Form 3160-5 (November 1994) Mar. 27. 2009 5:23PM No. 1814 P. 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 30 2009

OMB No. 1004-0135
Expires July 31, 1996

FORM APPROVED

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.
NM 26105
NM-94839

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
CA
NM 113988

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

8. Well Name and No.
Wigeon 23 Federal Com No. 2

2. Name of Operator
Cimarex Energy Co. of Colorado

9. API Well No.
30-015-33684

3a. Address
5215 N. O'Connor Blvd., Ste. 1500; Irving, TX 75039

3b. Phone No. *(include area code)*
972-401-3111

10. Field and Pool, or Exploratory Area
Cottonwood Draw; Morrow

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1350 FNL & 1300 FEL
23-25S-26E

11. County or Parish, 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
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☒ Recomplete	☒ Other Recomplete to Wolfcamp
	☐ Change Plans	☐ Plug and Abandon	☒ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 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.)

Well currently TA with CIBP @ 11520' w/ 35' sx of cement covering Morrow perfs @ 12122'-11656.' TOC @ 11485.' See attached chart witnessed by Legion Brumley of BLM. We are requesting to delay final abandonment plug under BLM approved NOI to TA conditions of approval until final abandonment. Estimated Wolfcamp reserves of .6 BCF and 40M BO.

Accepted for record
NMOCD RS

Cimarex requests 6 month TA for secheduled recompletion to the Wolfcamp Formation as proposed below procedure:

- Perf Wolfcamp 9200-9925' 6 jspf 120 degree phasing w/ 3-1/8" casing guns.
- Acidize and Frac Wolfcamp per attached procedure.
- Turn to sales as Sage Draw Wolfcamp gas well.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Please see attached C-102.

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

Name *(Printed/Typed)*	Title
Zeno Farris	Manager Operations Administration
Signature: Zeno Farris	Date: March 27, 2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: J.D.W. Whitlock Jr.	Title: LPET	Date: 3/28/09
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: CFO	

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, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Wigeon 23 Federal Com #2
Wolfcamp Recompletion Procedure

Well Data:

KB	20' above GL
TD	12351'
PBTD	12300'
Casing	13-3/8" 54.5# J-55 @ 212'. Cmtd w/ 250 sx. Cmt circ.
	9-5/8" 40# P-110 @ 1931'. Cmtd w/ 650 sx. Cmt circ.
	7" 23# P-110 @ 9030'. Cmtd w/ 1025 sx. Cmt circ.
	4-1/2" 11.6# P-110 @ 12351'. Cmtd w/ 425 sx. TOC @ 7350' by CBL.
Perfs	Morrow P&A(12122' – 11485')

Procedure:

1. NU 5K BOP & NU frac valve.

2. Pressure test csg to 5000 psig w/ 2% KCl wtr. Bleed pressure down to 2400 psig. Perforate Wolfcamp (9827'-9925') 6 JSPF at 120 degree phasing w/ 3-1/8" casing guns. Total of 360 holes. Depth reference log Halliburton Spectral Density Dual Spaced Neutron Log dated May 05,2005.

3. RU pump truck and load hole if necessary. Pump 10 bbls 2% KCl wtr to make sure perfs are open. RD pump truck. RU slickline and run BHP bombs and get dip in static BHP. Record gradient stops while TOOH w/ BHP bombs. RD slickline.

4. NU wellhead saver, RU stimulation and wireline companies. Acidize and frac Wolfcamp perfs (9827' – 9925') down 4-1/2" csg as follows:

   Acidize down 4-1/2" csg at 4 BPM
   a. Pump 5000 gals 15% HCl.
   b. Flush w/ 7000 gals slick water. Record ISIP.
   Frac down 4-1/2 csg at 80 BPM
   c. Pump 10,000 gals slick water as pad.
   d. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
   e. Pump 10,000 gals slick water as pad.
   f. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
   g. Pump 10,000 gals slick water as pad.

h. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
i. Pump 10,000 gals slick water as pad.
j. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
k. Pump 10,000 gals slick water as pad.
l. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
m. Pump 10,000 gals slick water as pad.
n. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
o. Pump 10,000 gals slick water as pad.
p. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
q. Pump 10,000 gals slick water as pad.
r. Pump 5,000 gals slick water containing 0.5 ppg 100 mesh sand.
s. Pump 10,000 gals slick water as pad.
t. Pump 20,000 gals 1% Clearfrac as pad.
u. Pump 10,000 gals 1% Clearfrac containing 0.5 ppg 30/70 sand.
v. Pump 10,000 gals 1% Clearfrac containing 1.0 ppg 30/70 sand.
w. Pump 10,000 gals 1% Clearfrac containing 1.5 ppg 30/70 sand.
x. Pump 10,000 gals 1% Clearfrac containing 2.0 ppg 30/70 sand.
y. Flush w/ 7000 gals slick water. Record ISIP.
z. Set composite plug @ 9790'.

5. Perforate Wolfcamp (9670'-9770') 6 JSPF at 120 degree phasing w/ 3-1/8" casing guns. Total of 120 holes. Depth Reference log Halliburton Spectral Density Dual Spaced Neutron Log dated May 05, 2005.

6. RU stimulation and wireline companies. Acidize and frac Wolfcamp perfs (9670' – 9770') down 4-1/2" csg as follows:

Acidize down 4-1/2" csg at 4 BPM
a. Pump 5000 gals 15% HCl.
b. Flush w/ 7000 gals slick water. Record ISIP.
Frac down 4-1/2 csg at 80 BPM
c. Pump 11,000 gals slick water as pad.
d. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
e. Pump 11,000 gals slick water as pad.
f. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
g. Pump 11,000 gals slick water as pad.
h. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.

i. Pump 11,000 gals slick water as pad.
j. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
k. Pump 11,000 gals slick water as pad.
l. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
m. Pump 11,000 gals slick water as pad.
n. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
o. Pump 11,000 gals slick water as pad.
p. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
q. Pump 11,000 gals slick water as pad.
r. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
s. Pump 11,000 gals slick water as pad.
t. Pump 20,000 gals 1% Clearfrac as pad.
u. Pump 10,000 gals 1% Clearfrac containing 0.5 ppg 30/70 sand.
v. Pump 10,000 gals 1% Clearfrac containing 1.0 ppg 30/70 sand.
w. Pump 10,000 gals 1% Clearfrac containing 1.5 ppg 30/70 sand.
x. Pump 10,000 gals 1% Clearfrac containing 2.0 ppg 30/70 sand.
y. Flush w/ 7000 gals slick water. Record ISIP.
z. Set composite plug @ 9650'.

7. Perforate Wolfcamp (9520'-9630') 6 JSPF at 120 degree phasing w/ 3-1/8" casing guns. Total of 120 holes. Depth Reference log Halliburton Spectral Density Dual Spaced Neutron Log dated May 05, 2005.

8. RU stimulation and wireline companies. Acidize and frac Wolfcamp perfs (9520'-9630') down 4-1/2" csg as follows:

Acidize down 4-1/2" csg at 4 BPM
a. Pump 7500 gals 15% HCl.
b. Flush w/ 7000 gals slick water. Record ISIP.
Frac down 4-1/2 csg at 80 BPM
c. Pump 15,000 gals slick water as pad.
d. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
e. Pump 15,000 gals slick water as pad.
f. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
g. Pump 15,000 gals slick water as pad.
h. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
i. Pump 15,000 gals slick water as pad.
j. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.

k. Pump 15,000 gals slick water as pad.

l. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
m. Pump 15,000 gals slick water as pad.
n. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
o. Pump 15,000 gals slick water as pad.
p. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
q. Pump 15,000 gals slick water as pad.
r. Pump 7,000 gals slick water containing 0.5 ppg 100 mesh sand.
s. Pump 15,000 gals slick water as pad.
t. Pump 20,000 gals 1% Clearfrac as pad.
u. Pump 10,000 gals 1% Clearfrac containing 0.5 ppg 30/70 sand.
v. Pump 10,000 gals 1% Clearfrac containing 1.0 ppg 30/70 sand.
w. Pump 10,000 gals 1% Clearfrac containing 1.5 ppg 30/70 sand.
x. Pump 10,000 gals 1% Clearfrac containing 2.0 ppg 30/70 sand.
y. Flush w/ 7000 gals slick water. Record ISIP.
z. Set composite plug @ 9380'.

