

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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 ☐ Other
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,
Other _____ SEP - 5 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 1450' FSL, 1980' FEL LAT 32.418250 LONG 104.125444

At top prod. interval reported below

At total depth Same

CONFIDENTIAL

14. Date Spudded
03/26/2007

15. Date T.D. Reached
05/14/2007

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/05/2007

17. Elevations (DF, RKB, RT, GL)*
3115' GL

18. Total Depth: MD 12400
TVD

19. Plug Back T.D.: MD 12380'
TVD

20. Depth Bridge Plug Set. MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
Hi-Res Laterolog Array Micro-CFL/GR
Platform Express Three Detector Litho-Density Compensated Neutron/GR
Gamma Ray

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'	414'		530		0'	
12-1/4"	9-5/8"	40#	0'	6045'		1700		0'	
8-3/4"	5-1/2"	17#	0'	12399'	8011'	1315		5123' by 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"	11630'	11605'	2-3/8"	11798-11815'	11798' W/BROKEN	3/4" NASS DISK		

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Morrow	11666'	11992'	11666-11678'	0.380	73	PRODUCING
B)			11864-11879'	0.380	23	PRODUCING
C)			11936-11950'	0.380	21	PRODUCING
D)			11984-11992'	0.380	12	PRODUCING

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

Depth Interval	Amount and Type of Material
11864-11992'	FRACTURED WITH 93366 GALS 40# 70Q BINARY FOAM AND 84543 LBS 18/40 ULTRAPROP
11666-11992'	STIMULATED WITH 4000 GALLONS 15% NEFE HCL ACID

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
07/05/07	07/13/07	24	→	110	11700	28		0.601	ACCEPTED FOR RECORD Flowing
Choice Size	Tbg Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
WO	SI 10750		→	110	11700	28	106364	Producing	AUG 8 2007

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
			→						JERRY FANT PETROLEUM GEOLOGIST
Choke Size	Tbg Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	SI		→						

(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
<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 707 JUL 30 PM 3:25 RECEIVED </div>				T/SALT	750'
				B/SALT	2020'
				T/DELAWARE MTN. GROUP	2370'
				T/BONE SPRING	5808'
				T/WOLFCAMP	9272'
				T/STRAWN	10562'
				T/ATOKA	10934'
				T/MORROW	11516'
				T/BARNETT	12380'

32 Additional remarks (include plugging procedure):

WELL TA'D IN MORROW FORMATION AND PRODUCING FROM STRAWN.

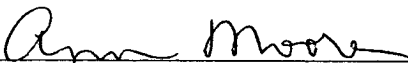
33 Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ 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

Date 07/27/2007

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.

DISTRICT I
1025 N. French Dr., Hobbs, NM 88240
DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Ed., Artesia, 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 30-015-35146	Pool Code 73920	Pool Name East Carlsbad (Morrow)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 148
OGRID No. 001801	Operator Name BEPCO, L.P.	Elevation 3115'

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	6	22 S	28 E		1450	SOUTH	1980	EAST	EDDY

