

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No
NMLC068960

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6 If Indian, Allottee or Tribe Name	
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other _____		7 Unit or CA Agreement Name and No	
2 Name of Operator CIMAREX ENERGY COMPANY OF TEXAS		8 Lease Name and Well No BLUETAIL 8 FEDERAL 3	
3 Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		9 API Well No 30-015-38598-00-S1	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWNW Lot E 2060FNL 990FWL At top prod interval reported below Sec 8 T17S R29E Mer NMP At total depth SWNW Lot E 2340FNL 990FWL 2060/4 & 990/6		10 Field and Pool, or Exploratory EMPIRE <u>GL-Yeso East</u>	
14 Date Spudded 06/09/2011		15 Date T D Reached 06/17/2011	
16 Date Completed ☐ D & A ☒ Ready to Prod 07/01/2011		17 Elevations (DF, KB, RT, GL)* 3641 GL	
18 Total Depth. MD 4700 TVD		19 Plug Back T.D. MD 4651 TVD	
20 Depth Bridge Plug Set: MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) CNLCBL	
22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)			

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
16.000	11.750 H-40	42.0	0	301		425		0	
7.875	5.500 N-80	17.0	0	4700		950		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)
2.875	4575							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) PADDOCK	3800	4120	3800 TO 4120		52	OPEN PADDOCK
B) BLINEBRY	4214	4556	4214 TO 4556		33	OPEN, BLINEBRY
C)						
D)						

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

Depth Interval	Amount and Type of Material
3800 TO 4120	1,317,161 gal slickwater, 510,212# 100 mesh
4214 TO 4556	944,705 gal slickwater, 355,464#

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
07/25/2011	08/22/2011	24	→	46.0	103.0	729.0	35.9	1.27	ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
32/64	140	80.0	→	46	103	729	2239	POW	

28a 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 SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #123081 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Accepted for record

NMOCD

DEC 02 2011

RECEIVED

NOV 22 2011

NMOCD ARTESIA

RECLAMATION
DUE 1-1-12

ACCEPTED FOR RECORD

NOV 20 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

CIMAREX

Cimarex Energy Co. of Colorado

Bluetail 8 Fed 3

2060' FNL & 990' FWL

Sec 8 - T17S - R29E, Eddy Co NM

M Ketter

30-015-38598

6/23/2011

11-3/4" 42# H40 STC csg @ 301'

Cmt'd w/425 sxs; circl'd cmt

Quantity	Description	Length	Setting Depth
	KB	18	18 00
112	2-7/8" 8rd J55 Tbg	3640 27	3658 27
1	2-7/8" x 3-1/2" Combo Collar	0 65	3658 92
1	3-1/2" Lift Sub	7 45	3666 37
1	Stator	28 50	3694 87
1	3-1/2" Tag Bar Nipple	2 00	3696 87
1	3-1/2" X 2-7/8" Xover	0 65	3697 52
1	2-7/8" J55 Tbg	32 53	3730 05
1	2-7/8" X 5-1/2" RHS TAC	2 85	3732 90
26	2-3/8" J55 Tbg	842 54	4575 44

Quantity	Description	Length	Setting Depth
	KB	18	18 00
1	1-1/4" X 22' PR		
1	1" Drive Rod w/1 Rod Guide		
1	6' X 1" Pony Rod		
2	4' X 1" Pony Rods		
8	1" Drive Rod w/2 Rod Guides ea		
124	1" Drive Rods		
	1" Drive Rods w/2 Rod Guides ea		
1	1" Drive Rod w/1 Rod Guide		
1	Rotor		

Paddock Perfs:

3800'-4120'

Blinbry Perfs:

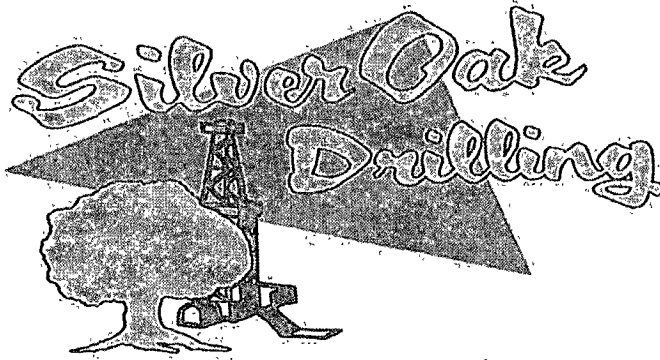
4214'-4556'

5 1/2" 17# N80 BTC csg @ 4,700'

Cmt'd w/950 sxs; circl'd cmt

TD: 4700'

PBD: 4651'



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

COPY

30-015-38598

June 20, 2011

Cimarex Energy Co.
Attn: Jim Evans
600 N. Marienfeld, Suite 600
Midland, TX 79701

RE: Bluetail-8 Federal #3
2060' FNL & 990' FWL
Sec. 8, T17S, R29E
Eddy County, New Mexico

Dear Sir,

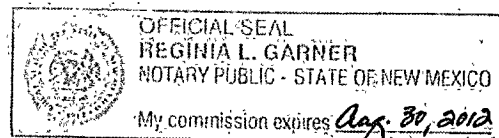
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 20th day of June, 2011.

Notary Public

Bluetail 8 Fed #3

Date	Depth	Deviation
6/10/2011	231	1.20
6/11/2011	480	0.00
6/11/2011	510	2.00
6/11/2011	755	2.00
6/12/2011	1162	0.90
6/12/2011	1634	0.20
6/13/2011	2131	0.80
6/13/2011	2610	1.00
6/13/2011	3082	0.80
6/14/2011	3523	0.50
6/15/2011	3961	1.00
6/15/2011	4435	0.60