9. Perforate Wolfcamp (9200'-9320') 6 JSPF at 120 degree phasing w/ 3-1/8" casing guns. Total of 120 holes. Depth Reference log Halliburton Spectral Density Dual Spaced Neutron Log dated May 05, 2005.

10. RU stimulation and wireline companies. Acidize and frac Wolfcamp perfs (9200' – 9320') down 4-1/2" csg as follows:

Acidize down 4-1/2" csg at 4 BPM
a. Pump 5000 gals 15% HCl.
b. Flush w/ 7000 gals slick water. Record ISIP.
Frac down 4-1/2 csg at 80 BPM
c. Pump 11,000 gals slick water as pad.
d. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
e. Pump 11,000 gals slick water as pad.
f. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
g. Pump 11,000 gals slick water as pad.
h. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
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o. Pump 11,000 gals slick water as pad.
p. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
q. Pump 11,000 gals slick water as pad.
r. Pump 5,500 gals slick water containing 0.5 ppg 100 mesh sand.
s. Pump 11,000 gals slick water as pad.
t. Pump 20,000 gals 1% Clearfrac as pad.
u. Pump 10,000 gals 1% Clearfrac containing 0.5 ppg 30/70 sand.
v. Pump 10,000 gals 1% Clearfrac containing 1.0 ppg 30/70 sand.
w. Pump 10,000 gals 1% Clearfrac containing 1.5 ppg 30/70 sand.
x. Pump 10,000 gals 1% Clearfrac containing 2.0 ppg 30/70 sand.
y. Flush w/ 7000 gals slick water. Record ISIP.
z. Set composite plug @ 9180'. RD stimulation company and wireline company.

11. RU pulling unit, ND wellhead saver and frac valve, NU BOP, and RU foam air unit. TIH w/ pump off bit and bit sub on 2-3/8" tbg and drill out all composite plugs. TIH w/ bit to 10285' (PBTD) to verify all perfs are clear. Pull up to 10200' and pressure up on tbg to release bit and let it fall to bottom.

12. Pull bottom of tbg to 9500'. Top kill well, ND BOP and install wrap around. Land tbg @ ± 9500' and NU WH.

13. Swab if necessary and flow test.

State of New Mexico
Energy Minerals and Natural Resources Department

DISTRICT I
1625 N. FRENCH DR. HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE ARTESIA NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease – 4 Copies
Fee Lease – 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-33684	96890	Sage Draw; Wolfcamp, East (Gas)

Property Code	Property Name	Well Number
	Wigeon 23 Federal Com	2

OGRID No.	Operator Name	Elevation
162683	Cimarex Energy Co. of Colorado	3296'

