

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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

AUG 30 2013

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.

RECEIVED

Lease Serial No.
NMNM51837

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
KINAHAN 20 FEDERAL 39. API Well No.
30-005-28026-00-S110. Field and Pool, or Exploratory
LITTLE LUCKY LAKE-MORROW11. County or Parish, and State
CHAVES 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

Contact: DAVID A EYLER
Email: DEYLER@MILAGRO-RES.COM

3a. Address

600 N MARIENFELD ST SUITE 600
MIDLAND, TX 797013b. Phone No. (include area code)
Ph: 432-687-3033

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

Sec 20 T15S R30E SESW 660FSL 1650FWL

Unit N

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 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.)

- 1) SET 5-1/2" CIBP @ 10,300'; PUMP 30 SXS.CMT. @ 10,300'-10,100'(T/MRRW.). -WOC & Tag
2) CIRC. WELL W/ PXA FLUID.
3) PUMP 25 SXS.CMT. @ 7,818'-7,638'(T/WC); WOC X TAG CMT. PLUG.
4) PUMP 25 SXS.CMT. @ 6,515'-6,345'(T/ABO).
5) PUMP 25 SXS.CMT. @ 4,335'-4,185'(T/GLOR.).
6) PUMP 55 SXS.CMT. @ 3,080'-2,700'(8-5/8"CSG.SHOE,T/S.A.); WOC X TAG CMT. PLUG.
7) CUT X PULL 5-1/2" CSG. @ +/-2,500'.
8) PUMP 40 SXS.CMT. @ 2,560'-2,440'(5-1/2"CSG.STUB); WOC X TAG CMT. PLUG.
9) PUMP 40 SXS.CMT. @ 1M475'-1,365'(T/YATES).
10) PUMP 35 SXS.CMT. @ 510'-410'(13-3/8"CSG.SHOE); WOC X TAG CMT. PLUG.
11) CIRC. TO SURF., FILLING ALL ANNULI, 25 SXS.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.

Please Contact The BLM Roswell Field Office At Least 24 Hours Prior To The Commencement Of Any Plugging Operations. During Office Hours Or After Office Hours Call (575) 627-0205.

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

Electronic Submission #217659 verified by the BLM Well Information System
For CIMAREX ENERGY CO OF COLORADO, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 08/20/2013 (13DRG0619SE)

Name (Printed/Typed) DAVID A EYLER

Title AGENT

Signature (Electronic Submission)

Date 08/20/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By DAVID R GLASS

Title PETROLEUM ENGINEER

Date 08/21/2013

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 18 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 APPROVALBLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **
APPROVED FOR 3 MONTH PERIOD
ENDING NOV 21 2013

