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Form 3160-4
(August 2007)

FEB 11 2011

UNITED STATES

OPERATOR'S COPY

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: <u>Drilled horiz lateral out of existing WB</u>						5. Lease Serial No. NMLC-029388D			
2. Name of Operator LEGACY RESERVES OPERATING LP						6. If Indian, Allottee or Tribe Name			
3. Address P.O. BOX 10848 MIDLAND, TX 79702						7. Unit or CA Agreement Name and No. NMNM-85311X			
3a. Phone No. (include area code) 432-689-5200						8. Lease Name and Well No. TAMANO (BSSC) UNIT #403			
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 At top prod. interval reported below At total depth UNIT LETTER E, SEC 11, T18S, R31E, 2450' FNL & 1250' FWL						9. API Well No. 30-015-25399			
14. Date Spudded 06/22/2008						15. Date T.D. Reached 07/15/2008			
16. Date Completed 08/06/2008 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	Perforated Interval	Size	No. Holes	Perf. Status			
A) BONE SPRING	7914' TVD	8144' TVD	OH LAT: 7914'-9933' MD	4-3/4" OH	NA	NA			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
8260'-9000' MD	8000 GALS 20% HCL DIVERT S 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
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	
			→						

*(See instructions and spaces for additional data on page 2)

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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 GRAYBURG	3340' 3795'	3795' 4320'		QUEEN GRAYBURG	3340' 3795'
SAN ANDRES BONE SPRING	4320' 4530'	5490' 6138'		SAN ANDRES BONE SPRING	4320' 5490'
BONE SPRING	4138'	6030'			

32. Additional remarks (include plugging procedure):

A SEE ATTACHED WELLBORE DIAGRAM FOR WELLBORE DETAILS.

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 GARDEN, P.E.

Title SENIOR ENGINEER

Signature D. Patrick Garden

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.

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(Form 3160-4, page 2)



TAMANO UNIT #403H

FIELD: TAMANO
LEASE: TAMANO BSSC UNIT
COUNTY: Eddy
STATE: NEW MEXICO

GL: 3,753'
KB: 3,764'
SPUD DATE: 10-15-85
API No: 3001525399

DATE: 1/05/2011
BY: DP Darden
WELL: 403H

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

