

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

S

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. Resrv.,
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 NESE 1950' FSL, 660' FEL

At top prod. interval reported below SAME

At total depth SAME

SEP - 5 2008

OCD-ARTESIA

CONFIDENTIAL

5. Lease Serial No.
NMLC 069140A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no
NMM68294X

8. Lease Name and Well No

BIG EDDY UNIT 159

9 API Well No.

30-015-35145

10 Field and Pool, or Exploratory

INDIAN FLATS, SW (MORROW)

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

Survey or Area SEC 9, T22S, R28E

12 County or Parish

EDDY

13 State

NM

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

3128'

14 Date Spudded
01/19/2007

15. Date T.D. Reached
03/19/2007

16 Date Completed
☐ D & A ☒ Ready to Prod.
05/26/2007

18 Total Depth. MD 12591'
TVD

19 Plug Back T.D. MD 12490'
TVD

20 Depth Bridge Plug Set MD
TVD

21 Type of Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS DENSITY NEUTRON COMPOSITE
PLATFORM EXPRESS HI-RES LATEROLOG ARRAY/MCFL;
MICROLOG COMPOSITE

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"	48#	0'	435'		460		0'	
12-1/4"	9-5/8"	40#	0'	6228		3100		0'	
8-3/8"	5-1/2"	17#	0'	12589'	8011'	1715		5192' 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"	11864	11846'						

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) MORROW	11889	12223'	11889-11896'	0.380	10	PRODUCING
B)			12048-12060'	0.380	18	PRODUCING
C)			12070-12080'	0.380	11	PRODUCING
D)			12122-12236'	0.380	21	PRODUCING

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

Depth Interval	Amount and Type of Material
11889' - 12223'	100,086 GALS OF 70Q BINARY SYSTEM + 85,000# 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
05/26/07	06/02/07	24	→	0	2726	300			FLOWING AUG 6 2007
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
22/64	1150	0	→	0	2726	300	2,726,000	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)

ACCEPTED FOR RECORD

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	180'
				T/SALT	465'
				T/CASTILE	2180'
				T/DELAWARE MTN. GROUP	2584'
				T/BONE SPRING LIME	6029'
				T/WOLFCAMP	9390'
				T/STRAWN	10886'
				T/ATOKA	11100'
				T/MORROW	11643'
				T/MISSISSIPPIAN	12540'

32 Additional remarks (include plugging procedure):

ADDITIONAL PERFS @ 12170-12175', 8 HOLES
12219-12223', 5 HOLES

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

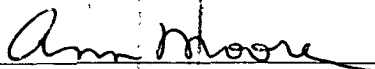
- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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 MOORE

Title PRODUCTION CLERK

Signature



Date 06/04/2007

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
1826 N. French Dr., Hobbs, NM 88240

DISTRICT II
1391 E. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Bravo 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, 2006

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35145	Pool Code 79100	Pool Name INDIAN FLATS, SW (MORROW)
Property Code 001776	Property Name BIG EDDY UNIT	Well Number 159
OGED No. 001801	Operator Name BEPCO, L.P.	Elevation 3128'

Surface Location

UL or lot No.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Feet from the	East/West line	County
1	9	22 S	28 E		1950	SOUTH	660	EAST	EDDY

