

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007Lease Serial No.
MLC060613

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator
BOPCO, L.P.

3. Address
P.O. Box 2760 Midland TX 79702

3.a. Phone No. (Include area code)
(432)683-2277

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

At Surface UL L, 1650' FSL, 660' FWL, Sec 5, T22S, R28E Lat N 32.41915, Long W 104.116003

At top prod. interval reported below

At total depth UL L, 1650' FSL, 660' FWL, Lat N 32.41915, Long W 104.116003

14. Date Spudded
10/22/2008

15. Date T.D. Reached
11/29/2008

16. Date Completed
☐ D & A ☒ Ready to Prod.
N/A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM68294X

8. Lease Name and Well No.

Big Eddy Unit 213

9. API Well No.

30-015-36293

10. Field and Pool, or Exploratory
Carlsbad, E (Morrow)

11. Sec., T., R., M., on Block and
Survey or Area SEC 5, T22S, R28E

12. County or Parish
Eddy

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3136' GL

18. Total Depth: MD 12205'
TVD

19. Plug Back T.D.: MD 12,172'
TVD

20. Depth Bridge Plug Set: MD
TVD

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

Platform Express: HLA- CFL-HNGS

Platform Express: LDT- CNL-HNGS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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"	48#	0	429'		470 sxs		0' circ	
12-1/4"	9-5/8"	40#	0	6049'		2050 sxs		0' circ	
8-3/4"	5-1/2"	17#&20#	0	12205'		1150 sxs Stg I		8669' circ	
						675 sxs Stg II		2250' CBL	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	12,029'	12,032'						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11,586'	12,166'	12046'-12064'	0.380	72	Shut In
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12046'-12064'	Acidize w/ 5,000 gals 7-1/2% HCl acid w/ Morrow additives, 25% methanol & gpt friction reducer
12046'-12064'	Frac'd w/ 31,701 gals 65W N2 foam + 41,420# 18/40 Ultra prop

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
			→						
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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 page 2)

CONFIDENTIAL

RECEIVED

NOV 29 2010

NMOCD ARTESIA

ACCEPTED FOR RECORD

NOV 16 2009

/s/ Myles Kristof

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Morrow	11588'	12230'	TD	T/Rustler	50'
Atoka	10994'			T/Salt	560'
Stawn	10616'			T/Castile	2200'
Wolfcamp	9346'			T/Delaware Mtn Group	2384'
Bone Spring	5878'			T/Bone Spring	5878'
				T/Avalon	6072'
				T/ Wolfcamp	9346'
				T/Strawn	10614'
				T/Atoka	10996'
				T/Morrow	11586'
				T/Barnett	Not logged

32. Additional remarks (include plugging procedure):

Well shut in due to market conditions. At some point in the future, additional Morrow perms will be added and well put on production.

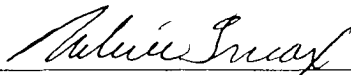
33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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) Valerie TruaxTitle Regulatory Admin Assistant

Signature

Date 09/18/2009

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I

1025 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 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-102
Revised October 12, 2005Submit 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 30-015-36293	Pool Code 73920 ✓	Pool Name Carlsbad East (Morrow) Field
Property Code 305860	Property Name BIG EDDY UNIT	Well Number 213
OGRID No. 260737	Operator Name BOPCO, L.P.	Elevation 3136'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	5	22 S	28 E		1650	SOUTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

