

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

MAR 30 2009

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb 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, 2380' FSL, 660' FWL, LAT. N 32.493742, LONG W 104.064028

At top prod interval reported below SAME

At total depth SAME

14 Date Spudded

03/31/2008

15 Date T D Reached

05/03/2008

16 Date Completed

1/31/09

☐ D & A
N/A☒ Ready to Prod

5 Lease Serial No

NMLC063516

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and no

8. Lease Name and Well No

BIG EDDY UNIT 166

9. API Well No

30-015-36019

10 Field and Pool, or Exploratory

SAND POINT (MORROW) 79080

11. Sec., T., R., M., on Block and

Survey or Area SEC. 11, T21S, R28E

12 County or Parish

EDDY

13. State

NM

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

3327' GL

18. Total Depth. MD 12530'

TVD

19 Plug Back T.D. MD 12492'

TVD

20 Depth Bridge Plug Set MD 12245'

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 Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	0'	760'		665 SXS		0' CIRC	
12-1/4"	9-5/8"	40#	0'	2650'		835 SXS		0' CIRC	
8-3/4"	5-1/2"	17#	0'	12519'	7513'	1100 STG 1		7513' CIRC	
						1330 STG 2		360' TS	

24 Tubing Record

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

25 Producing Intervals

26 Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Morrow	11756'	12519'	12055'-12213'	0.380	101	Shut In
B)			12316'-12448'	0.380	80	Beneath CIBP
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
12055'-12213'	Frac perms w/ 105,622 gals 40# Binary N2/CO2 70 Q Foam & 100,000 lbs 20/40 SinterLite.
12055'-12213'	Acidize w/ 2,000 gals 7-1/2% HCl acid spearhead.
12280'	Set CIBP. Beneath CIBP @ 12280' w/ 35' cmt.
12316'-12448'	No stimulations below CIBP.

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

ACCEPTED FOR RECORD

MAR 28 2009

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICEENTERED
5-1-09
JH

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	500'
				T/SALADO	800'
				T/REEF	1460'
				T/DELAWARE MTN GROUP	2565'
				T/BELL CANYON	2800'
				T/BONE SPRING	6271'
				T/WOLFCAMP	9798'
				T/STRAWN	10929'
				T/ATOKA	11166'
				T/MORROW	11756'
				T/BARNETT	12520'

32 Additional remarks (include plugging procedure)

Well shut in - awaiting recompletion to Atoka.

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

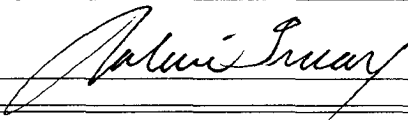
- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☒ Other
Inclination Report