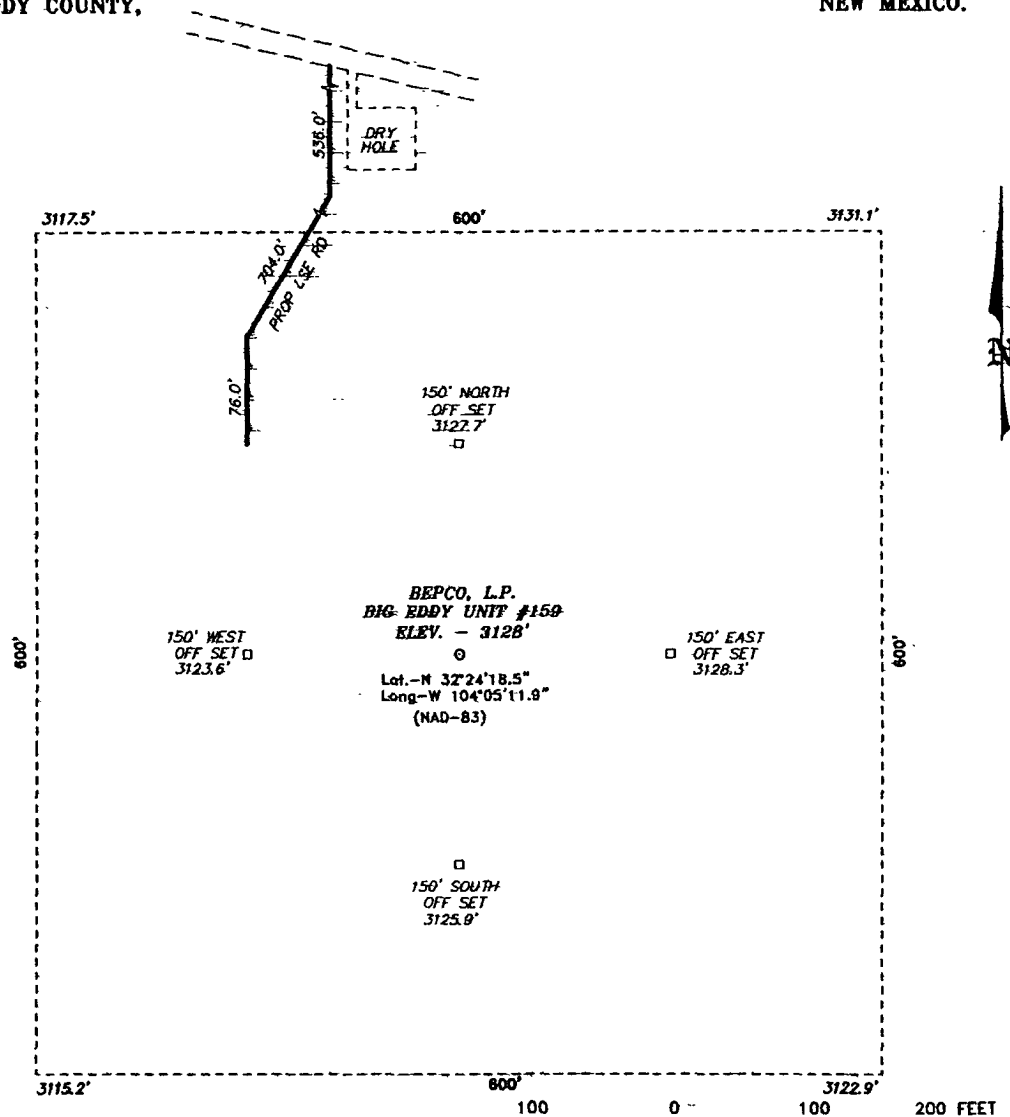
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Mn	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

				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 undivided 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 8/4/06 Date William R. Daniels Printed Name	
				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 Signature Professional Surveyor Certificate No. 7977 BASIN SURVEYS	

SECTION 9, 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 TO IMC BOOSTER; THENCE 1.3 MILE SOUTH TO LEASE ROAD; THENCE 0.1 MILE EAST TO PROPOSED LEASE ROAD.

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

W.O. Number: 6589

Drawn By: J. M. SMALL

Date: 07-10-2006

Disk: JMS 6589W

BEPCO, L.P.

