

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCU

DEC 10 2018

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM 016 269

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
320526

8. Lease Name and Well No.
McDonnell Federal #3

9. API Well No.
30-025-44306

10. Field and Pool or Exploratory
Saura (San Andres)

11. Sec., T.R., M., on Block and Survey or Area
T9-S, R38E, N4P

12. County or Parish
Lea

13. State
NM

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

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
1915 Buddy Holly Ave, Lubbock, TX 79401

3a. Phone No. (Include area code)
806-731-7766

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.

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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	11.5/5-55	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	
			→						

ACCEPTED FOR RECORD
JUL 10 2018
Mirah Regreke
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(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
San Andres	4908	5225	Dolomite (No DST's or Cores)	Rustler Salt Yates Grayburg San Andres (upper) San Andres (lower)	1640 2430 3075 3950 4908 5102

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.