

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No
NM-119724

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Arroyo Vista 14 Federal 19. API Well No.
30-015-24340-3634010. Field and Pool, or Exploratory
Indian Basin; Morrow, SW (GAS)11. Sec., T., R., M., on Block and
Survey or Area
14-22S-22E12. County or Parish
Eddy13. State
NM1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
Cimarex Energy Co. of Colorado3. Address
PO Box 140907; Irving, TX 750143a. Phone No. (include area code)
972-443-6489

4. Location of Well (Report Location clearly and in accordance with Federal requirements)*

At surface

1980' FSL & 660' FEL

NOV 26 2008
OCD-ARTESIA14. Date Spudded
06.28.0815. Date T.D. Reached
08.13.0816. Date Completed 08.19.08
☒ D & A ☐ Ready to Prod17. Elevations (DF, RKB, RT, GL)*
4381' GL

18. Total Depth: TD 10,000'

19. Plug Back TD: TD 0'

20. Depth Bridge Plug Set:

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

HRLLA, TDLD, Sonic

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H40	48	0'	323'		440 sx prem plus		0'	
12 1/4"	9 5/8" J-55	36	0'	2236'		700 sx class C		0'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
None			None					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A)			DRY HOLE			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
Plug 10000'-9668'	125sx Prem class H + .1% HR7 + .3% CFR3 (wt16.4, yield 1.07)
Plug 9249'-9079'	125sx Prem class H + .1% HR7 + .3% CFR3 (wt16.4, yield 1.07)
Plug 7548'-7290'	125sx Prem class H + .1% HR7 + .3% CFR3 (wt16.4, yield 1.07)
Plug 5992'-5772'	100sx Prem plus C Neat (wt 14.8, yield 1.33)
Plug 4573'-4353'	100sx Prem plus C Neat (wt 14.8, yield 1.33)
Plug 3140'-3103'	100sx Prem plus C + 2% CaCl (wt 14.8, yield 1.33)
Plug 2299'-1825'	150sx Prem plus C + 2% CaCl (wt 14.08, yield 1.33)
Plug 400'-0'	112sx Prem plus C + 2% CaCl (wt 14.8, yield 1.33)

28. Production - Interval A -

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status
	SI		→						Dry Hole

28. Production - Interval B -

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status
	SI		→						

* (See instructions and spaces for additional data on page 2)

Accepted for record - NMOC

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press. Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press. Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

Dry hole

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Grayburg	407'
				San Andres	565'
				Glorieta	2,185'
				Yeso	2,227'
				Bone Spring	3,076'
				Wolfcamp	5,913'
				Cisco-Canyon	7,460'
				Strawn	8,152'
				Atoka	8,549'
				Morrow	9,154'
				Miss Lower	9,866'

32. Additional remarks (include plugging procedure):

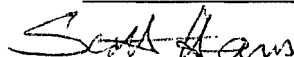
Dry hole, well plugged and abandoned. Cement plugs set at 10000', 9249', 7548', 5992', 4573, 3140', 2299', 400'

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (*please print*) Scott Haynes Title Regulatory Analyst

Signature  Date November 25, 2008

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

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Ed., Aztec, NM 87410

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36340	Pool Code 79030	Pool Name Indian Basin; Morrow, SW (GAS)
Property Code 37174	Property Name ARROYO VISTA "14" FEDERAL	Well Number 1
OGEID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 4381'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	14	22 S	22 E		1980	SOUTH	660	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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 11-21-08 Signature _____ Date _____ Scott Haynes Printed Name _____
	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 supervision and that the same is true and correct to the best of my belief. FEBRUARY 18, 2008 Date Surveyed _____ Signature of Surveyor _____ Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS

WELL NAME AND NUMBER Arroya Vista 14 Federal #1

LOCATION Section 14, T22S, R22E, 1980 FSL, 660 FEL, Eddy County

OPERATOR Cimarex Energy

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 @ 163'	1-3/4 @ 5598'	
1 @ 283'	3/4 @ 5994'	
2 @ 503'	1 @ 6483'	
2 @ 719'	4 @ 6927'	
1-1/2 @ 991'	4 @ 7022'	
1-1/2 @ 1258'	3 @ 7085'	
2 @ 1541'	2 @ 7112'	
1-1/2 @ 2000'	2-1/4 @ 7339'	
2 @ 2480'	2-1/2 @ 7465'	
1-1/2 @ 2625'	2 @ 7592'	
1 @ 3001'	2 @ 7908'	
1 @ 3417'	1-1/2 @ 8193'	
1-1/2 @ 3893'	2 @ 8845'	
1 @ 4426'	1 @ 8731'	
1-1/2 @ 4692'	1 @ 9457'	
2-1/4 @ 5377'	2 @ 9500'	

Drilling Contractor- UNITED DRILLING, INC.

By: Ramon Gonzalez

Ramon Gonzalez

Title: Drilling Super.

Subscribed and sworn to before me this 20 day of August, 2008

Dora A. Cho
Notary Public

Chaves, NM
County State

My Commission Expires:

10-8-08