

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date Plug Back / 4/26/2018
⁴ API Number 30-025-41444	⁵ Pool Name Drinkard	⁶ Pool Code 19190
⁷ Property Code 40164	⁸ Property Name Elliott EM 20 Federal	⁹ Well Number 004

II. ¹⁰Surface Location

UL or lot no. F	Section 20	Township 22S	Range 37E	Lot Idn	Feet from the 2310	North/South Line North	Feet from the 2310	East/West line West	County Lea
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/26/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
24650	TARGA Midstream Services LP 1000 Louisiana Suite 4700 Houston TX 77000-5050	G
33479	HollyFrontier Refining & Marketing LLC	O

IV. Well Completion Data

²¹ Spud Date 9/11/2014	²² Ready Date 4/26/2018	²³ TD 7524'	²⁴ PBDT 6622'	²⁵ Perforations 6424'-6611'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
11"	8-5/8"	1205'	425 sx Class C		
7-7/8"	5-1/2"	7524'	1860 sx Class C		
Tubing	2-7/8"	6576'	CIBP w/TOC @ 6622'		

V. Well Test Data

³¹ Date New Oil 4/26/2018	³² Gas Delivery Date 4/26/2018	³³ Test Date 4/30/2018	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 8	³⁹ Water 80	⁴⁰ Gas 80		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Reesa Fisher

Printed name:
Reesa Fisher

Title:
Sr Staff Reg Analyst

E-mail Address:
Reesa.Fisher@apachecorp.com

Date:
5/2/2018

Phone:
432-818-1062

OIL CONSERVATION DIVISION

Approved by:

Karen Sharp

Title:

Staff Mgr

Approval Date:

5-11-18

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM0557256

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
ELLIOTT EM 20 FEDERAL 49. API Well No.
30-025-4144410. Field and Pool or Exploratory Area
DRINKARD11. County or Parish, State
LEA COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1062

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T22S R37E SENW 2310FNL 2310FWL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Apache recompleted this well to the Drinkard formation, as follows:

4/05/2018 MIRUSU MIRURU DO Cmt Cmt & CIBP must have fallen down csg.
4/06/2018 Csg tested good to 5000#.
4/09/2018 RIH & set CIBP @ 6657'; L&T csg to 5000#, test good.
Perf Drinkard 6424'-6500' w/1 SPF, total 13 shots
6509'-6611' w/2 SPF, total 18 shots
RIH w/bailer, dump bail 1.5 sx cmt on CIBP.
4/10/2018 Flow back, swab, NU Frac Valve
4/11/2018 Frac Drinkard w/1890 gal BFrac 35 pad; 90,000# 20/40 white sand;
29,156# 20/40 Super LC resin coated sand, screened out.
Flush w/1974 gal 35# gel.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #413213 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Hobbs

Name (Printed/Typed) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/02/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Pending BLM approvals will
subsequently be reviewed
and scanned

Agency of the United

(Instructions on page 2)

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

Additional data for EC transaction #413213 that would not fit on the form

32. Additional remarks, continued

4/12/2018 CO well to 5640', circ clean.

4/16/2018 Cont to CO well to 6637', circ clean.

4/17/2018 Tag fill @ 6585'. SD due to high wind.

4/18/2018 RIH w/tbg bailer, bail to 6637'. Found cmt & what appeared to be top of CIBP. Decision made to DO CIBP & re-set another one w/cmt on WL.

4/19/2018 DO CIBP Tag CIBP @ 6575', 25' higher than yesterday; able to push CIBP to 6785' by drilling on CIBP. RIH w/junk basket & tag @ 6785'. RIH & set CIBP @ 6654' - tag to make sure it set. Dump 2 sx cmt w/bailer on CIBP.

RIH w/prod tbg, 2-7/8" L-80, EOT @ 6576'.

4/23/2018 Tag TOC @ 6622'. Tbg tested good to 500#.

4/24/2018 RIH w/pump & rods. Had to POOH due to pump not pumping.

4/25/2018 RIH w/prod equip: tbg to 6581', TAC @ 6285', SN @ 6576'. Tbg tested good again to 500#.

4/26/2018 RWTP

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

MAY 08 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM0557256		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator APACHE CORPORATION			8. Lease Name and Well No. ELLIOTT EM 20 FEDERAL 4		
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705			9. API Well No. 30-025-41444		
3a. Phone No. (include area code) Ph: 432-818-1062			10. Field and Pool, or Exploratory DRINKARD		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENW 2310FNL 2310FWL At top prod interval reported below SENW 2310FNL 2310FWL At total depth SENW 2310FNL 2310FWL			11. Sec., T., R., M., or Block and Survey or Area Sec 20 T22S R37E Mer		
14. Date Spudded 09/11/2014			15. Date T.D. Reached 09/18/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/26/2018			17. Elevations (DF, KB, RT, GL)* 3382 GL		
18. Total Depth: MD TVD 7524		19. Plug Back T.D.: MD TVD 6622		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 J-55	24.0	0	1205		425		0	
7.875	5.500 L-80	17.0	0	7524		1860		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)
2.875	6576							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DRINKARD	6399	6617	6424 TO 6611		31	PRODUCING
B) ABO	6617	7295	6707 TO 7295		77	CIBP W/TOC @ 6622
C)						
D)						

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

Depth Interval	Amount and Type of Material
6424 TO 6611	1890 GAL 35 PAD; 119,156# SAND; 1974 GAL GEL

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
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	

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

ELECTRONIC SUBMISSION #413212 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will subsequently be reviewed and scanned

OPERATOR-SUBMITTED **

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
RUSTLER	1131	2466	LIMESTONE, SALT W	RUSTLER	1131
TANSILL	2466	2675	DOLOMITE O/G/W	TANSILL	2466
YATES	2675	2868	SANDSTONE O/G/W	YATES	2675
SEVEN RIVERS	2868	3468	SALT, DOLOMITE O/G/W	SEVEN RIVERS	2868
QUEEN	3468	3570	DOLOMITE O/G/W	QUEEN	3468
PENROSE	3570	3759	SILT	PENROSE	3570
GRAYBURG	3759	4055	SANDSTONE, LIMESTONE O/G/W	GRAYBURG	3759
SAN ANDRES	4055	5057	DOLOMITE O/G/W	SAN ANDRES	4055

32. Additional remarks (include plugging procedure):

GLORIETA 5057 5121 DOLOMITE O/G/W GLORIETA 5057
 PADDOCK 5121 5499 LIMESTONE O/G/W PADDOCK 5121
 BLINEBRY 5499 5961 LIMESTONE O/G/W BLINEBRY 5499
 TUBB 5961 6399 LIMESTONE/DOLO O/G/W TUBB 5961
 DRINKARD 6399 6617 LIMESTONE/DOLO O/G/W DRINKARD 6399
 ABO 6617 LIMESTONE O/G/W ABO 6617

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 #413212 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Hobbs**

Name (please print) REESA FISHER Title SR STAFF REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 05/02/2018

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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