



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OCD-HOBBS

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other _____

2. NAME OF OPERATOR
Cimarex Energy Co. of Colorado

3. ADDRESS AND TELEPHONE NO.
P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1780' FSL & 735' FWL
At top prod. interval reported below 1780' FSL & 735' FWL
At total depth 1780' FSL & 735' FWL

5. LEASE DESIGNATION AND SERIAL NO.
NM-14124

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Marquardt 1 Penn Federal No. 3

9. API WELL NO.
30-015-34283 34788 dm

10. FIELD AND POOL, OR WILDCAT
White City; Penn (Gas)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
L-1-25S-26E

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH Eddy 13. STATE NM

15. DATE SPUDDED 09-01-06 16. DATE T.D. REACHED 09-27-06 17. DATE COMPL. (Ready to prod.) 12-14-06 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3313' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11875' 21. PLUG BACK T.D., MD & TVD 11831' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* White City; Penn (Gas) 11128'-11214' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron, DLL Microguard, Cement Bond Log 27. WAS WELL Cased No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	CHOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48 #	215'	17-1/2"	250 sx, circ 50 sx	
9-5/8" J-55	40 #	2770'	12-1/4"	850 sx, circ 25 sx	
5-1/2" P-110	17#	11875'	8-3/4"	1860 sx TOC 0'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	11138'	

31. PERFORATION RECORD (Interval, size and number)
See attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION 12-14-06 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-13-07	24	21/64		0	1437	6	

FLOW, TUBING PRESS. 80 CASING PRESSURE 400 CALCULATED 24-HOUR RATE

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold

35. LIST OF ATTACHMENTS
Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Datali Kuvge TITLE Reg Analyst 1 DATE 02-02-07

ACCEPTED FOR RECORD
TEST WITNESSED BY
MAR - 5 2007
PETROLEUM ENGINEER

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Base Salt	1747'	
				Delaware	1944'	
				Bone Spring	5437'	
				Bone Spring 1st SS	6349'	
				Bone Spring 2nd SS	7037'	
				Bone Spring 3rd SS	8169'	
				Wolfcamp	8497'	
				Cisco-Canyon	9919'	
				Strawn	10129'	
				Atoka	10311'	
				Morrow	10900'	
				Middle Morrow	11293'	
				Lower Morrow	11594'	

Marquardt 1 Penn Federal No. 3

30-015-34788

Eddy County, NM

Perforation Record	Acid, Shot, Fracture, Cement Squeeze, Etc	
	Depth Interval	Amount and Kind of Material Used
11327'-11388' 6 jspf, 48 holes CBP @ 11290'	11327'-11388'	750 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl water
	11327'-11388'	23100 gal 35# CMHPG w/ 15% Methanol, 106 tons 65Q CO2 carrying 38680# Versaprop
11206'-11214' 6 jspf, 48 holes	11206'-11214'	750 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl water
11128'-11145' 6 jspf, 102 holes	11128'-11145'	2000 gal 7-1/2% Gas Well Acid flushed w/ 7% KCl water
	11128'-11214'	47040 gal 45# CMHPG 85% / 7% KCL Water / 15% Methanol carrying 165000# Versaprop

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Month - Year
MAR 15 2007
OCD - ARTESIA, NM

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34283	Pool Code	Pool Name White City; Penn (Gas)
Property Code	Property Name MARQUARDT "1" PENN FEDERAL	Well Number 3
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3313'

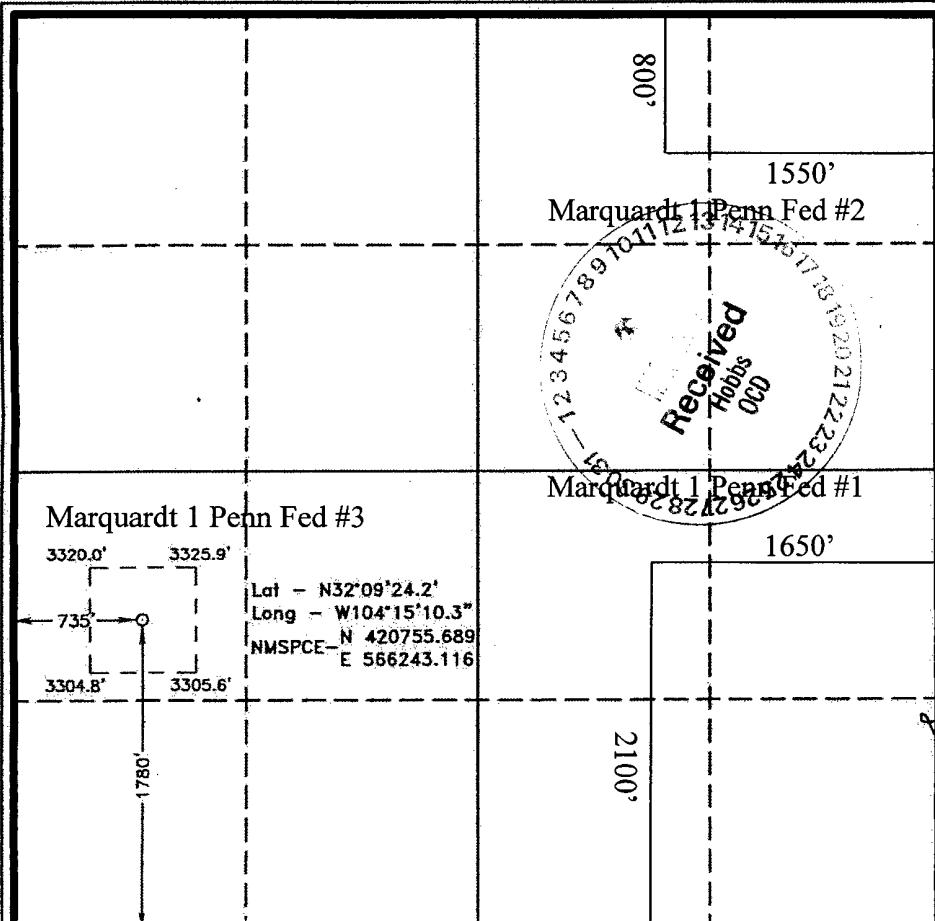
Surface Location

UL or lot No. L	Section 1	Township 25 S	Range 26 E	Lot Idn	Feet from the 1780	North/South line SOUTH	Feet from the 735	East/West line WEST	County EDDY
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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 640	Joint or Infill Y	Consolidation Code	Order No.						

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 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>02-02-07</u>
	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. JANUARY 11, 2006 Date Surveyed: <u>01-11-2006</u> Signature: <u>GARY L. JONES</u> Professional Seal of: <u>GARY L. JONES</u> W.D. No. <u>81</u> Certificate No. <u>Gary L. Jones 7977</u> BASIN SURVEYS