

DISTRICT I  
1625 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 Department

Form C-102  
Revised October 12, 2005

Submit 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 30-015-35269	Pool Code 79100	Pool Name Indian Flats (Morrow), SW
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 156
OGRID No. 001801	Operator Name BEP CO, L.P.	Elevation 3159'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	22 S	28 E		660	NORTH	860	WEST	EDDY

Bottom Hole Location If Different From Surface

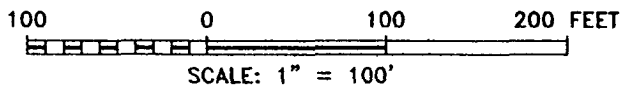
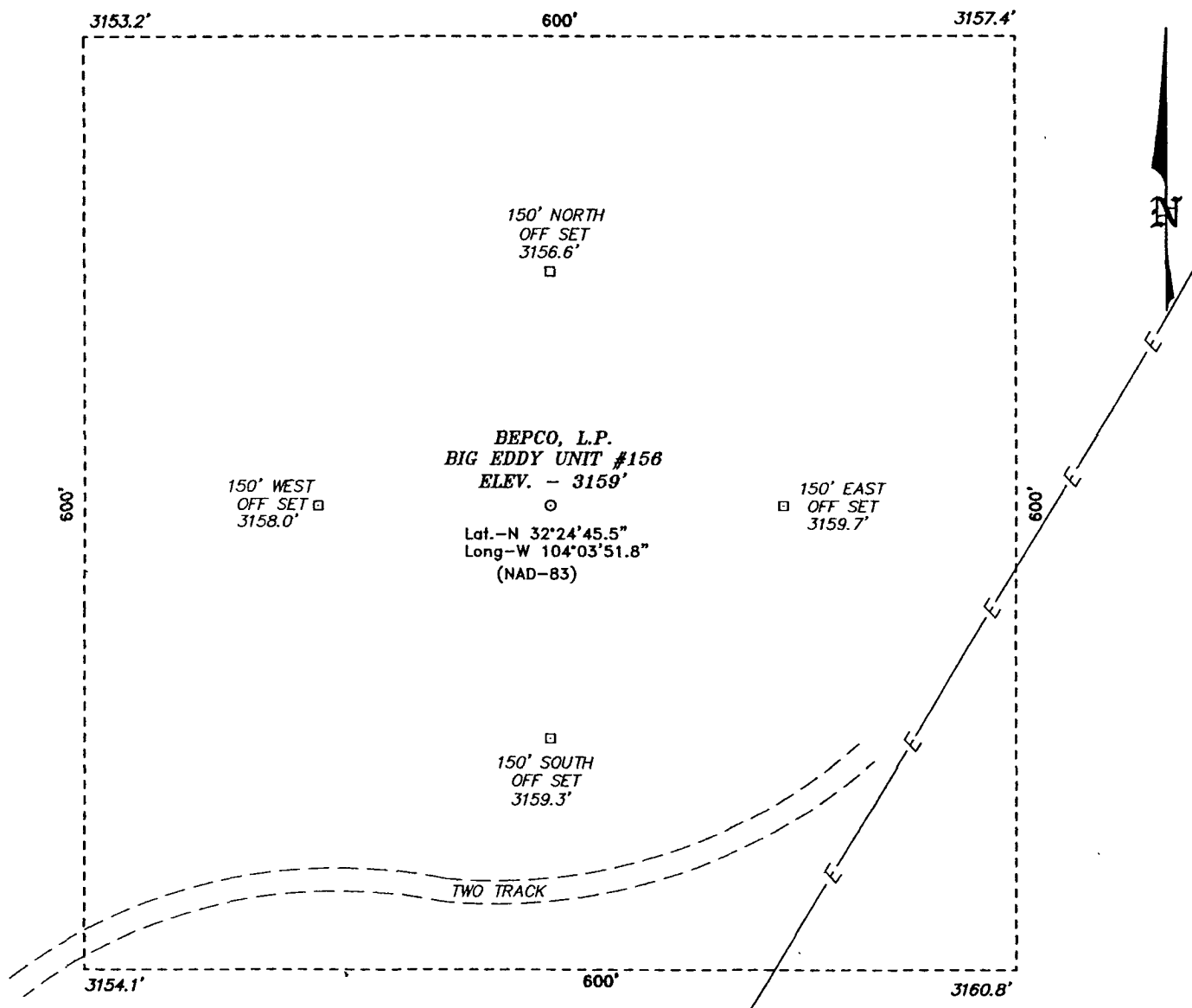
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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