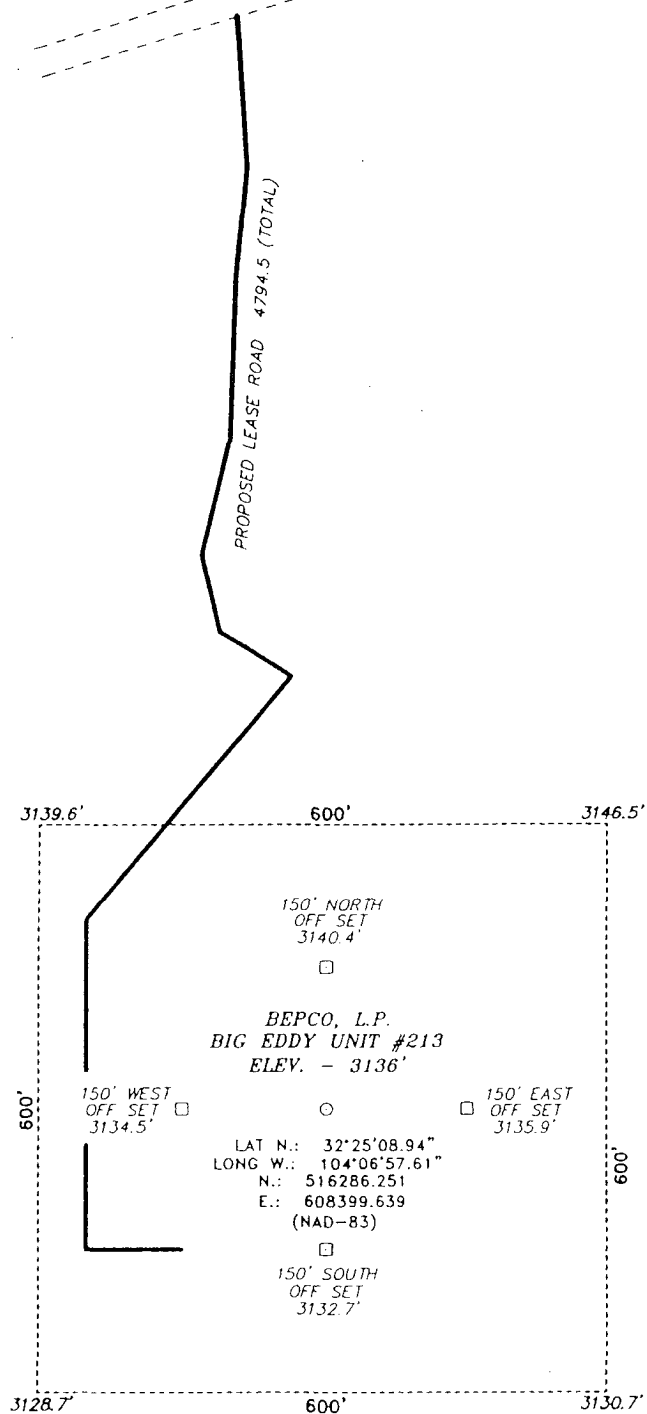
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill N	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

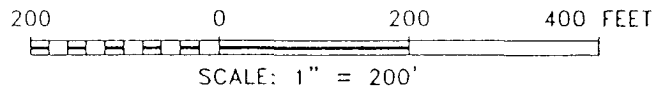
	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract 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. Signature _____ Date 2/18/08 Stephen Martinez 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. JANUARY 30, 2008 Date Surveyed _____ Signature _____ Professional Surveyor
	Certificate No. Gary L. Jones 7977 BASIN SURVEYS

SECTION 5, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM MILE MARKER 43 ON HWY 62-180, GO WEST
0.4 MILES TO LEASE ROAD, ON LEASE ROAD GO
SOUTH 4.3 MILES TO A "T", GO NORTHWEST 2.4
MILES TO PROPOSED LEASE ROAD.



BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 19081

Drawn By: J. SMALL

Date: 01-31-2008 Disk: 19081W JMS

BEPCO, L.P.

