

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

5. Lease Serial No.  
NMLC0637981a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other: INJ  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

Contact: JARED R SMITH

8. Lease Name and Well No.  
RED HILLS AGI 13. Address 3100 MCKINNON STREET, # 800  
DALLAS, TX 752013a. Phone No. (include area code)  
Ph: 505-842-80009. API Well No.  
30-025-40448

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

10. Field and Pool, or Exploratory  
EXPLORATORY CHERRY CANYON11. Sec., T., R., M., or Block and Survey  
or Area Sec 13 T24S R33E Mer12. County or Parish  
LEA13. State  
NM14. Date Spudded  
10/23/201315. Date T.D. Reached  
11/06/201316. Date Completed  
☐ D & A ☐ Ready to Prod.  
01/12/201817. Elevations (DF, KB, RT, GL)\*  
3593 KB18. Total Depth: MD 6650  
TVD 665019. Plug Back T.D.: MD 6635  
TVD 663520. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
SEE ADDITIONAL REMARKS22. Was well cored? ☐ No ☒ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & 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

26. Perforation Record

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
			→						PH Swab 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 \*\*

MSB/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.