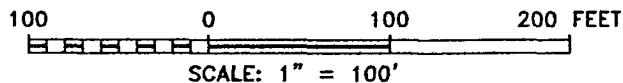
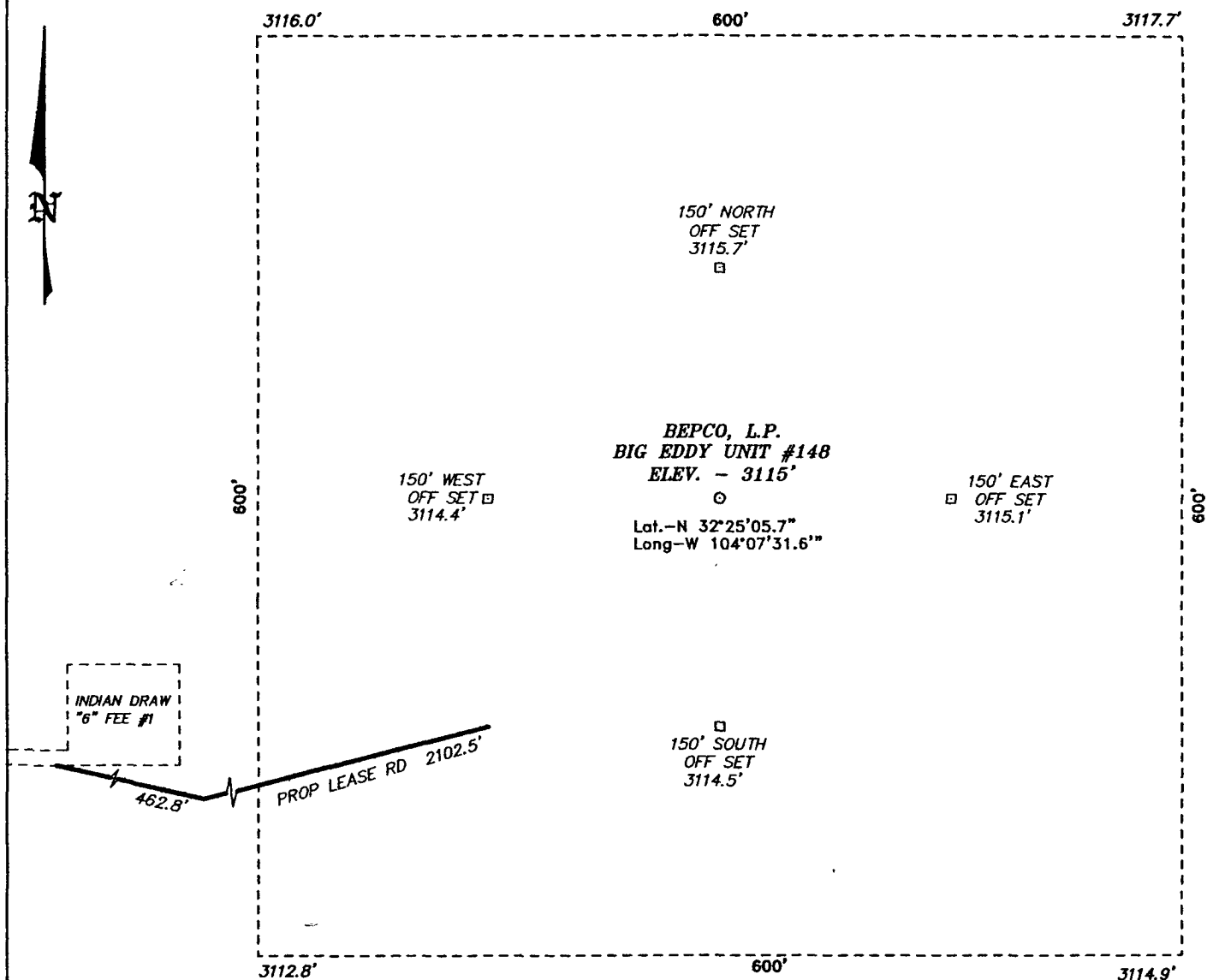
Bottom Hole Location If Different From Surface

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 I	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 4 154.49 ACRES	LOT 3 151.09 ACRES	LOT 2 151.09 ACRES	LOT 1 151.09 ACRES
LOT 5	LOT 6 152.30 ACRES	LOT 7 158.21 ACRES	
LAT - N32°25'05.7" LONG - W104°07'31.6" (NAD-83)			
3126.0 3117.4 3122.8 3114.9 1980			
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: William R. Dannels Date: 8/3/06 Printed Name: W.R. Dannels			
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. Date Surveyed: 8/3/06 Signature & Seal of Professional Surveyor: Gary L. Jones Certificate No. Gary L. Jones 7977 BASIN SURVEYS			

SECTION 6, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF HWY 62-180 AND CO. RD. 605
(US REFINERY), PROCEED SOUTH 4.7 MILE PAST CATTLE
GUARD TO FORK; TAKE LEFT FORK PROCEEDING NORTH
2.0 MILE, THENCE EAST APPROX 300 FEET TO PROPOSED
LEASE ROAD.