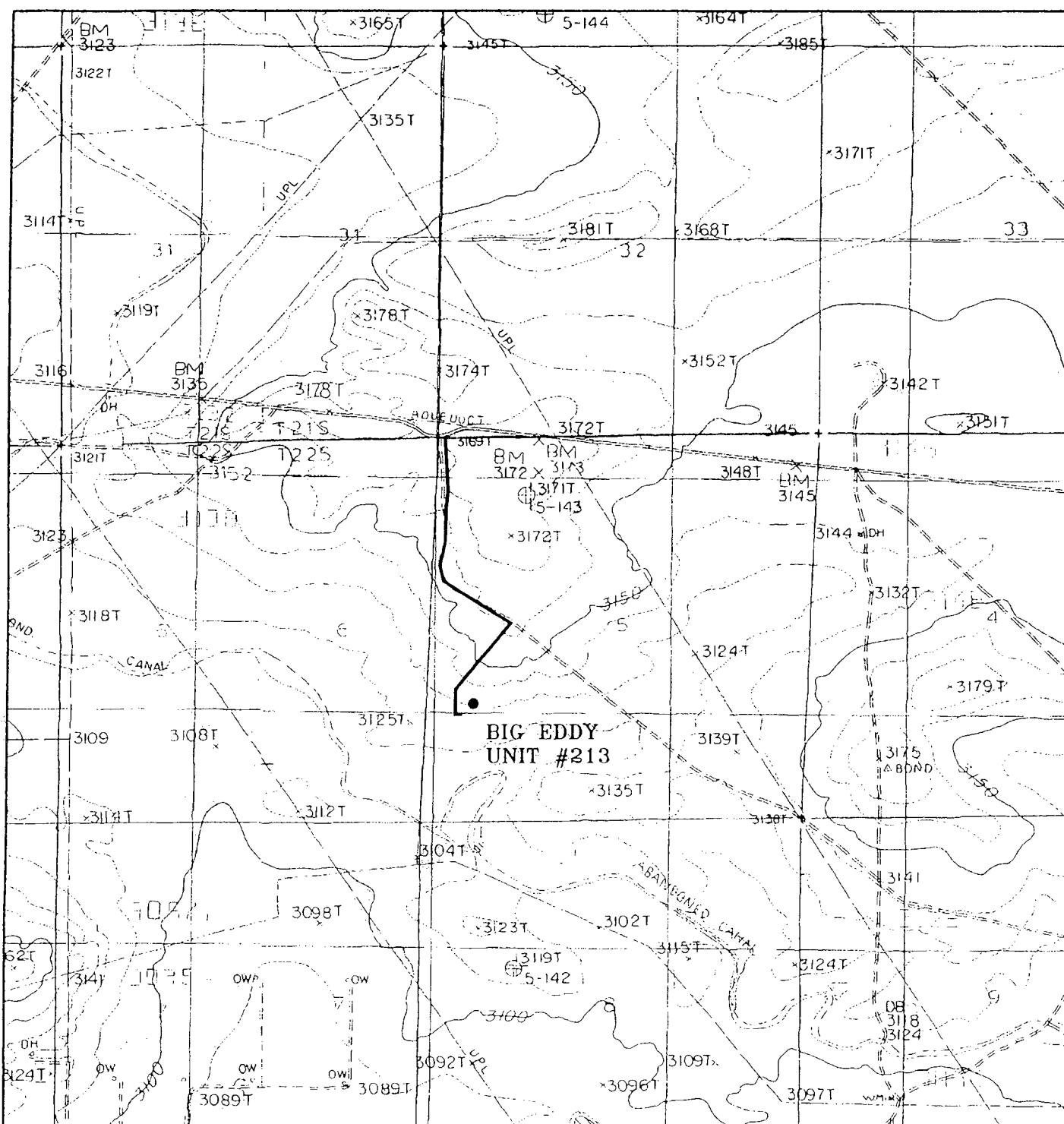
REF: BIG EDDY UNIT #213 / WELL PAD AND TOPO

THE BIG EDDY UNIT #213 LOCATED 1650'

FROM THE SOUTH LINE AND 660' FROM THE WEST LINE OF
SECTION 5, TOWNSHIP 22 SOUTH, RANGE 28 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 01-30-2008 Sheet 1 of 1 Sheets



BIG EDDY UNIT #213

1650' FSL and 660' FWL

Section 5, Township 22 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.

basin
surveys

focused on excellence
in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

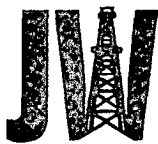
W.O. Number: JMS 19081T

Survey Date: 01-30-2008

Scale: 1" = 2000'

Date: 01-31-2008

BEPCO, L.P.



DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 Artesia, New Mexico 88211-0160 Office (505) 748-8704 Fax (505) 748-8719

December 2, 2008

OGE Drilling, Inc.
550 W. Texas, Suite 1140
Midland, Texas 79701

Re: Big Eddy Unit #213
Sec. 5, T-22-S, R-28-E
Eddy County, New Mexico

Attn: Mickey Dobson

The following is a Deviation Survey on the referenced well in Eddy County, New Mexico:

82' - 0.5°	1800' - 2.5°	6202' - 2°	10824' - 3°
204' - 0.5°	1892' - 3.5°	6358' - 2°	11322' - 0.75°
372' - 0.75°	1985' - 3.9°	6545' - 2.25°	11795' - 1.5°
791' - 3.5°	2078' - 2.7°	6790' - 1.25°	12166' - 2.75°
813' - 3.5°	2203' - 2.2°	6981' - 2.5°	
970' - 2.3°	2452' - 2°	7232' - 2°	
976' - 3°	2923' - 0.75°	7421' - 1.5°	
1050' - 2.1°	3393' - 0.5°	7827' - 1.5°	
1113' - 2.3°	3891' - 0.75°	8104' - 1°	
1363' - 3.6°	4390' - 0.5°	8578' - 0.5°	
1395' - 3.9°	4860' - 0.75°	9015' - 0.25°	
1489' - 3.5°	5357' - 1°	9512' - 1°	
1582' - 3.2°	5853' - 0.5°	9981' - 1.75°	
1645' - 2.8°	6007' - 0.75°	10448' - 2°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this 2nd day of December, 2008 by Gary W. Chappell.

MY COMMISSION EXPIRES

4-29-12



OFFICIAL SEAL
CHERYL A. BARTLETT
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 4-29-12

NOTARY PUBLIC

SM
12/11/08