



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

12/11/08  
FORM APPROVED  
OMB NO 1004-0137  
Expires: March 31, 2007

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,  
Other NOV - 1 2008

2. Name of Operator  
BEPCO, L.P.

OCD-ARTESIA

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 NWSE 1830' FSL, 1980' FEL, LAT 32.419778 N, LONG -104.090111 W

At top prod interval reported below SAME

At total depth SAME

CONFIDENTIAL

14 Date Spudded  
05/29/2007

15. Date T D. Reached  
07/30/2007

16 Date Completed  
☐ D & A ☒ Ready to Prod.  
09/11/2007

5. Lease Serial No.  
NMLC 069140A

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 158

9. API Well No  
30-015-35345

10. Field and Pool, or Exploratory  
UDGN. INDIAN FLATS, SW (MOR

11. Sec, T, R., M., on Block and  
Survey or Area SEC 4, T22S, R28E

12. County or Parish  
EDDY

13 State  
NM

17. Elevations (DF, RKB, RT, GL)\*  
3165' GL

18 Total Depth: MD 12650'  
TVD

19. Plug Back T.D.: MD 12521'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21 Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
PLATFORM EXP. THREE DECTOR LITHO-DENSITY/CN/GR  
PLATFORM EXP. HI-RES LATEROLOG ARRAY/MCFL/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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5#	0'	524'		990 SXS		0' TOP OUT	
12-1/4"	9-5/8"	40#	0'	6165'		1870 SXS		0' CIRC.	
8-3/8"	5-1/2"	17#	0'	12650'	7999'	1000 STG 1		8000'	
						725 STG 2		5890' 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)
2-7/8"	11843'	11819'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	11854'	12249'	11854-12020'	0.380	91	Producing
B)			12098-12187'	0.380	29	SI beneath pkr. w/ disk
C)			12226-12249'	0.380	34	SI beneath pkr. w/disk
D)						

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

Depth Interval	Amount and Type of Material
12098-12249'	BINARY FRAC W/84592 GALLONS 40# LINEAR 70Q CO2 FOAM AND 83100 LBS 18/40 ULTRAPROP

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
09/11/07	09/18/07	24	→	0	1251	0			FLOWING
Choice Size	Tbg Press Flwg.	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
11/64"	SI 3550	0	→	0	1251	0		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.	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD  
OCT - 3 2007  
JERRY FANT  
PETROLEUM GEOLOGIST

## 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	NOT PRESENT
				T/SALT	555'
				T/LAMAR LIME	2550'
				T/DELAWARE SAND	2630'
				T/BONE SPRING LIME	5979'
				T/WOLFCAMP	9472'
				T/STRAWN	10752'
				T/ATOKA	11130'
				T/MORROW	11664'

32 Additional remarks (include plugging procedure):

\* 70 CUBIC YARDS OF PEA GRAVEL AND 450 SXS CMT WERE USED IN TOP OUT TO SURFACE.

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

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 PRODUCTION CLERK

Signature

Ann Moore

Date

09/27/2007

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.

Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

II  
d Avenue, Artesia, NM 88210

CT III  
Brazos Rd., Aztec, NM 87410

RICT IV  
St. Francis Dr., Santa Fe, NM 87505

## OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35345	Pool Code 79100	Pool Name UNDESIGNATED INDIAN FLATS, SW (MORROW)
Property Code 001775	Property Name BIG EDDY UNIT	Well Number 158
OGRID No. 001801	Operator Name BEPCO, L.P.	Elevation 3163'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	4	22 S	28 E		1830	SOUTH	1980	EAST	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

40.70 ACRES LOT 4	40.70 ACRES LOT 3	40.75 ACRES LOT 2	40.96 ACRES LOT 1	<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 to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 12/1/06 Signature Date STEPHEN M MARTINEZ Printed Name</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>OCTOBER 10, 2006</p> <p>Date Surveyed Signature of Registered Professional Surveyor W.O. No. 17750 Certificate No. Gary L. Jones 7977</p>
81.63 ACRES		81.76 ACRES		
163.09 ACRES		163.87 ACRES		