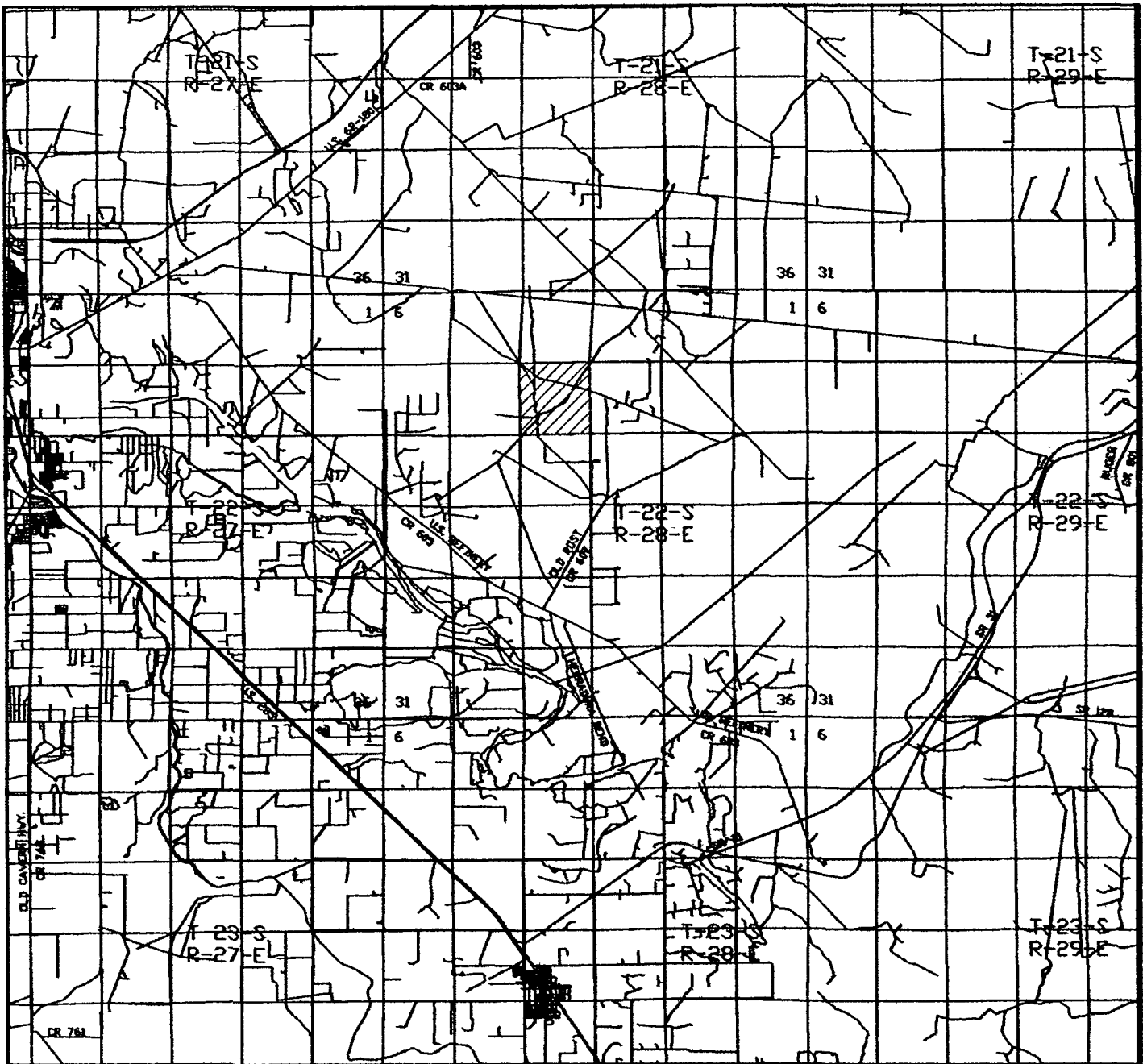
REF: BIG EDDY UNIT No. 159 / Well Pad Topo.

THE BIG EDDY UNIT No. 159 LOCATED 1950' FROM THE SOUTH LINE AND 660' FROM THE EAST LINE OF SECTION 9, TOWNSHIP 22 SOUTH, RANGE 28 EAST,

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

Survey Date: 07-06-2006

Sheet 1 of 1 Sheets



BIG EDDY UNIT #159
 Located at 1950' FSL and 660' FEL
 Section 9, 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) 393-7318 - Office
 (505) 392-3074 - Fax
basinsurveys.com

W.O. Number: 6589T

Survey Date: 07-05-2006

Scale: 1" = 2 MILES

Date: 07-10-2006

BEPCO, L.P.

INCLINATION REPORT

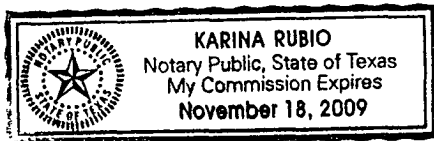
DATE: 3/30/07

WELL NAME : Big Eddy Unit #159
LOCATION: Eddy County, NM
OPERATOR: BEPCO, LP
DRILLING CONTRACTOR: GREY WOLF DRILLING COMPANY, LP
RIG 76

I, Leon Armentrout, 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
.75	@ 175	.25	@ 3837	2	@ 8120	.5	@ 8942
.5	@ 437	.5	@ 4325	2.25	@ 8076	.5	@ 8999
.5	@ 692	.5	@ 4794	1.5	@ 8183	1.75	@ 8965
.5	@ 820	.5	@ 5276	1.5	@ 8233	.5	@ 9068
2	@ 951	.5	@ 5691	2	@ 8199	.5	@ 9132
1	@ 978	.5	@ 6082	.5	@ 8310	1	@ 9093
1.5	@ 1042	.5	@ 6560	1.5	@ 8373	1	@ 9413
.5	@ 1249	.5	@ 6960	2	@ 8329	.5	@ 9572
1.5	@ 1345	1.75	@ 7370	.5	@ 8435	2	@ 9893
2.75	@ 1615	3	@ 7499	1.5	@ 8499	1.35	@ 10081
2.75	@ 1735	3	@ 7610	1.5	@ 8551	1.25	@ 10240
3.25	@ 1927	3	@ 7635	3	@ 8581	1	@ 10527
2.75	@ 1989	2.5	@ 7706	2.5	@ 8615	.5	@ 10717
2	@ 2109	2	@ 7758	3	@ 8679	.25	@ 11306
1.5	@ 2225	1.5	@ 7789	3	@ 8756	1.5	@ 11593
1	@ 2345	2	@ 7755	2.5	@ 8743	1	@ 11777
.5	@ 2465	1.5	@ 7917	2.5	@ 8709	1.75	@ 12188
.5	@ 2836	2	@ 7985	1.5	@ 8814		
.5	@ 3216	2.25	@ 7946	1	@ 8878		
.5	@ 3454	2	@ 8044	1.5	@ 8839		

