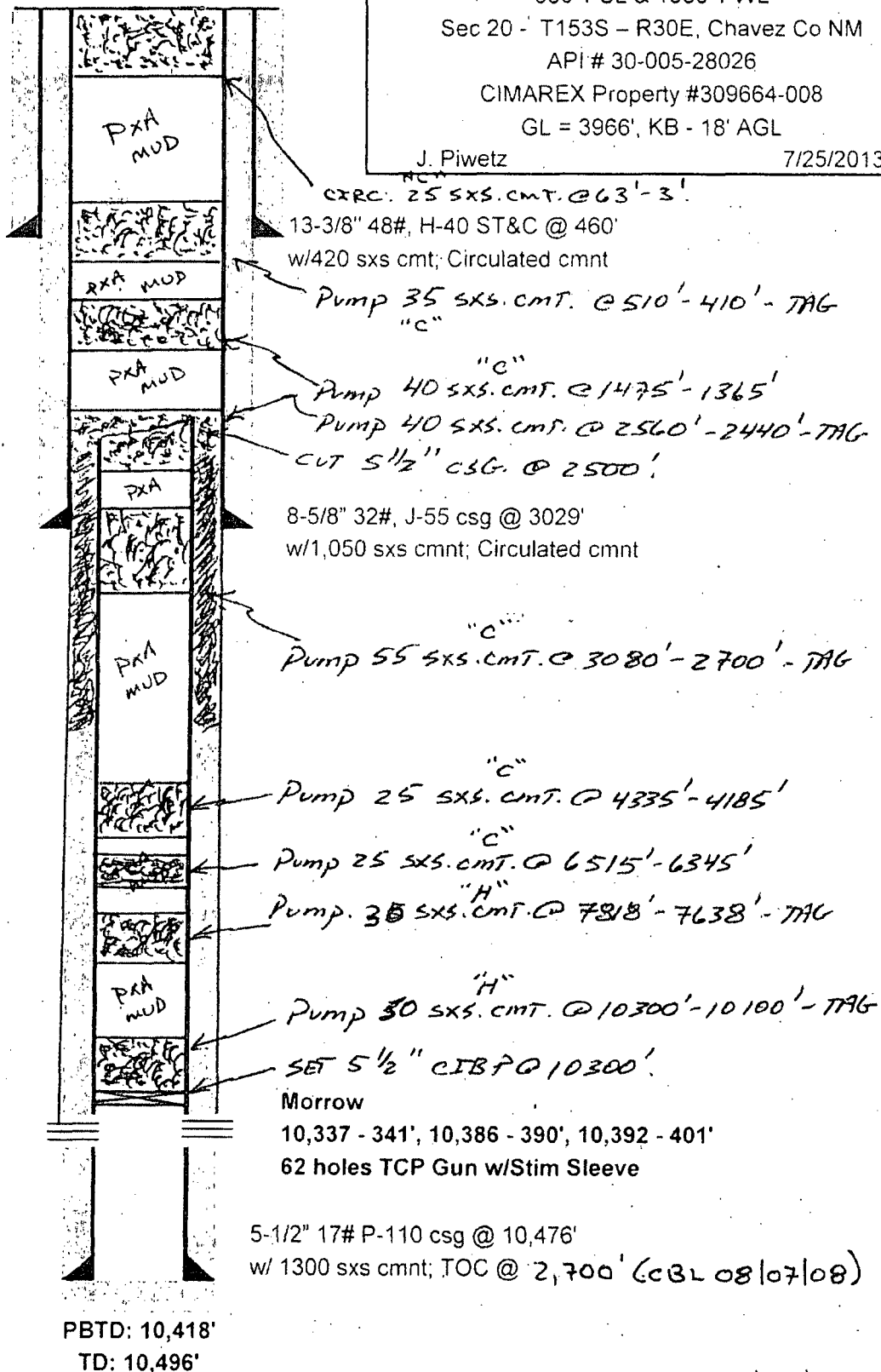
Spudded 6/28/2008

**Cimarex Energy Co. of Colorado**  
**KINAHAN "20" FEDERAL #3**

660' FSL & 1980' FWL  
 Sec 20 - T153S - R30E, Chavez Co NM  
 API # 30-005-28026  
 CIMAREX Property #309664-008  
 GL = 3966', KB - 18' AGL

J. Piwetz

7/25/2013



DAE 08/20/13  
 Revised 12/12/13 DAE

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 West Second Street**  
**Roswell, New Mexico 88201**  
**(575) 627-0272**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon. **If you are unable to plug the well by the 90<sup>th</sup> day provide the BLM Roswell Field Office (RFO), prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when the BLM Roswell Field Office can expect the well to be plugged. Failure to do so will result in enforcement action. Unless the well has been properly plugged, the rig shall not be removed from over the hole without prior approval.**

2. Notification: Contact the BLM Roswell Field Office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, during office hours or after office hours call (575) 627-0205. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9090 feet; a 3M system for a well not deeper than 13636 feet; and a 5M system for a well not deeper than 22727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at a rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" for up to 7500 feet of depth, mixed at 14.8 lbs./gal with 6.3 gallons of fresh water per sack or class "H" for deeper than 7500 feet plugs, mixed at 16.4 lbs./gal with 4.3 gallons of fresh water per sack.

6. Monument: Upon abandonment of the well, all casing shall be cut-off at the base of the cellar or 3-feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).

7. Timing Limitation Lease Stipulation / Condition of Approval For Lesser Prairie-Chicken: Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1 through June 15 annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, geophysical exploration other than 3-D seismic operations, and pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise.

8. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to the BLM Roswell Field Office. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

Following the submittal and approval of the Subsequent Report of Abandonment, a Notice of Intent for Final Abandonment with the proposed surface restoration procedure must be submitted for approval.