SEP 04 2013

Revisions to Operator-Submitted EC Data for Sundry Notice #217659

	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

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

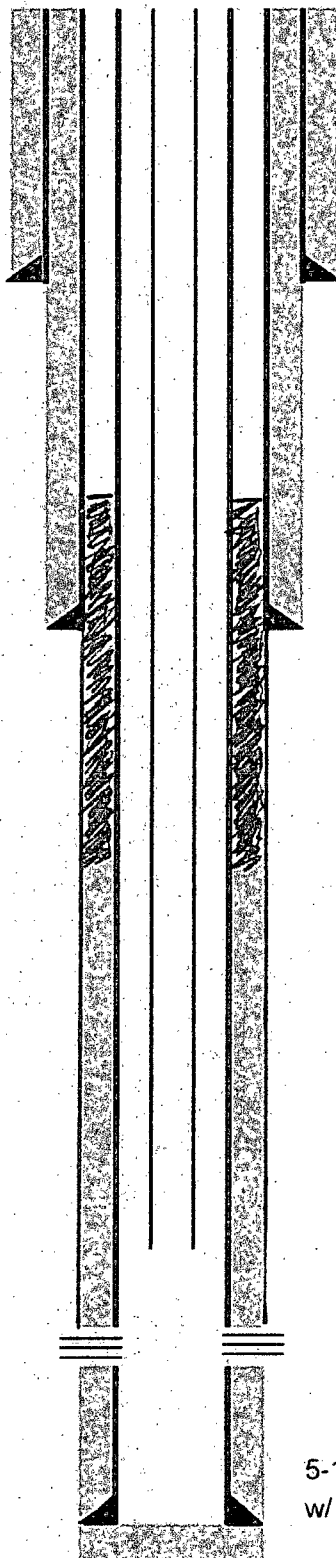
API # 30-005-28026

CIMAREX Property #309664-008

GL = 3966', KB - 18' AGL

J. Piwetz

7/25/2013



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

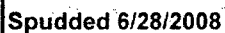
10,337 - 341', 10,386 - 390', 10,392 - 401'

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'



660' FSL & 1980' FWL

Sec 20 - T153S - R30E, Chavez Co NM

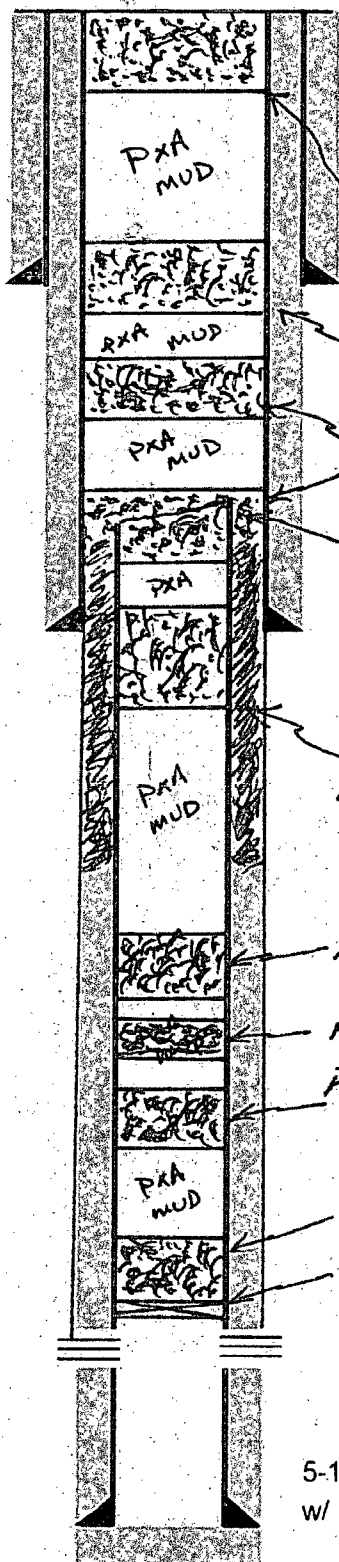
API # 30-005-28026

CIMAREX Property #309664-008

GL = 3966', KB - 18' AGL

J. Piwetz

7/25/2013



CLASS C
CIRC. 25 5X5 CMT. @ 63'-3'

13-3/8" 48# H-40 ST&C @ 460'

w/420 sxs cmt: Circulated cmnt

Pump 35 SXS. CMT. @ 510' - 410' - TAG

Pump 40 3x5 CMT. 1475' - 1365'

Pump 40 5x5 1/2 in. @ 2560' - 2440' - TAG

CUT 5 1/2" CSG. @ 2500'

8-5/8" 32#, J-55 csg @ 3029'

w/1,050 sxs cmnt; Circulated cmnt

Pump 55 SXS. CM.T. @ 3080' - 2700' - DAG

Pump 25 5x5.4 cm T. @ 4335' - 4185'

Pump 25 SXSVent. @ 6515'-6345'

Pump. ³⁰ ~~25~~ CLASSH SXS Unit. @ 7818' - 7638' - TAG

50 CLASS H
Pump ~~50~~ SX54CMT. @ 10300'-10100'-TAG

SET 5 1/2" CIBPQ 10300'

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'

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PBTD: 10.418'

TD: 10,496'

DAE 08/20/13

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 90th day provide the BLM Roswell Field Office (RFO), prior to the 90th 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.