LAT - N32°25'11.2"  
LONG - W104°09'24.4"  
(NAD-83)

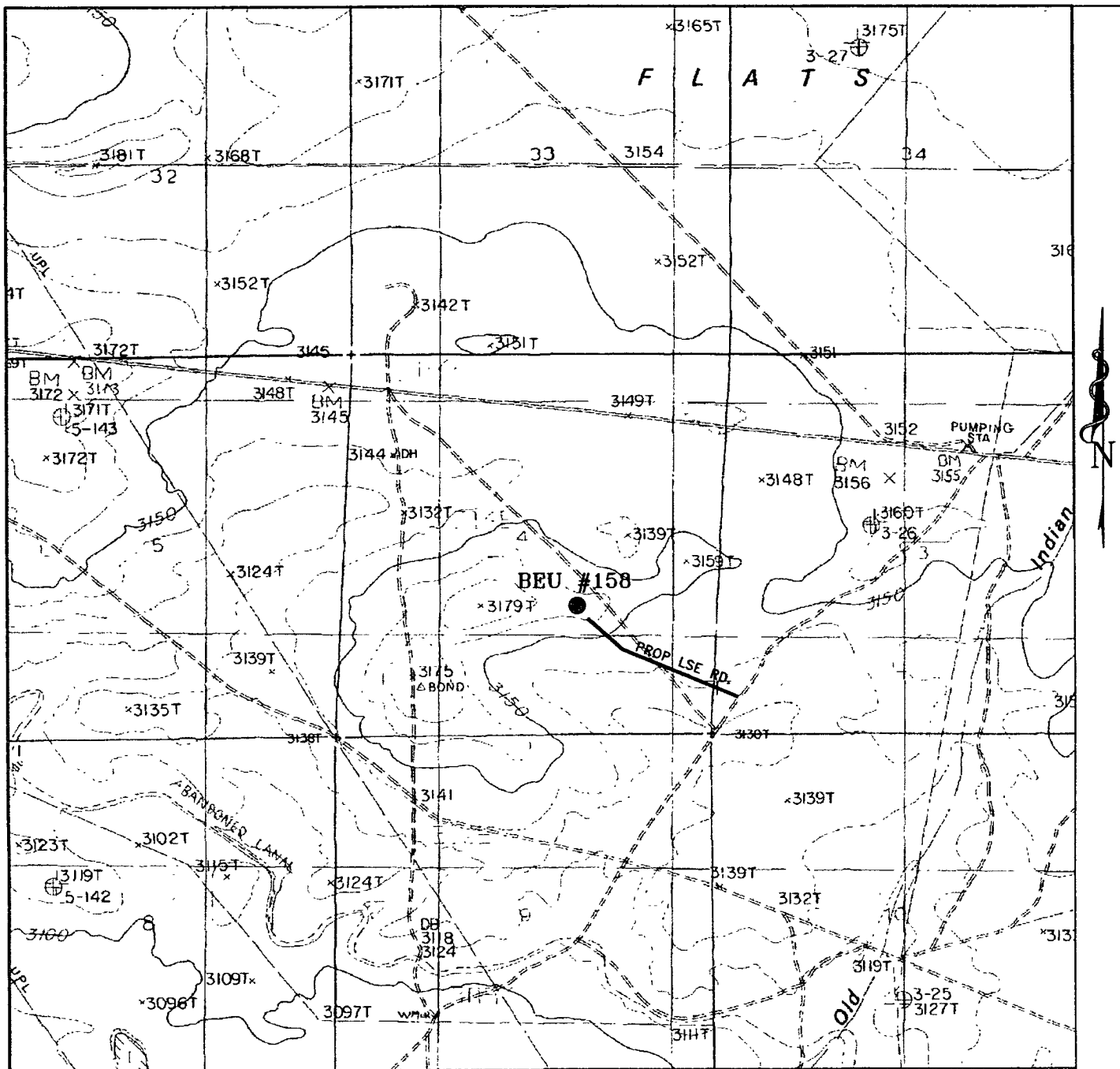
3161.1' 3156.7'  
3156.4' 3155.0'  
1830'  
1980'

FROM MILE MARKER #43 ON U.S. HWY 62-180,  
PROCEED WEST 0.4 MILE TO LEASE ROAD (SIGN FOR  
BASS), ON LEASE ROAD PROCEED SOUTH 4.2 MILE;  
THENCE 0.3 MILE EAST PAST IMC BOOSTER; THENCE  
0.7 MILE SOUTHWEST TO PROPOSED LEASE ROAD.



