

BLM-CARLSBAD FIELD OFFICE

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUN 05 2008

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other ☐ Diff. Reason
 b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

GCD ARTESIA

2 Name of Operator
Tandem Energy Corporation

3 Address P O Box 1559, Midland TX 79702-1559

3a. Phone No. (include area code)
432-686-7136

4 Location of Well (Report location clearly and in accordance with Federal requirements)*

70' FSL & 1025' FEL

At surface

At top prod. interval reported below

At total depth

14 Date Spudded
03/25/200815 Date T.D. Reached
04/02/2008

16 Date Completed

☐ D & A☒ Ready to Prod17 Elevations (DF, RKB, RT, GL)*
3599 GL18 Total Depth MD 3200
TVD19 Plug Back T.D. MD 3107
TVD20 Depth Bridge Plug Set MD
TVD21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CCL/CNL22 Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
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
12-1/4"	8-5/8"	23	surface	333'		175		Surf	
7-7/8"	5-1/2"	17	surface	3167'		600			

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"	3070							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) San Andres	2326	2642	2326-2642	51"	21	open
B) Grayburg	2760	3102	2760-3102	51"	22	open
C)						
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
2760-3102	16/30 Brady Sand Proppant Quantity placed, 109,814 lbs
2326-2642	16/30 Brady Sand Proppant Quantity placed, 90,386 lbs

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
4/21/08	4/27/08	24	→	14		81			Rod Pump
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	14		81		Pumping	

28a 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)

JERRY FANT
PETROLEUM GEOLOGIST

2008

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 (Solid, used for fuel, vented, etc.)

Used for fuel

30. Summary of Porous Zones (Include Aquifers)

Show all important zones of 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

32 Additional remarks (include plugging procedure):

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

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic 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) Tammy AdairTitle Eng. TechSignature Tammy AdairDate 5-12-08

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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