

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 30 2008

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OCD-ARTESIA

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
BEPCO, L.P.

3. Address
P.O. BOX 2760 MIDLAND TX 79702-2760

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, 1760' FSL, 820' FWL, LAT. N 32.361389, LONG W 104.047306

At top prod interval reported below SAME

At total depth SAME

14 Date Spudded
05/07/2008

15. Date T.D. Reached
07/10/2008

16. Date Completed
☐ D & A ☒ Ready to Prod.
10/11/2008

5. Lease Serial No.
NMLC069159A

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 171

9 API Well No
30-015-35591

10. Field and Pool, or Exploratory
DUBLIN RANCH (MORROW)

11. Sec., T., R., M., on Block and
Survey or Area SEC 25, T22S, R28E

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3134'

18. Total Depth MD 12764'
TVD

19. Plug Back T.D.: MD 12611'
TVD

20. Depth Bridge Plug Set. MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
LDT-CNL-GR; HLA-CFL-GR

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 Cement Depth	No of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	48 &	0'	440'		405 SXS		0' CIRC.	
12-1/4"	9-5/8"	54.5#	0'	2766'		895 SXS		0' CIRC	
8-3/4"	5-1/2"	36#	0"	12700'	7450'	1340 STG 1		7450' CIRC	
		17 & 20#				1625 STG 2		0' CIRC	

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
NA								

25. Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12057'	12700'	12462-12492'	0.380"	32	PRODUCING
B)			12522-12534'	0.038"	24	PRODUCING
C)			12543-12584'	0.038"	22	PRODUCING
D)						

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

Depth Interval	Amount and Type of Material
12462-12584'	NO STIMULATION

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
10/11/08	10/22/08	24	→	0	1611	0			FLOWING
Choice Size	Tbg Press Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
21/64"	1000	0	→				NA	Producing	

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)

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.)

SOLD

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
				T/RUSTLER	140'
				T/SALT	380'
				T/DELAWARE MTN. GROUP	2780'
				T/BELL CANYON	2825'
				T/BONE SPRING	6390'
				T/WOLFCAMP	9706'
				T/STRAWN	11126"
				T/ATOKA	11426'
				T/MORROW	12057'

32. Additional remarks (include plugging procedure):

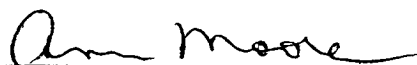
33. Indicate which items have been attached by placing a check in the appropriate boxes:

☒ 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 Survey**

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) ANN MOORETitle SENIOR PRODUCTION CLERK

Signature

Date 10/24/2008

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.

CURRENT WELLBORE DIAGRAM

Lease: Big Eddy Unit **Well No.:** 171
Field: Dublin Ranch (Morrow)
Location: 1760' FSL & 820' FWL, Sec 25-T22S-R28E
County: Eddy **St:** NM **API:** 30-015-35591

KB: 3152' (est)
 GL: 3134.0
 Spud Date: 5/7/2008
 Compl. Date:

Surface Csg.

Size: 13-3/8"
 Wt: 54.5# 48#
 Grd. J-55 H-40
 Set @: 440' 359'
 Sxs cmt: 405 sx
 Circ: Yes 85 sx
 TOC: Surface
 Hole Size: 17-1/2"

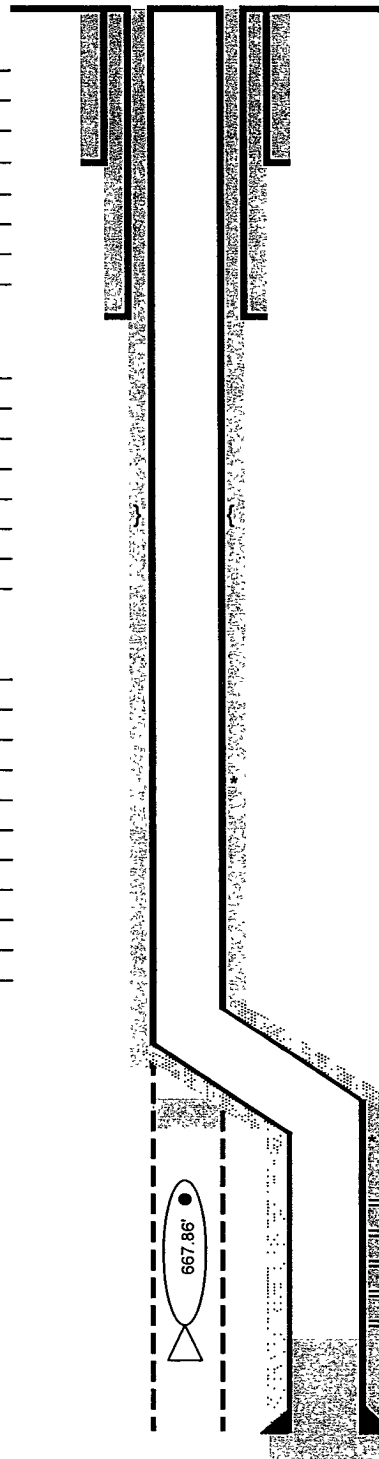
Intermediate Csg.