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 Truax

Title Regulatory Administrative Assistant

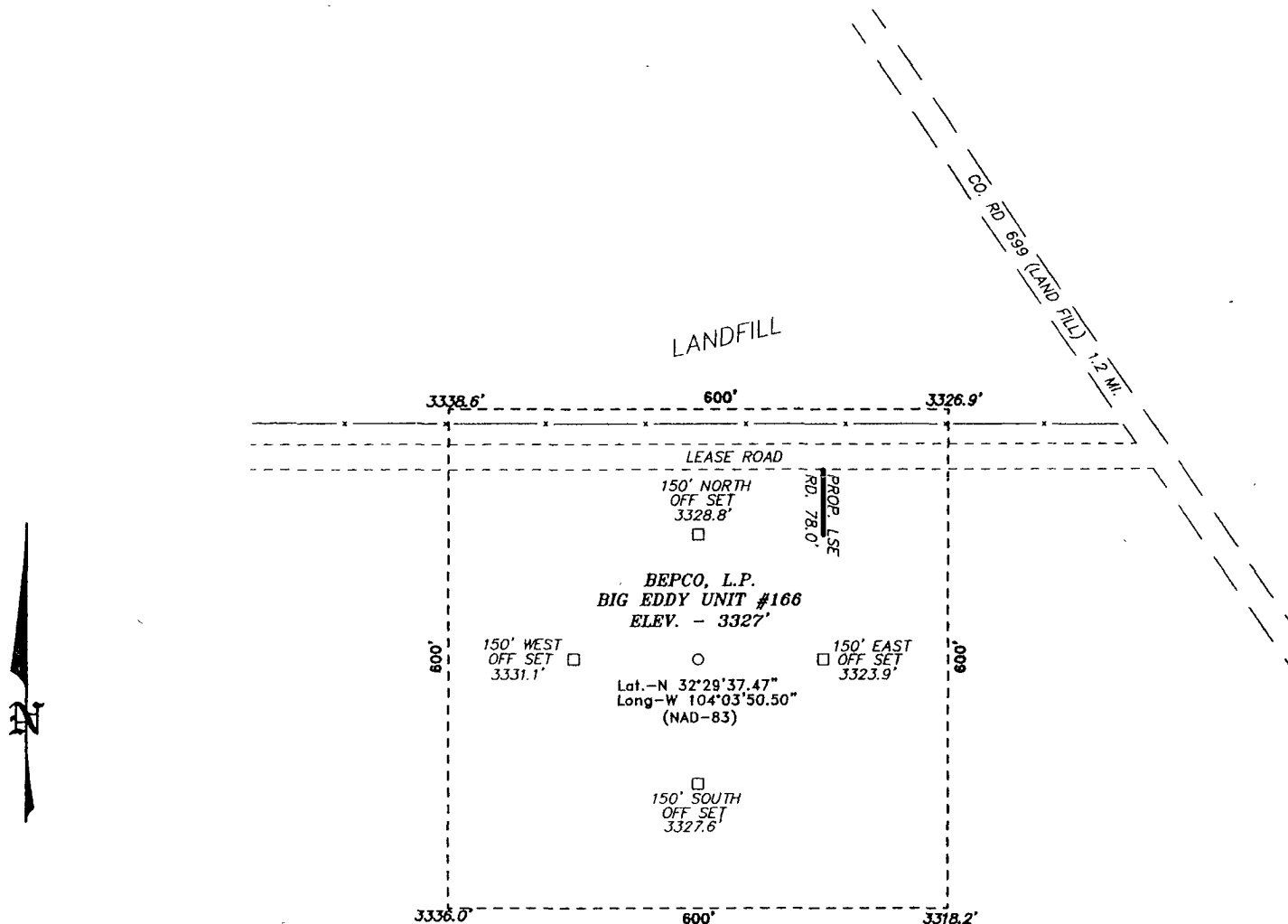
Signature



Date 03/19/2009

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

SECTION 11, TOWNSHIP 21 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION.

FROM THE JUNCTION OF US HWY 62-180 AND CO RD. 699 (LANDFILL), GO SOUTHEAST ON CO. RD 699 FOR APPROX. 1.2 MILES TO LEASE ROAD, ON LEASE ROAD GO WEST TO PROPOSED LEASE ROAD

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

W.O. Number 18215 Drawn By J. SMALL

Date: 06-25-2007 Disk 18215W JMS

BEPCO, L.P.