		<p><b>OPERATOR CERTIFICATION</b></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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Gary E. Gorhard</i> 9/18/66 Signature Date</p> <p>Gary E. Gorhard Printed Name</p>	
<p>159.25 ACRES</p>		<p>157.42 ACRES</p>	
<p>160.30 ACRES</p>		<p>160.54 ACRES</p>	
<p><b>SURVEYOR CERTIFICATION</b></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><b>Basin Surveys</b></p>	

SECTION 11, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 62-180 AND CO. RD 243 (MAGNUM), PROCEED SOUTHWEST 1.3 MILE TO LEASE ROAD AT DUKE STATION, ON LEASE ROAD GO SOUTH 4.2 MILE, THENCE SOUTHEAST 0.3 MILE; THENCE 1.3 MILE SOUTH AT IMC BOOSTER; THENCE 0.8 MILE EAST; THENCE APPROX 0.1 MILE THROUGH FENCE; THENCE 0.1 MILE NORTHEAST ON LEASE ROAD TO TRAIL ROAD; THENCE 0.6 MILE NORTHEAST ON TWO TRACK TO PROPOSED LEASE ROAD.

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

W.O. Number: 6590 Drawn By: J. M. SMALL

Date: 07-10-2006 Disk: JMS 6590W

**BEPCO, L.P.**

REF: BIG EDDY UNIT No. 156 / Well Pad Topo

THE BIG EDDY UNIT No. 156 LOCATED 660' FROM  
THE NORTH LINE AND 860' FROM THE WEST LINE OF  
SECTION 11, TOWNSHIP 22 SOUTH, RANGE 28 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 07-06-2006 Sheet 1 of 1 Sheets





<b>INCLINATION REPORT</b> (One Copy Must Be Filled With Each Completion Report.)		6. <del>State</del> Eddy Cty.
1. FIELD NAME (as per RRC Records or Wildcat) Indian Flats (Morrow) SW		7. <del>Lease</del> Lease Number. (Oil completions only) NMLC069140A
2. LEASE NAME Bid Eddy		8. Well Number Unit 156
3. OPERATOR BEP CO, L.P.		9. <del>Well</del> Identification Number (Oil completions only) 30-015-35269
4. ADDRESS P.O. Box 2760 Midland, TX 79702		10. County Eddy
5. LOCATION (Section, Block, and Survey)		

### RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination* (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
277	2.77	0.75	1.31	3.63	3.63
486	2.09	0.25	0.44	0.91	4.54
577	0.91	0.60	1.05	0.95	5.49
607	0.30	0.70	1.22	0.37	5.86
670	0.63	0.60	1.05	0.66	6.52
762	0.92	0.20	0.35	0.32	6.84
844	0.82	0.40	0.70	0.57	7.41
946	1.02	0.30	0.52	0.53	7.94
1,071	1.25	0.20	0.35	0.44	8.38
1,165	0.94	0.30	0.52	0.49	8.87
1,260	0.95	0.30	0.52	0.50	9.37
1,355	0.95	0.60	1.05	0.99	10.37
1,450	0.95	0.70	1.22	1.16	11.53
1,545	0.95	1.50	2.62	2.49	14.01
1,639	0.94	2.00	3.49	3.28	17.29
1,734	0.95	2.00	3.49	3.32	20.61

