

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. NMMN0557256

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. ELLIOTT EM 20 FEDERAL 3

9. API Well No. 30-025-41443-00-S1

10. Field and Pool, or Exploratory WANTZ

11. Sec., T., R., M., or Block and Survey or Area Sec 20 T22S R37E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 09/01/2014 15. Date T.D. Reached 09/08/2014 16. Date Completed 10/14/2014  D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* 3390 GL

18. Total Depth: MD 7500 TVD 19. Plug Back T.D.: MD 7210 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL DLL DIGITALACCOUSTI 22. 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	8.625 J55	24.0	0	1195		425		971	
7.875	5.500 L80	17.0	0	7500		585		1338	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		7166						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ABO	6666	7304	6666 TO 7304	1.000	83	Prod (ABO)
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6666 TO 7304	14,524 GAL 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
10/14/2014	10/18/2014	24	→	151.0	259.0	314.0	38.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	151	259	314	1715	POW	

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 reverse side)  
ELECTRONIC SUBMISSION #278666 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

ACCEPTED FOR RECORD

NOV 19 2014

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Reclamation Date: 4/14/2015

DEC 03 2014

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.)  
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
RUSTLER	1132	2467	LIMESTONE & SALT; WATER	RUSTLER	1132
TANSILL	2467	2671	DOLOMITE; OIL/GAS/WATER	TANSILL	2467
YATES	2671	2868	SANDSTONE; OIL/GAS/WATER	YATES	2671
SEVEN RIVERS	2868	3454	SALT & DOLOMITE; OIL/GAS/WATER	SEVEN RIVERS	2868
QUEEN	3454	3564	DOLOMITE; OIL/GAS/WATER	QUEEN	3454
PENROSE	3564	3761	SILT	PENROSE	3564
GRAYBURG	3761	4065	SANDSTONE & LIMESTONE; O/G/WTR	GRAYBURG	3761
SAN ANDRES	4065	5069	DOLOMITE; OIL/GAS/WATER	SAN ANDRES	4065

32. Additional remarks (include plugging procedure):

Glorieta 5069 5214 Dolomite; Oil/Gas/Water Glorieta 5069  
 GLorieta Lwr 5214 5495 Limestone; Oil/Gas/Water Paddock 5214  
 Yeso Dr Upr 5495 5952 Limestone; Oil/Gas/Water Blinebry 5495  
 Yeso Dr Mid 5952 6394 Limestone & Dolomite; O/G/W Tubb 5952  
 Yeso Dr Lwr 6394 6606 Limestone & Dolomite; O/G/W Drinkard 6394  
 Abo 6606 - Limestone; Oil/Gas/Water Abo 6606

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 #278666 Verified by the BLM Well Information System.  
 For APACHE CORPORATION, sent to the Hobbs  
 Committed to AFMSS for processing by LINDA JIMENEZ on 11/18/2014 (15LJ0301SE)

Name (please print) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 11/12/2014

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.

**\*\* REVISED \*\* REVISED \*\***