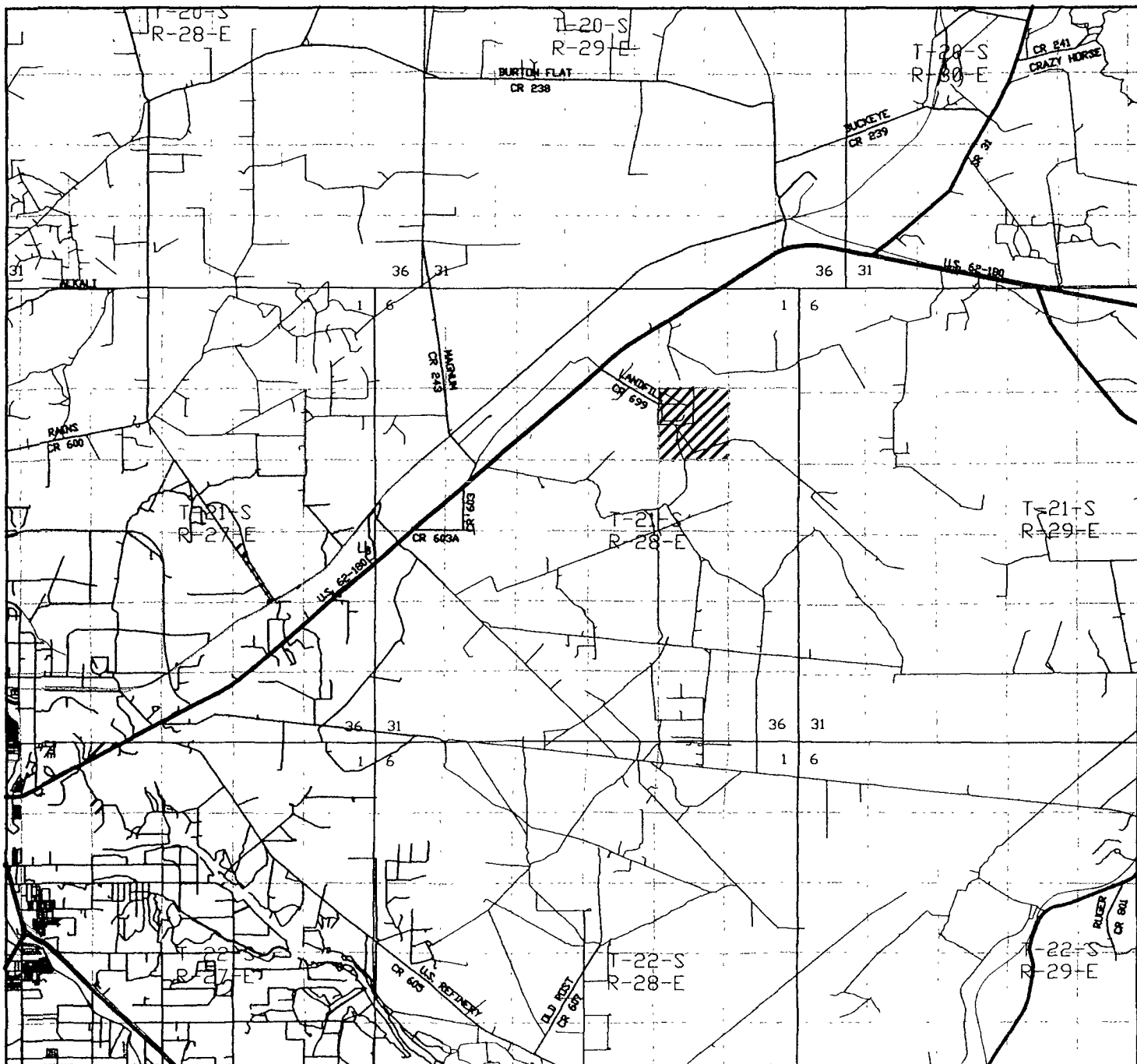
REF: BIG EDDY UNIT #166 / WELL PAD AND TOPO

THE BIG EDDY UNIT #166 LOCATED 2380'

FROM THE SOUTH LINE AND 660' FROM THE WEST LINE OF
SECTION 11, TOWNSHIP 21 SOUTH, RANGE 28 EAST,

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

Survey Date: 06-20-2007 Sheet 1 of 1 Sheets



BIG EDDY UNIT #166
 2380' FSL and 660' FWL
 Section 11, Township 21 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
 basin-surveys.com

