

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM84652

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
HAMON FED COM SWD 1

9. API Well No.
30-025-30848

10. Field and Pool or Exploratory
QUAIL RIDGE; ATOKA

11. Sec., T., R., M., on Block and
Survey or Area
SEC 7, T20S, R34E

12. County or Parish
LEA COUNTY

13. State
NM

1a. Type of Well: Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.,
Other: SWD

2. Name of Operator
LEGACY RESEVES OPERATING LP

3. Address
PO BOX 10848, MIDLAND, TX 79702

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 660 FNL & 1980 FEL
At top prod. interval reported below 660 FNL & 1980 FEL
At total depth 660 FNL & 1980 FEL

14. Date Spudded 04/28/1990

15. Date T.D. Reached 08/08/1990

16. Date Completed 04/22/2016
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
GL: 3610'

18. Total Depth: MD 13,700'
TVD 13,700'

19. Plug Back T.D.: MD 13,140'
TVD 13,140'

20. Depth Bridge Plug Set:
MD 13,170'
TVD 13,170'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
ONLY NEW LOG RUN-CBL-SUBMITTAL VIA E-MAIL

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
17.500	13.375	48.0	0	418		450			
11.000	8.625			5209		1715		3370	
7.875	5.500	17.0		13700		550		8850	

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"	8075'	8075'	2 7/8"x5 1/2"					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ATOKA	12,524'	12,529'	12,524'-12,529'	4.000	20	CLOSED
B) MORROW			13,222'-13,229'	2.000	14	CLOSED
C)			13,252'-13,352'	2.000	70	CLOSED
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
13,170' TO 13,352'	SET CIBP @ 13,170' w/30' CEMENT ON TOP
12,416'	SET CIBP @ 12,416' w/25 SX CLASS H NEAT ON TOP TAGGED TOC @ 12,185'
10,888'	SET CR @ 10,888' & SQZ PERFS 10,950' w/40 SX CLASS H NEAT. LEFT 5 SX ON TOP TAG TOC 9,656'
9,600	SET BALANCED PLUG 9,356-9,656 TAG TOC 9,356'

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

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
08/03/90	08/13/90	24	→	475	7789	91	51.8	0.67	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18	2525	2460	→	475	7789	91	16,400	FLOWING	

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
8/22/08	8/22/08	24	→	63	43	0	42	0.85	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	63	43	0	683	PRODUCING	

*(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
MORROW	13,222	13,533			
ATOKA	12,524	12,529			
WOLFCAMP	10,517				
Bone Springs	8,350				
Brushy Canyon	8,140	8,350			
DELAWARE	5,496				
YATES	3,680				

32. Additional remarks (include plugging procedure):

Item 27 Continued:

8750' SET CR @ 8,677' & SQZ'D CMT TO SURFACE W/NITROGEN AHEAD, 725 SX CLASS H, 12.5# & 530 SX CLASS H, 16.4# CMT. TAG @ 8,824'. Set balanced plug 8,117'-8,824' w/70 sx Class H Neat.
 8,824' Tag @ 8,117', witnessed by BLM. Drilled out to 8,312' approved by BLM, as 50' above top of Bone Springs.
 8,140' Perforated injection interval 8,140'-8,183', 8,198'-8,210', 8,232'-8,237' 2 JSPF

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) STEVE OWEN Title SENIOR ENGINEERING ADVISOR
 Signature _____ Date 06/22/2016

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.