Surface Location

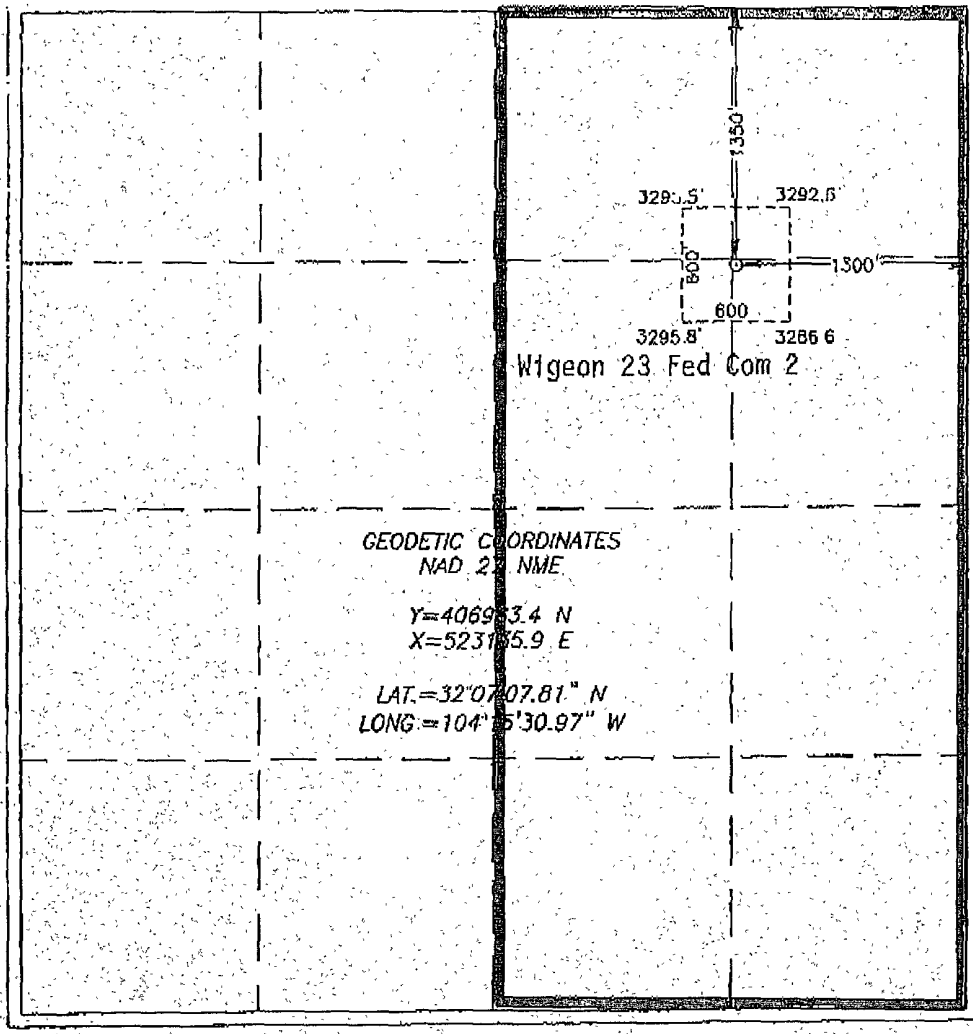
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	25-S	26-E		1350	NORTH	1300	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



GEODETIC COORDINATES
NAD 27 NME

Y=406973.4 N
X=523165.9 E

LAT.=32°07'07.81" N
LONG.=104°15'30.97" W

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief

Zeno Farris
Signature

Zeno Farris
Printed Name

Manager Operations Admin
Title

3/27/2009
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.