Size: 9-5/8"
 Wt: 36#
 Grd J55 LTC
 Set @: 2766'
 Sxs Cmt: 895 sx
 Circ: Yes 87 sxs
 TOC: Surface
 Hole Size: 12-1/4"

Production Csg.

Size: 5-1/2"
 Wt: 17# 20#
 Grd HCP110 P-110
 Set @: 9960' 12700'
 Stage 1: 1340 sxs
 Circ: Y Trace
 TOC: 7450'
 Stage 2: 1625 sxs
 Circ: Y
 TOC: Surface 51 sx
 Hole Size: 8-3/4"

Tubing



440' 13-3/8" (Csg Dtl) X: 588679.0

2766' 9-5/8" (by Csg Detail) Y: 495375.7

7450' DV Tool (by Csg Detail) Lat: 32° 21' 41.0" N

10909' 1' Marker jt Long: 104° 02' 50.3" W

12084' Sidetrack Plug

12302' 1' Marker jt

12462-468' M Morrow Perfs (12 holes/5 pure sh
 12482-492' M Morrow Perfs (20 holes/5 pure sh
 12522-534' M Morrow Perfs (24 holes/10 pure s
 12543-548' M Morrow Perfs (10 holes/3 pure sh
 12578-584 M Morrow Perfs (2 holes/5 pure shc
 12611' FC (by Csg Detail)
 12698' 5-1/2" Csg Shoe (by Csg Detail)
 12700' Drillers TD

PBTD: 12611' Float Collar
 TD: 12700' (Drillers TD)
 TD: 12764' (Loggers TD)

Updated: 10/22/2008
 Author: ezg
 Engr: RSD

DISTRICT I
1825 N. Franch 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 Department

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

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35591		Pool Code 76140	Pool Name Dublin Ranch (Morrow)
Property Code 069159	Property Name BIG EDDY UNIT		Well Number 171
OGRID No. 001801	Operator Name BEPCO, L.P.		Elevation 3134'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 12	25	22 S	28 E		1760	SOUTH	820	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.						

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 42.31 ACRES	LOT 3 42.39 ACRES	LOT 2 42.46 ACRES	LOT 1 42.53 ACRES	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>C. K. Jenkins by HES</i> 2/27/07 Signature Date</p> <p>C. K. (Buddy) Jenkins Printed Name</p>
LOT 5 42.30 ACRES	LOT 6 42.37 ACRES	LOT 7 42.44 ACRES	LOT 8 42.50 ACRES	
LOT 12 42.28 ACRES	LOT 11 42.34 ACRES	LOT 10 42.40 ACRES	LOT 9 42.46 ACRES	
LOT 13 42.25 ACRES	LOT 14 42.32 ACRES	LOT 15 42.39 ACRES	LOT 16 42.45 ACRES	

3124.4' 3135.8'

820'

