

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD

DEC 10 2018

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing

Other: _____

2. Name of Operator **RAW Oil & Gas, Inc**

3. Address **1415 Buddy Holly Ave, Lubbock, TX 79401** 3a. Phone No. (Include area code) **806-741-7766**

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

At surface **1700' FSL & 660' FWL**

At top prod. interval reported below **1700' FSL & 660' FWL**

At total depth **1700' FSL & 660' FWL**

14. Date Spudded **2/17/18** 15. Date T.D. Reached **2/25/18** 16. Date Completed **4/25/18**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **3964 GL**

18. Total Depth: MD **5225'** TVD **5225'** 19. Plug Back T.D. MD **5165'** TVD **5165'** 20. Depth Bridge Plug Set: MD **NA** TVD **NA**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **GR/BHC/CNL/DU/LDT**

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	11/5-55	24	Surface	2360	-	1190"C"	341	CIR	0
7.875	5.5/5-55	15.5	Surface	5225	-	970"C"	294	CIV	0

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8	5127	-						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) San Andres			4940-5020	0.625	80	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org
4940-5020	Acidized with 16,000 gallon 20% NEFE HCl Acid

28. Production - Interval A

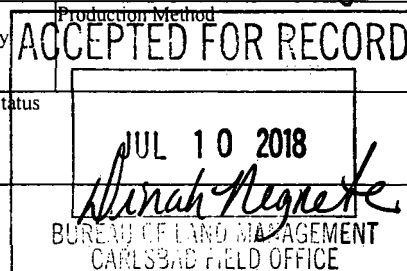
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/25/18	5/1/18	24	→	47	43	39	35	0.89	Insert Rod Pump - 1.5"
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
-	400	40	→	47	43	39	915	Active/Producing	

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)

Reclamation Due: 10/25/2018



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

Sold to Targa

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

See Below

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
<i>San Andres</i>	<i>4908</i>	<i>5225</i>	<i>Dolomite (No DST's or Caves)</i>	<i>Rustler Salt Yates Grayburg San Andres (upper) San Andres (lower)</i>	<i>1640 2430 3075 3950 4908 5102</i>

32. Additional remarks (include plugging procedure).

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) *Joe D. Hardin* Title *President*
 Signature *Joe D. Hardin* Date *5/1/2018*

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.