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

W.O. Number: 6889 Drawn By: J. M. SMALL

Date: 07-13-2006 Disk: JMS 6889W

BEPCO, L.P.

REF: BIG EDDY UNIT No. 148 / Well Pad Topo

THE BIG EDDY UNIT No. 148 LOCATED 1450' FROM
THE SOUTH LINE AND 1980' FROM THE EAST LINE OF
SECTION 6, TOWNSHIP 22 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 07-12-2006 Sheet 1 of 1 Sheets



Section 6, Township 22 South, Range 28 East,
N.M.P.M., Eddy County, New Mexico.

basisin
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

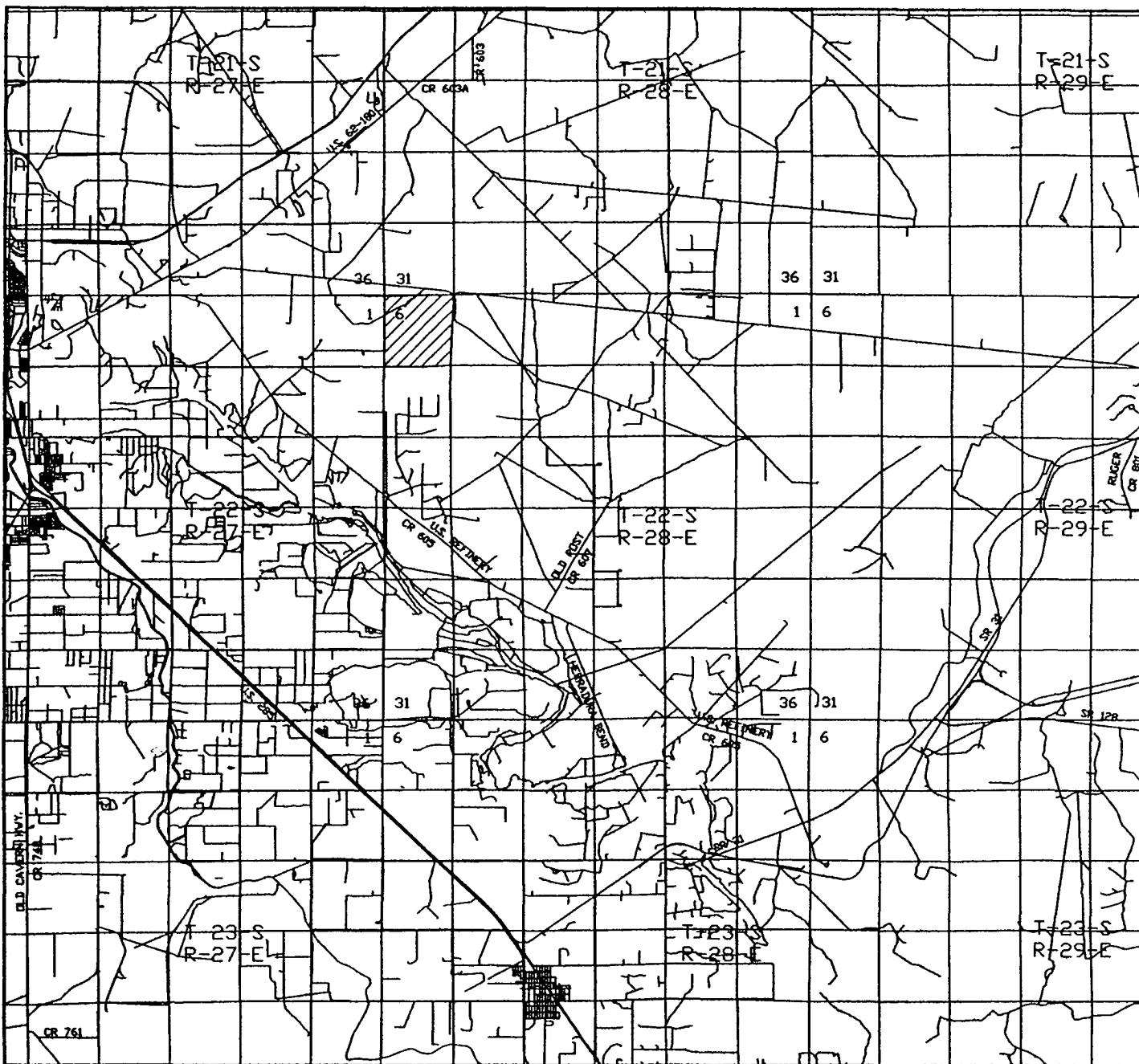
W.O. Number: 6889T

Survey Date: 07-12-2006

Scale: 1" = 2000'

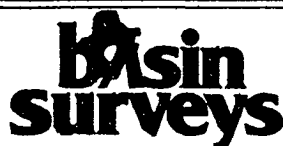
Date: 07-13-2006

BEPCO, L.P.



BIG EDDY UNIT #148

Located at 1450' FSL and 1980' FEL
 Section 6, 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: 6889T

Survey Date: 07-12-2006

Scale: 1" = 2 MILE

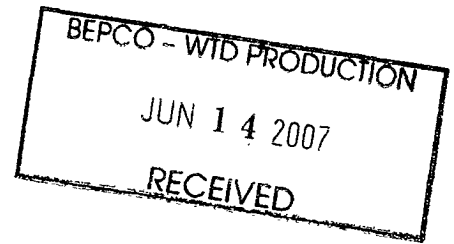
Date: 07-13-2006

BEPCO, L.P.

INCLINATION REPORT

DATE: 6/12/07

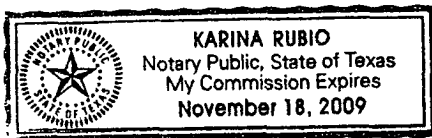
WELL NAME : BIG EDDY UNIT #148
LOCATION: EDDY COUNTY, NM