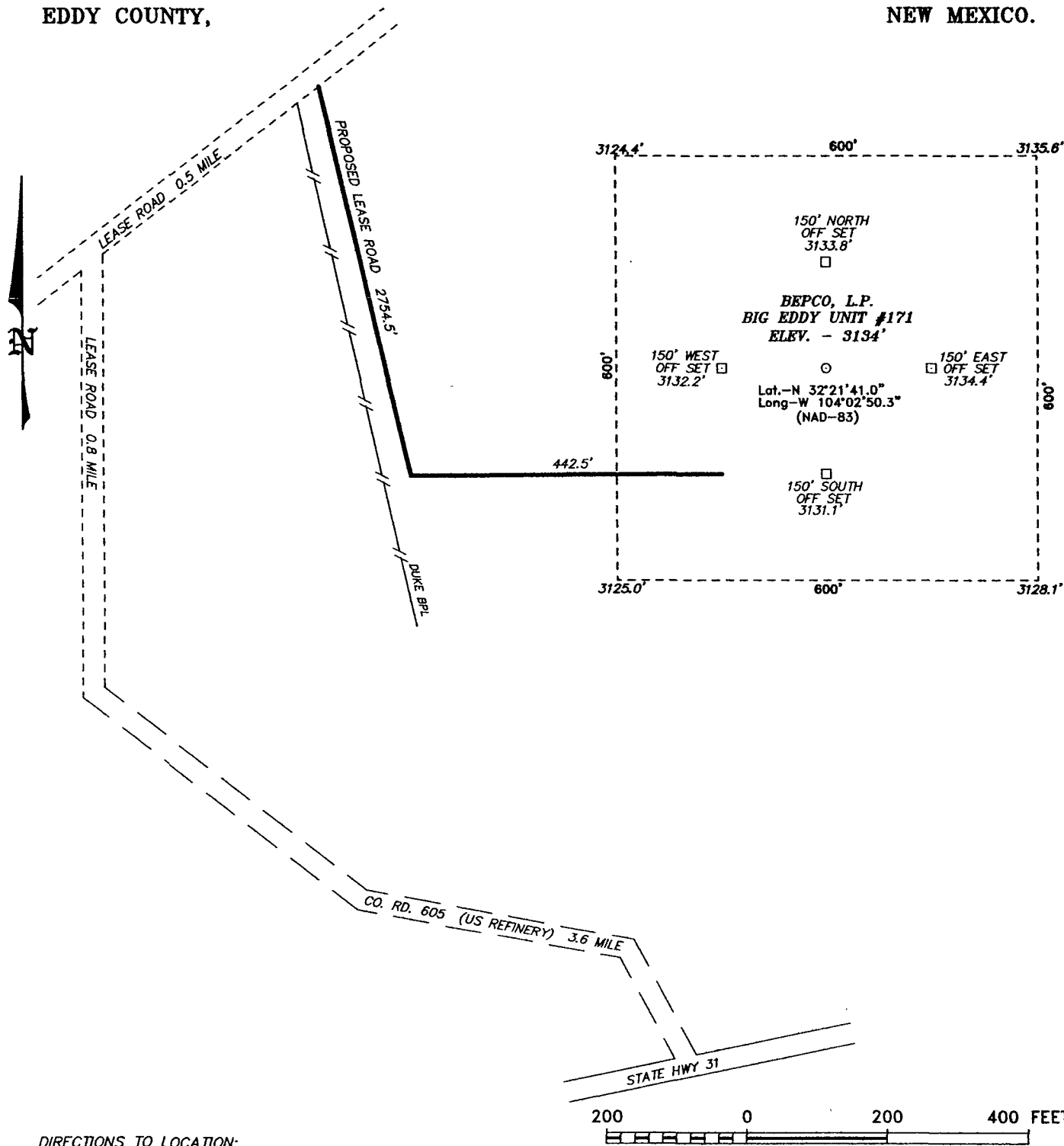
3125.0' 3128.1'

1760'

LAT - N32°21'41.0"
LONG - W104°02'50.3"
(NAD-83)

<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>DECEMBER 05, 2006</p> <p>Date Surveyed</p> <p>Signature <i>Gary L. Jones</i> Professional Surveyor</p> <p>7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>	
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SECTION 25, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 31 AND US REFINERY, PROCEED NORTHWEST ON US REFINERY FOR 3.6 MILES TO LEASE ROAD, ON LEASE ROAD PROCEED NORTHEAST 0.5 MILE THENCE NORTH 0.8 MILE THENCE NORTHWEST 0.5 MILE TO PROPOSED LEASE ROAD AT DUKE R.O.W.

BEPCO, L.P.

REF: BIG EDDY UNIT #171 / WELL PAD AND TOPO

THE BIG EDDY UNIT No. 171 LOCATED 1760'

FROM THE SOUTH LINE AND 820' FROM THE WEST LINE OF
SECTION 25, TOWNSHIP 22 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 17460