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 12,730 feet = 312.24 feet.
- \*19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line \_\_\_\_\_ feet.
21. Minimum distance to lease line as prescribed by field rules \_\_\_\_\_ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? \_\_\_\_\_
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

<b>INCLINATION DATA CERTIFICATION</b> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><u>Brandon Benedict</u>  Signature of Authorized Representative  Brandon Benedict, Operations Mgr.</p> <p>Name of Person and Title (type or print)  Helmerich &amp; Payne IDC</p> <p>Name of Company  <u>325 387-3585</u></p> <p>Telephone: <u>325 387-3585</u>  Area Code</p>	<b>OPERATOR CERTIFICATION</b> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><u>Ann Moore</u>  Signature of Authorized Representative  Ann Moore Production Clerk</p> <p>Name of Person and Title (type or print)  BEP CO, L. P.</p> <p>Operator  <u>(432) 683-2277</u></p> <p>Telephone: <u>(432) 683-2277</u>  Area Code</p>
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Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* Designates items certified by company that conducted the inclination surveys.

SMW  
5/18/03

# **RECORD OF INCLINATION (Continued from reverse side)**

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
1,828	1.70	0.70	1.22	2.08	22.69
1,923	2.70	0.30	0.52	1.41	24.10
2,018	3.30	0.90	1.57	5.18	29.28
2,114	1.90	0.80	1.40	2.65	31.94
2,208	1.90	0.70	1.22	2.32	34.26
2,303	2.00	0.80	1.40	2.79	37.05
2,397	2.10	0.50	0.87	1.83	38.88
2,492	1.50	0.70	1.22	1.83	40.71
2,586	1.10	0.50	0.87	0.96	41.67
2,681	0.60	1.20	2.09	1.26	42.93
2,760	0.90	0.10	0.17	0.16	43.09
3,146	0.70	1.30	2.27	1.59	44.68
3,431	0.30	0.80	1.40	0.42	45.09
3,620	0.90	0.70	1.22	1.10	46.19
3,904	0.80	1.50	2.62	2.09	48.29
4,379	0.70	0.40	0.70	0.49	48.78
4,853	1.20	1.80	3.14	3.77	52.55
5,119	0.10	1.30	2.27	0.23	52.77
5,214	1.30	1.80	3.14	4.08	56.86
5,309	0.80	2.40	4.19	3.35	60.21
5,497	0.70	3.10	5.41	3.79	63.99
5,724	0.40	2.60	4.54	1.81	65.81
6,008	1.80	2.40	4.19	7.54	73.34
6,254	1.30	2.00	3.49	4.54	77.88
6,595	1.80	1.00	1.75	3.14	81.02
6,738	2.40	0.70	1.22	2.93	83.95
6,830	3.10	1.10	1.92	5.95	89.91
6,925	3.10	0.90	1.57	4.87	94.78
7,019	2.60	0.40	0.70	1.82	96.59
7,114	2.40	1.90	3.32	7.96	104.55
7,209	2.00	2.80	4.88	9.77	114.32
7,304	1.80	4.10	7.15	12.87	127.19
7,493	0.70	3.90	6.80	4.76	131.95
7,683	0.50	3.50	6.10	3.05	135.00
7,779	1.10	3.30	5.76	6.33	141.33
7,874	0.90	3.40	5.93	5.34	146.67
7,968	0.40	2.50	4.36	1.74	148.42
8,064	1.90	2.10	3.66	6.96	155.38
8,128	2.25	0.80	1.40	3.14	158.52
8,158	2.90	0.40	0.70	2.02	160.54
8,253	4.10	0.60	1.05	4.29	164.84

If additional space is needed, attach separate sheet and check here. ☐

REMARKS: \_\_\_\_\_

## **- INSTRUCTIONS -**

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled; by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

### RECORD OF INCLINATION (Continued from reverse side)

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If additional space is needed, attach separate sheet and check here. ☐

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