OPERATOR: BEPCO, LP.
DRILLING CONTRACTOR: GREY WOLF DRILLING COMPANY, LP
RIG 76



I, Emmett Meshell, 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
205 @	.5	1743 @	2.25	5535 @	0.75	8192 @	1
400 @	1	1807 @	2	5947 @	0.5	8255 @	0.8
557 @	2	1870 @	1.75	6376 @	0.5	8351 @	0.4
588 @	2.5	1966 @	1.5	6790 @	.5	8382 @	0.2
596 @	2.5	1998 @	1.5	7159 @	3	8509 @	0.2
657 @	3	2095 @	0.5	7339 @	2.5	8716 @	0.5
691 @	2.5	2169 @	0.5	7392 @	3	8841 @	0.5
828 @	3	2189 @	0.25	7442 @	2	9286 @	0.5
923 @	2.5	2296 @	0.5	7516 @	2.5	9318 @	0.5
1013 @	1	2370 @	0.5	7579 @	2.5	9573 @	0.5
1111 @	.5	2380 @	0.5	7706 @	2.75	9770 @	1
1204 @	.75	2764 @	0.5	7773 @	3	10212 @	1.25
1300 @	1.75	3163 @	1	7793 @	2.75	10654 @	0.5
1363 @	1.25	3544 @	0.5	7905 @	2.2	11101 @	1
1489 @	1.25	3936 @	0.5	7969 @	1.5	11569 @	1
1584 @	2	4357 @	0.5	8032 @	1.2	11983 @	1
1679 @	2.5	4757 @	0.5	8096 @	1		

Drilling Contractor:
Grey Wolf Drilling Company, LP



By: Emmett Meshell
Emmett Meshell

Subscribed and sworn to before me on this 12 day of June, 2007

My Commission Expires: 11/18/09

By: Karina Rubio

Notary Public

ckf