

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD HOBBS OCD

FEB 06 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.
NMLC063798

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
RED HILLS AGI 1

9. API Well No.
30-025-40448

10. Field and Pool, or Exploratory
EXPLORATORY CHERRY CANYON

11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T24S R33E Mer

12. County or Parish
LEA

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3593 KB

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
LUCID ENERGY DELAWARE, LLC E-Mail: jsmith@geolex.com

Contact: JARED R SMITH

3. Address 3100 MCKINNON STREET, # 800
DALLAS, TX 75201

3a. Phone No. (include area code)
Ph: 505-842-8000

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NESE 1600FSL 150FEL 32.214586 N Lat, 103.517520 W Lon
At top prod interval reported below NESE 1600FSL 150FEL 32.214586 N Lat, 103.517520 W Lon
At total depth NESE 1600FSL 150FEL 32.214586 N Lat, 103.517520 W Lon

14. Date Spudded
10/23/2013

15. Date T.D. Reached
11/06/2013

16. Date Completed
 D & A Ready to Prod.
01/12/2018

18. Total Depth: MD 6650
TVD 6650

19. Plug Back T.D.: MD 6635
TVD 6635

20. Depth Bridge Plug Set: MD
TVD

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 H40	106.5	0	40		208	50	0	
17.500	13.375 H40	48.0	0	1372		1000	339	0	
12.250	9.625 J55/HCK	40.0	0	5346		1460	504	0	
8.750	7.000 L80/G3	26.0	0	6650	5539	840	250	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	6161	6187						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHERRY CANYON	6226	6650	6230 TO 6583	0.460	1458	6 SPF @ 60 DEG. NO MISFIRES.
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6230 TO 6583	ACIDIZED WELL WITH 378 BBLs OF 15% HCL

ACCEPTED FOR RECORD

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
			→						PK Swarth 01/24/2018
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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	
			→						

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #401801 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

MJB/OCD
2/7/2018

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.)

UNKNOWN

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
BELL CANYON CHERRY CANYON	5246 6226	6226 6650	NON-POROUS CAPROCK. LOG & CORE CORED, LOGGED, SAMPLED, SRT	DOCKUM RUSTLER SALADO CASTILE DELAWARE BELL CANYON CHERRY CANYON	451 1257 1806 3457 5205 5246 6226

32. Additional remarks (include plugging procedure):

The Red Hills AGI #1 will be used for acid gas injection, therefore many of the questions and data requests herein are not applicable.

All of the open-hole and cased-hole electric logs for the surface and intermediate casing were submitted with the appropriate Form 3160-5. Hard copies of the production open-hole and cased-hole logs (CBL, USIT, GR/Caliper, RES, POR) will be sent to the BLMs Carlsbad Office, because their file sizes are too large to attach to this submittal. Hard copies of all logs for all casing strings will be mailed to the BLMs Carlsbad office.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #401801 Verified by the BLM Well Information System.
For LUCID ENERGY DELAWARE, LLC, sent to the Hobbs
Committed to AFMSS for processing by PAUL SWARTZ on 01/24/2018 ()

Name (please print) JARED R SMITH Title CONSULTANT TO LUCID ENERGY

Signature _____ (Electronic Submission) Date 01/22/2018

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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Additional data for transaction #401801 that would not fit on the form

32. Additional remarks, continued

The final well directional survey, core report, and completed well schematic are attached.