

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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

Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		JAN 05 2009 OCD-ARTESIA	
Name of Operator Cimarex Energy Co. of Colorado		8. Well Name and No Vern 1 Federal No. 1	
a. Address PO Box 140907; Irving, TX 75014-0907		9. API Well No. 30-015-34109	
3b. Phone No. (include area code) 972-401-3111		10. Field and Pool, or Exploratory Area Chosa Draw; Upper Penn	
Location of Well (Footage, Sec., T., R., M., or Survey Description) 1600' FNL & 1200' FEL 1-25S-25E		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			
<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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Plug back to
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Strawn
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. 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 recompleate 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 recompleation 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 has CIBP @ 11092' w/ 35' cmt on top covering Morrow perms @ 10650'-11832' and CIBP @ 10800' w/ 20' cmt on top and CIBP @ 10370' covering the Atoka perms. 35' cement will be dump-bailed on CIBP @ 10370' and CIBP @ 10800' cement shortage will be remediated upon PA of well.

Propose to perform the following operations in order to plug back and recompleate this well to the **Strawn** formation:

- MIRU pulling unit. ND WH, NU BOP. RU WL. RIW w/ 4 3/4" GR/JB to CIBP @ 10370 ft. RIW w/ dump bailer to dump 35' of cmt on top of CIBP @ 10370'. Perforate Strawn (10301' - 21') 2 JSPF w/ 4" casing guns and premium charges. Total of 40 holes.
- PU and TIH w/ pkr on 2-3/8" tbg and set pkr @ + 10250'. RU acid company and acidize Strawn perms (10301' - 10321') w/ 3000 gals 15% HCl and N2 utilizing 60 ball sealers at 4-5 BPM down tubing. Flush w/ 6% KCl wtr.
- Turn well to sales as Chosa Draw; Upper Penn gas well.

SEE ATTACHED FOR CONDITIONS OF APPROVAL
ACCEPTED FOR RECORD

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

Zeno Farris

Signature

Zeno Farris

JAN 6 2009

Gerry Guye, Deputy Field Manager, Operations Administration

NMOC District II ARTESIA

December 4, 2008

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DEC 4 2008

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

WESLEY W. INGRAM
PETROLEUM ENGINEER

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.

Instructions on reverse)

DISTRICT I

1120 N. FRANCIS DR., SHERBO, NM 87240

DISTRICT II

1344 T. GRAND AVENUE, ALBUQUERQUE, NM 87106

DISTRICT III

1000 Rio Grande Rd., Aztec, NM 87410

DISTRICT IV

1220 N. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

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 30-015-34109	Pool Code	Pool Name Chosa Draw; Upper Penn
Property Code	Property Name VERN 1 FEDERAL	Well Number 1
OCRD No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3508'

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	1	25-S	25-E		1600	NORTH	1200	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 320.12	Joint or Int'l	Consolidation Code	Order No.
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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

LOT 4	LOT 3	LOT 2	LOT 1
Vern 1 Federal No. 1			
GEODETIC COORDINATES NAD 27 NME Y=422618.2 N X=496636.3 E LAT.=32°09'42.82" N LONG.=104°20'39.13" W			
NM-112254			
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Zeno Farris</u> Printed Name: <u>Zeno Farris</u> Title: <u>Mgr Operations Admin</u> Date: <u>12-04-08</u>			
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed: <u>FEBRUARY 22 2005</u> Signature of Professional Surveyor: <u>Gary E. Edson</u> Certificate No. <u>05.11.0162</u> Certificate No. <u>GARY EDSON</u> <u>12041</u>			



Cimarex Energy Co. of Colorado

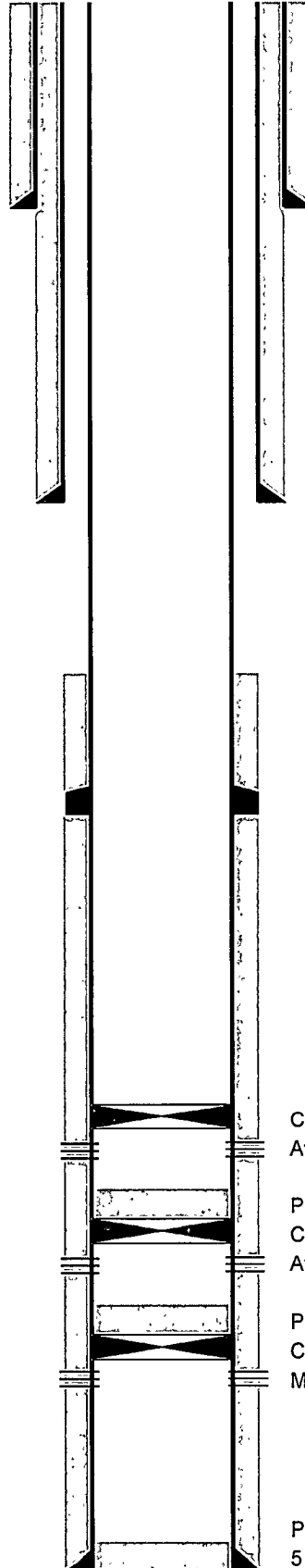
Vern 1 Federal #1

1600' FNL & 1200' FEL

Sec. 1, T-25-S, R-25-E, Eddy Co., NM

S. Gengler

11/11/2008



13 3/8", 54.5# J-55 csg @ 210'
cmtd w/ 375 sx, 1" cmt to surface

9 5/8", 40# N-80 csg @ 1892'
cmtd w/ 880 sx, cmt circ

TOC @ 5390' by CBL

DV Tool @ 6879'
cmtd w/ 1450 sx

CIBP @ 10370'
Atoka perms (10432' - 10436')

PBTD @ 10780'
CIBP @ 10800'
Atoka perms (10860' - 10865')

PBTD @ 11057'
CIBP @ 11092'
Morrow perms (11190' - 11465')

PBTD @ 12120'
5 1/2" 17# P-110 @ 12180' cmtd w/ 1440 sx
TD @ 12180'

**Vern 1 Federal 1
30-015-34109
Cimarex Energy Co. of Colorado
December 4, 2008
Conditions of Approval**

- 1. Upon further review, the CIBP at 10800' will not require additional cement when the well is plugged since the perforations above 10800' are also in the Atoka formation.**
- 2. For the depth of the CIBP at 10370', the standard plug would be 210' or a minimum of 25 sacks. This will be required when the well is plugged.**
- 3. The BOP is to be tested to 5000 psi.**
- 4. Cement placed on CIBP at 10370' is to be Class H.**
- 5. Pressure test of cement plug on CIBP at 10370'. Pressure test to be 1000 psi at the surface for 15 minutes per Onshore Order 2.**
- 6. Subsequent report required with details of work.**
- 7. Completion report required for Strawn formation.**

WWI 120408