Form 3160-4
(August 2007)

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC-029388D

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: Drilled horiz lateral out of existing WB

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM-85311X

2. Name of Operator LEGACY RESERVES OPERATING LP 240974

8. Lease Name and Well No. TAMANO (BSSC) UNIT #403 30-015-25399

3. Address P.O. BOX 10848 MIDLAND, TX 79702

3a. Phone No. *(include area code)* 432-689-5200

9. API Well No. 30-015-25399

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

At surface UNIT LETTER C, SEC 11, T18S, R31E, 660' FNL & 1980' FWL

10. Field and Pool or Exploratory TAMANO (BONE SPRING) 58040

11. Sec., T., R., M., on Block and Survey or Area UNIT LETTER C, SEC 11, T18S, R31E

At top prod. interval reported below

At total depth UNIT LETTER E, SEC 11, T18S, R31E, 2450' FNL & 1250' FWL

12. County or Parish EDDY

13. State NM

14. Date Spudded 06/22/2008

15. Date T.D. Reached 07/15/2008

16. Date Completed 08/06/2008 ☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* 3753' GL

18. Total Depth: MD 9933' TVD 8136'

19. Plug Back T.D.: MD TVD NA

20. Depth Bridge Plug Set: MD TVD 7914'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. 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
17-1/2"	13-3/8"	48	0'	598'	------	700 H	------	SURFACE	NONE
11"	8-5/8"	24 & 32	0'	2700'	------	1550 H	-----	SURFACE	NONE
7-7/8"	5-1/2"	17	0'	8828'	5984'	1394 H	-----	SURFACE	NONE

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"	7792'	NA						

25. Producing Intervals

	Formation	Top	Bottom
A)	BONE SPRING	7914' TVD	8144' TVD
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
OH LAT: 7914'-9933' MD	4-3/4" OH	NA	NA

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

Depth Interval	Amount and Type of Material
8260'-9000' MD	8000 GALS 20% HCL DIVERT S ACID

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NMOCD ARTESIA

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
08/07/08	09/18/10	24	→	100	98	432			ESP & BEAM PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
NA	NA	NA	→	100	98	432	0.98 MCF/BBL	PRODUCING VIA BEAM PUMP

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
			→					

ACCEPTED FOR RECORD
JAN 29 2011
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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
QUEEN	3340'	3795'		QUEEN	3340'
GRAYBURG	3795'	4320'		GRAYBURG	3795'
SAN ANDRES	4320'	5490'		SAN ANDRES	4320'
BONE SPRING	7530'	8138'		BONE SPRING	5490'
BONE SPRING	8138'	8830'			

32. Additional remarks (include plugging procedure):

A SEE ATTACHED WELLBORE DIAGRAM FOR WELLBORE DETAILS.

Bureau of Land Management
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B WELL PRODUCED WATER FROM 08/07/08 TO 12/15/08 WHEN IT WAS SI FOR ENGINEERING EVALUATION. THE WELL WAS ENTERED IN SEPTEMBER OF 2010 AT WHICH TIME THE BONE SPRING SECOND CARBONATE HORIZONTAL LATERAL WAS TREATED WITH 8000 GALS ACID VIA COILED TUBING. THE WELL IS CURRENTLY PUMPING VIA BEAM PUMP.

JAN 14 2011

Carlsbad Field Office
Carlsbad, N.M.

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: WELLBORE DIAGRAM

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)* D. PATRICK DARDEN, P.E. Title SENIOR ENGINEER

Signature P. Patrick Darden Date 01/12/2011

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.

(Continued on page 3)

LEGACY RESERVES

TAMANO UNIT #403H

FIELD:	TAMANO	GL:	3,753'	DATE:	1/05/2011
LEASE:	TAMANO BSSC UNIT	KB:	3,764'	BY:	DP Darden
COUNTY:	Eddy	SPUD DATE:	10-15-85	WELL:	**403H**
STATE:	NEW MEXICO	API No:	3001525399		

LOCATION: 660' FNL & 1980' FWL SECTION 11 T18S R31E