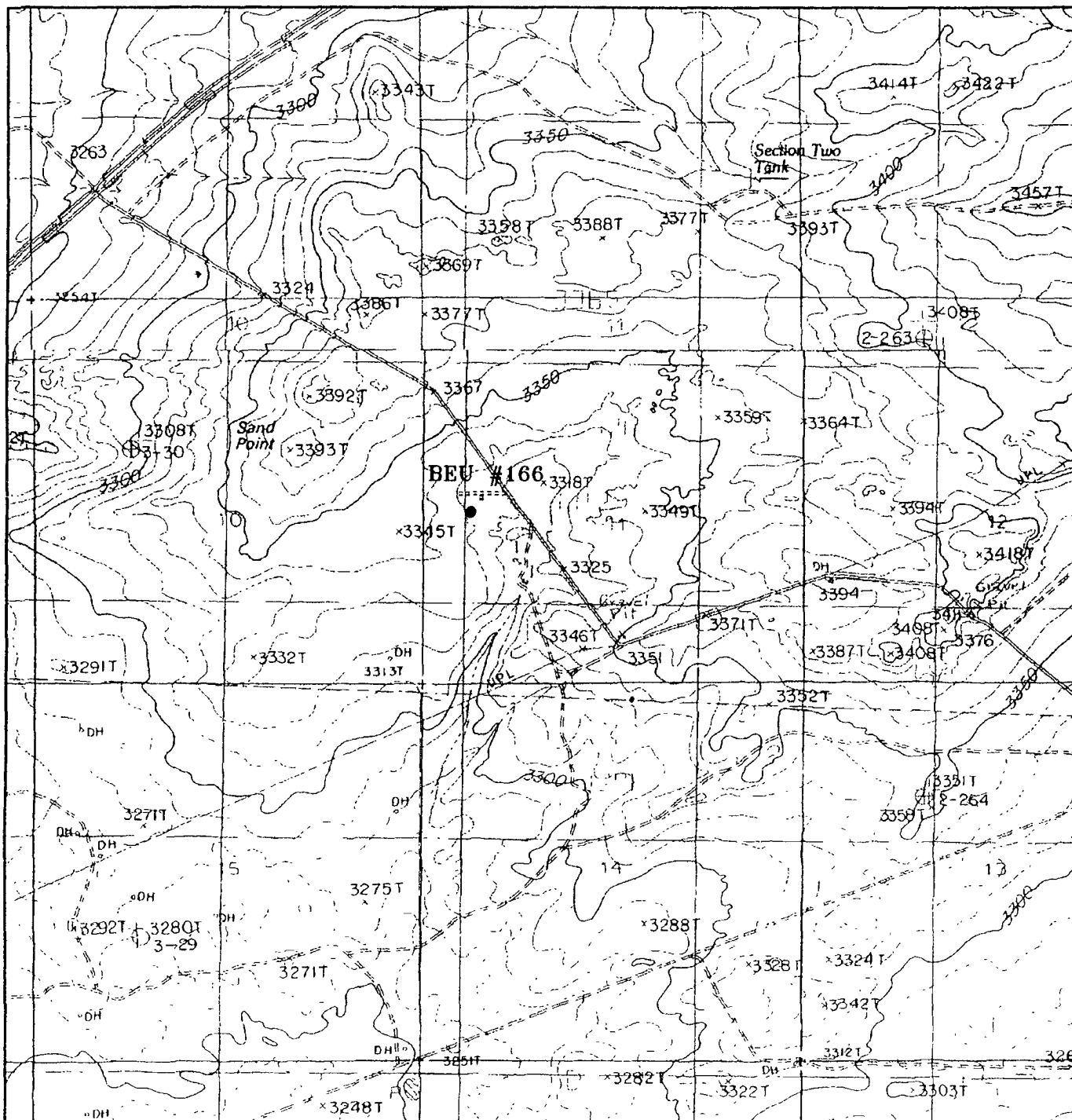
W.O. Number: JMS 18215TR

Survey Date: 06-20-2007

Scale 1" = 2 MILES

Date 06-25-2007

BEPCO, L.P.



BIG EDDY UNIT #166
 2380' FSL and 660' FWL
 Section 11, Township 21 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.

EXHIBIT B