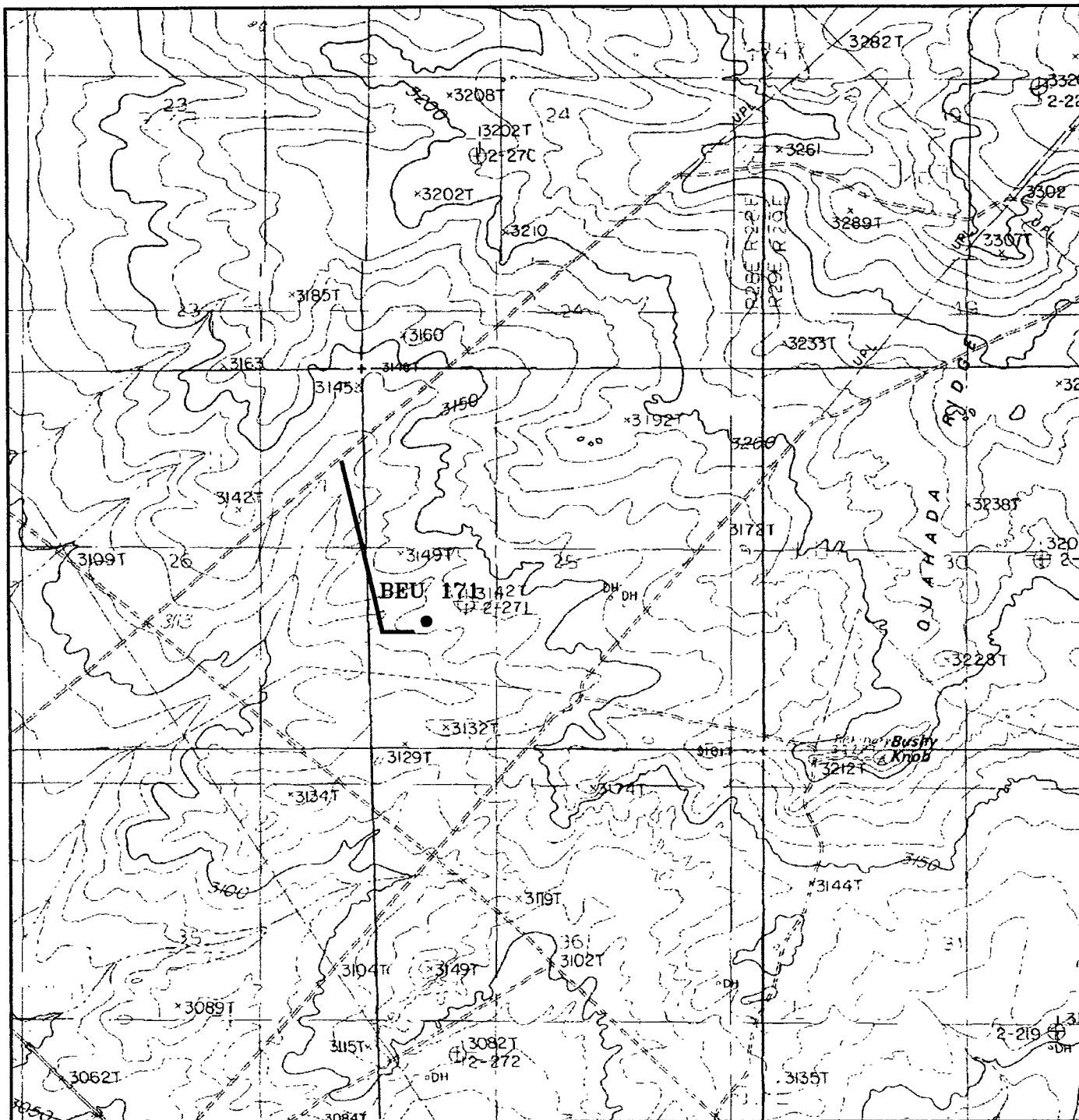
Drawn By: J. SMALL

Date: 12-06-2006

Disk: 17460W JMS

Survey Date: 12-05-2006

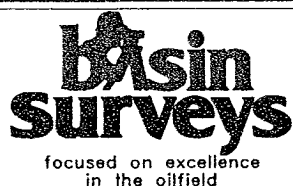
Sheet 1 of 1 Sheets



BIG EDDY UNIT #171

1760' FSL and 820' FWL

Section 25, Township 22 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.