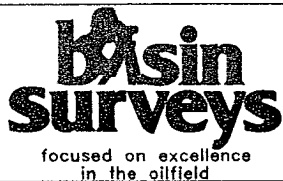
**BASIN SURVEYS** P.O. BOX 1786—HOBBS, NEW MEXICO

Sheet 1 of 1 Sheets



### BIG EDDY UNIT #158

Located at 1830' FSL and 1980' FEL  
Section 4, 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

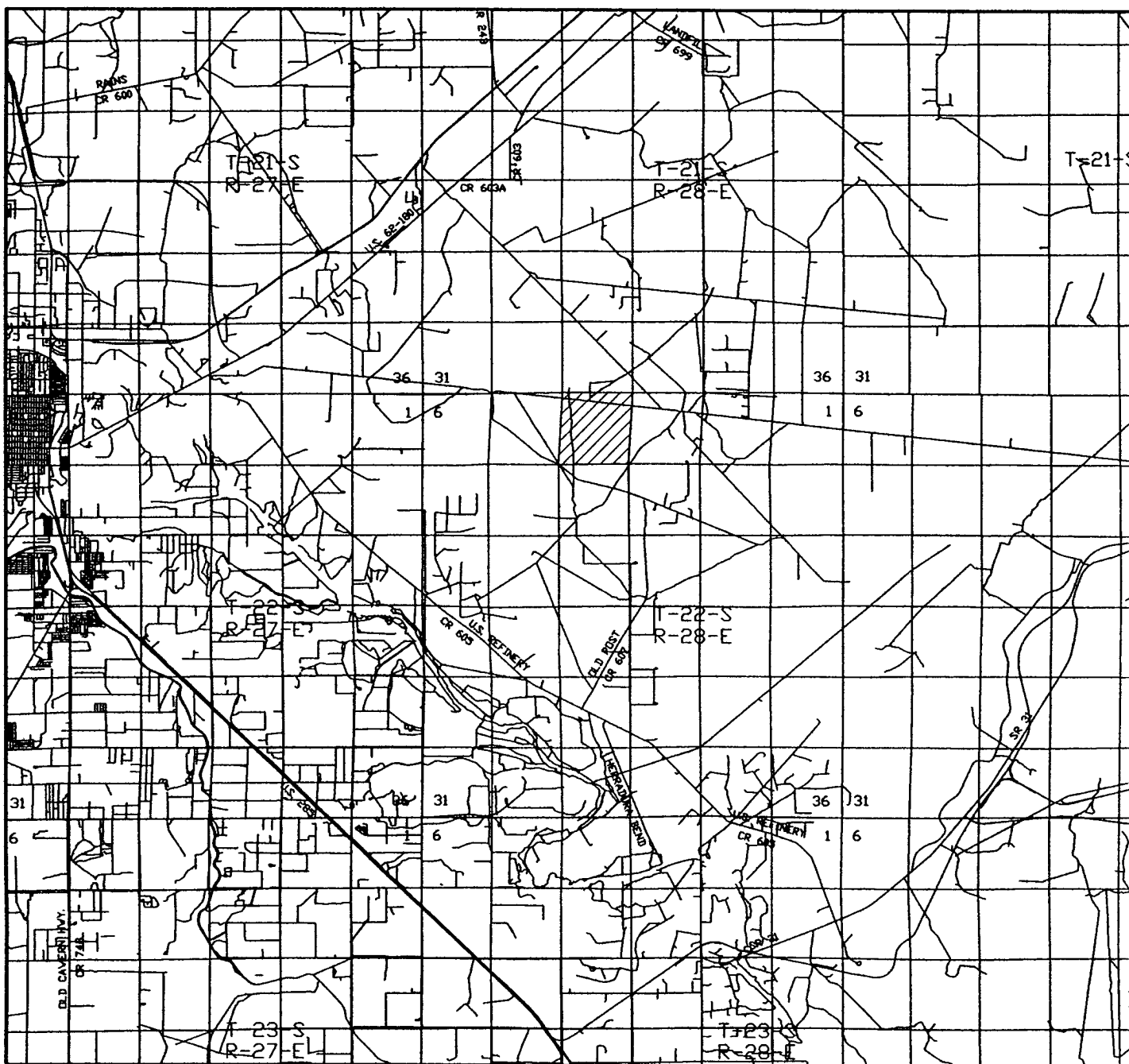
W.O. Number JMS 17350T

Survey Date: 10-10-2006

Scale: 1" = 2000'

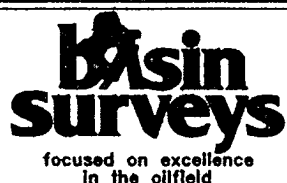
Date: 10-12-2006

BEPCO, L.P.



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Located at 1830' FSL and 1980' FEL  
 Section 4, Township 22 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.



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

W.O. Number: JMS 17350T

Survey Date: 10-10-2006

Scale: 1" = 2 MILES

Date: 10-12-2006

**BEPCO, L.P.**

## INCLINATION REPORT

DATE: 8/27/07

WELL NAME : BIG EDDY UNIT #158  
LOCATION: EDDY COUNTY, NM  
OPERATOR: BEPCO, LP.  
DRILLING CONTRACTOR: GREY WOLF DRILLING COMPANY, LP  
RIG 76

I, Marshall Hornsby, do hereby certify, that the following inclination report was prepared in the office of GREY WOLF DRILLING COMPANY, LP in Midland, Texas, under my supervision, from records of said well, and is true and correct to the best of my knowledge:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