JULY 27, 2004
Date Surveyed JR

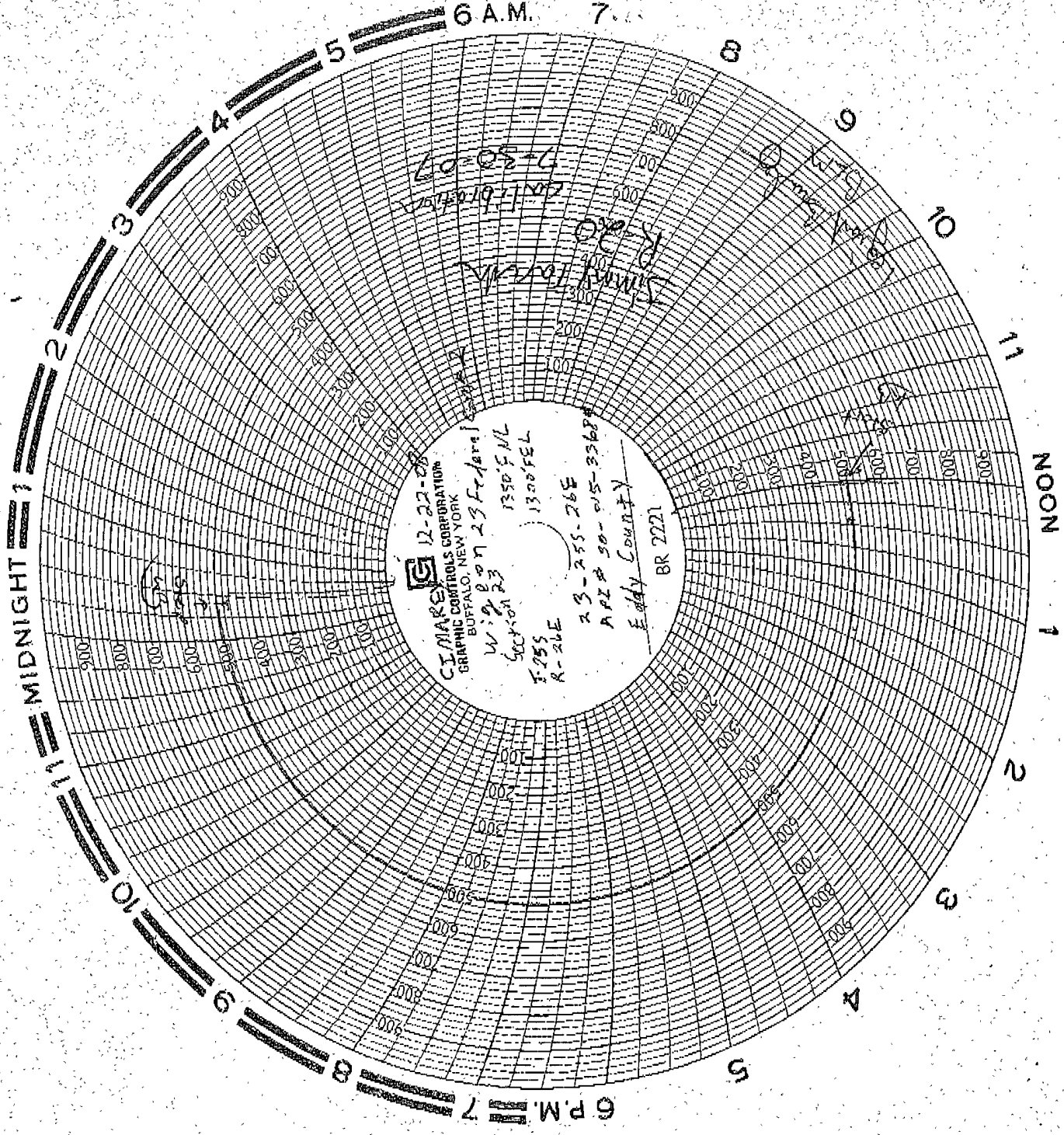
Signature & Seal of Professional Surveyor

GARY L. JONES NEW MEXICO 12641 REGISTERED PROFESSIONAL SURVEYOR

8/14/04

04.11.0939

Certificate No. GARY EIDSON 12841


6 A.M.
NOON
6 P.M.
MIDNIGHT
CHART
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
BR 2221
Eddy County

Wigeon 23 Federal Com No. 2

Cimarex Energy Co. Of Colorado

March 28, 2009

Condition of Approval

1. Within 180 day or by 9/28/09 well must be recompleted and on line or a Sundry submitted as Notice of Intent to Plug and Abandon.
2. Notify BLM 24 hours prior to work being done to witness operations. At 575 234-5972 or 575 361-2822
3. Tag Cement on top of CIBP @ 11,520' to verify 35' of cement on top. If cement is not there place another plug on top.
4. Place a 200' plug from 10,844' to 10,644' (between Strawn and Canyon formations) Class H 16.4 LBs, @ 1.06 Yld. or set a CIBP @10,744' with 35' Class H 16.4 LBs, @ 1.06 Yld. Placed with bailer or 25 sack placed with tubing.
5. Set another 200' plug or CIBP at 10378' with 35' Class H 16.4 LBs, @ 1.06 Yld. Placed with bailer or 25 sack placed with tubing. (between Cisco and Wolfcamp)
6. Notify BLM within 5 days of a well being place back on production as per 43CFR3162.4-1(c).
7. Subsequent report to be filed within 30 days of work being completed
8. After any completion and test of well, file completion report 3160-4 within 30 days
9. If a well goes off production for more than 30 days notify BLM by sundry within 5 business days

This will be the last TA approval for this well.