Drilling Contractor:
Grey Wolf Drilling Company, LP



By: Leon Armentrout
Leon Armentrout

Subscribed and sworn to before me on this 2 day of April, 2007

My Commission Expires: 11/18/09

By: Karina Rubio

Notary Public

OK
11/31

Deviation Surveys

Operator	Bass Enterprises Company	Lease Name & Well #	West Texas Big Eddy Unit 159
Contractor	Grey Wolf	Rig #	76

No	Date	Depth (ft)	Deviation (Deg)	Direction (Deg)
1	2007-01-19	175	0.75	
2	2007-01-19	437	0.5	
3	2007-01-22	692	0.5	
4	2007-01-22	820	0.5	
5	2007-01-22	951	2	
6	2007-01-23	978	1	
7	2007-01-23	1042	1.5	
8	2007-01-24	1249	0.5	1440.00
9	2007-01-24	1345	1.5	1536.00
10	2007-01-26	1615	2.75	
11	2007-01-27	1735	2.75	
12	2007-01-27	1927	3.25	
13	2007-01-28	1989	2.75	
14	2007-01-29	2109	2	
15	2007-01-29	2225	1.5	
16	2007-01-30	2345	1	
17	2007-01-30	2465	0.5	
18	2007-01-30	2836	0.5	
19	2007-02-01	3216	0.5	
20	2007-02-01	3454	0.5	
21	2007-02-02	3837	0.25	
22	2007-02-03	4325	0.5	
23	2007-02-04	4794	0.5	
24	2007-02-05	5276	0.5	
25	2007-02-06	5691	0.5	
26	2007-02-06	6082	0.5	
27	2007-02-13	6560	0.5	
28	2007-02-13	6960	0.5	
29	2007-02-14	7370	1.75	
30	2007-02-14	7499	3	
31	2007-02-14	7610	3	
32	2007-02-14	7635	3	
33	2007-02-14	7706	2.5	
34	2007-02-15	7758	2	
35	2007-02-15	7789	1.5	
36	2007-02-15	7755	2	
37	2007-02-16	7917	1.5	
38	2007-02-16	7985	2	
39	2007-02-16	7946	2.25	
40	2007-02-16	8044	2	
41	2007-02-16	8120	2	

Deviation Surveys

Operator	Bass Enterprises Company	Lease Name & Well #	West Texas Big Eddy Unit 159
Contractor	Grey Wolf	Rig #	76

No	Date	Depth (ft)	Deviation (Deg)	Direction (Deg)
42	2007-02-16	8076	2.25	
43	2007-02-16	8183	1.5	
44	2007-02-17	8233	1.5	
45	2007-02-17	8199	2	
46	2007-02-17	8310	0.5	
47	2007-02-17	8373	1.5	
48	2007-02-17	8329	2	
49	2007-02-17	8435	0.5	
50	2007-02-17	8499	1.5	
51	2007-02-18	8551	1.5	
52	2007-02-18	8581	3	
53	2007-02-18	8615	2.5	
54	2007-02-18	8679	3	
55	2007-02-18	8756	3	
56	2007-02-18	8743	2.5	
57	2007-02-18	8709	2.5	
58	2007-02-18	8814	1.5	
59	2007-02-18	8878	1	
60	2007-02-18	8839	1.5	
61	2007-02-18	8942	0.5	
62	2007-02-19	8999	0.5	
63	2007-02-19	8965	1.75	
64	2007-02-19	9068	0.5	
65	2007-02-19	9132	0.5	
66	2007-02-19	9093	1	
67	2007-02-20	9413	1	
68	2007-02-20	9572	0.5	
69	2007-02-21	9893	2	
70	2007-02-23	10081	1.5	
71	2007-02-23	10240	1.25	
72	2007-02-24	10527	1	
73	2007-02-25	10717	0.5	
74	2007-02-28	11306	0.25	
75	2007-03-04	11593	1.5	
76	2007-03-06	11777	1	
77	2007-03-08	12188	1.75	