248 @	.5	2060 @	4.6	2741 @	0.5	7538 @	2
286 @	1.25	2091 @	4.6	2860 @	0.5	7729 @	1.75
329 @	1.75	2123 @	4.2	2957 @	1	7824 @	2
409 @	1	2155 @	3.5	3053 @	1	8019 @	1
515 @	1.5	2187 @	2.9	3302 @	0.5	8145 @	1
914 @	1	2219 @	2.6	3556 @	0.5	8238 @	1
1169 @	1.75	2251 @	2.3	3803 @	0.5	8399 @	0.5
1265 @	1.5	2282 @	2.3	4055 @	0.5	8651 @	0.25
1360 @	.75	2346 @	2.8	4313 @	0.5	9064 @	1
1480 @	1	2378 @	3.1	4575 @	0.5	9446 @	1.5
1613 @	3	2410 @	3	4800 @	0.5	9770 @	0.5
1677 @	3.25	2442 @	2.4	5050 @	0.5	10036 @	0.5
1787 @	3.3	2473 @	2	5308 @	0.5	10445 @	1
1854 @	3.3	2505 @	1.7	5522 @	0.5	10694 @	0.5
1885 @	3.6	2537 @	1.5	6203 @	1	11125 @	0.5
1917 @	3.9	2659 @	1.3	6655 @	.50	11509 @	0.75
1949 @	4.3	2601 @	1.2	7061 @	1	11952 @	1.25
1996 @	4.5	2633 @	1.1	7185 @	2	12432 @	1.25
2028 @	4.6	2650 @	1.1	7320 @	0.5		

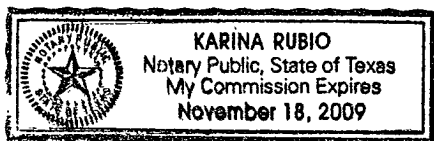
Drilling Contractor:  
Grey Wolf Drilling Company, LP

By: Marshall Hornsby

Marshall Hornsby

Subscribed and sworn to before me on this 27 day of August, 2007

My Commission Expires: 11/18/09



By: Karina Rubio

Notary Public