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

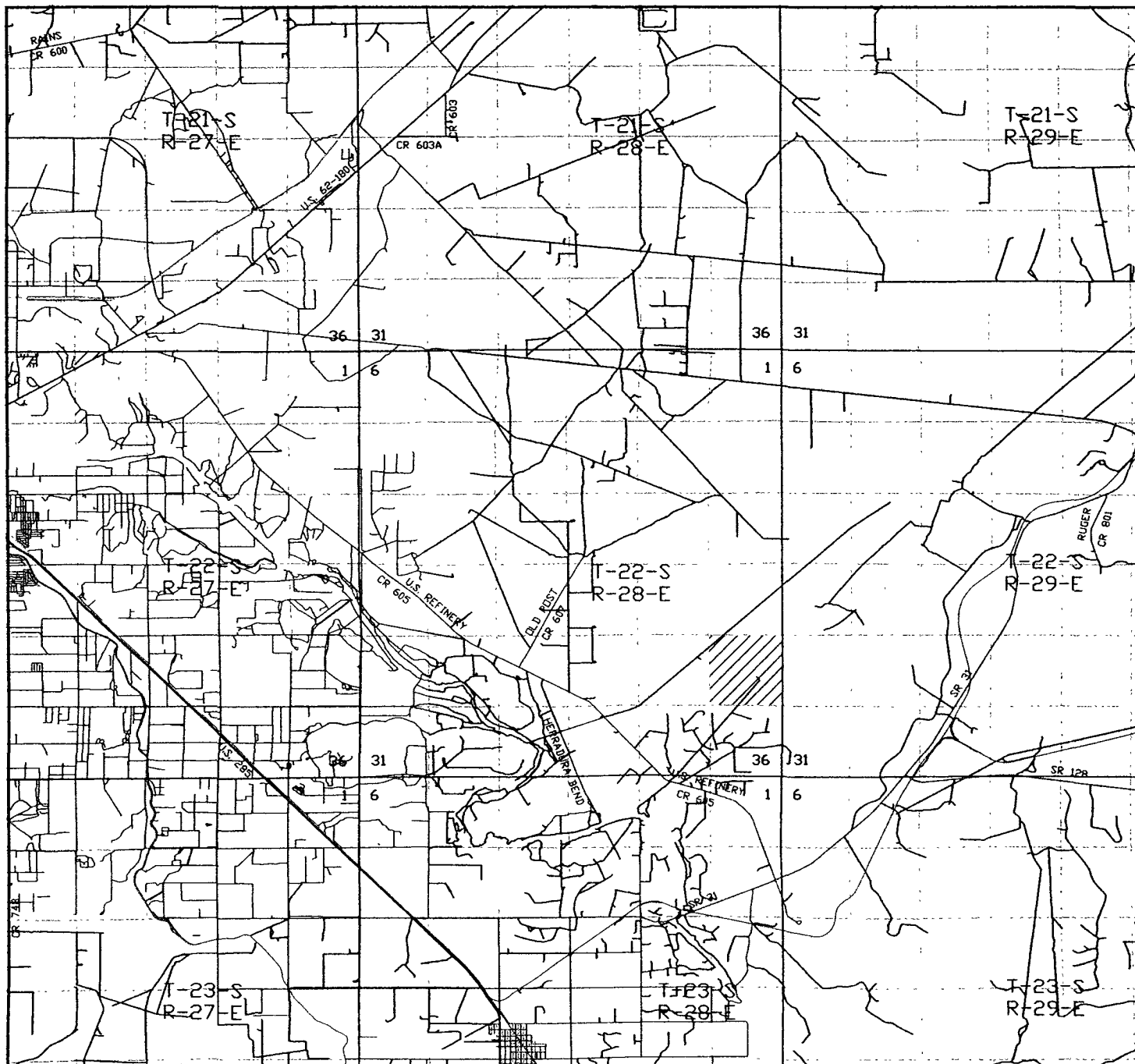
W.O. Number: JMS 17460T

Survey Date: 12-05-2006

Scale: 1" = 2000'

Date: 12-06-2006

BEPCO, L.P.



BIG EDDY UNIT #171
1760' FSL and 820' FWL
Section 25, 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 17460T

Survey Date: 12-05-2006

Scale: 1" = 2 MILES

Date: 12-06-2006

BEPCO, L.P.

BEPCO, L.P.
P. O. Box 2760
Midland, Texas 79702

432-683-2277

FAX: 432-687-0329

October 24, 2008

**Re: Big Eddy Unit #171
Dublin Ranch (Morrow)
Eddy County, New Mexico
File: 100-WF: BEU171.OCD**


Oil Conservation Division
1301 West Grand Avenue
Artesia New Mexico 88210

Gentlemen:

BEPCO, L.P. respectfully requests that the Logs and Completion data on the above subject well, be held confidential for the maximum period of time.

If you should have any questions, please contact Ann Moore at the above letterhead address or at camoore@basspet.com.

Sincerely,



Ann Moore
Senior Production Clerk

cam

Attachment