

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 NW 08/03/15
⁴ API Number 30-015-42631	⁵ Pool Name FREN; GLORIETA-YESO	⁶ Pool Code [26770]
⁷ Property Code [313695]	⁸ Property Name HUMMINGBIRD FEDERAL COM	⁹ Well Number #001H

II. ¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	1	17S	31E		1650	SOUTH	100	WEST	EDDY

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
I	1	17S	31E		1664	SOUTH	332	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08/03/15	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
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
NM OIL CONSERVATION ARTESIA DISTRICT AUG 17 2015 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 03/26/15	²² Ready Date 08/03/15	²³ TD 10,174 5540	²⁴ PBSD 10,174	²⁵ Perforations 5861-10,147'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	800'	700 sx Class C		
12.25	9.625	3750'	1450 sx Class C		
8.5	7	10,174	550 sx Class C		
Tubing	2.875	5342			

V. Well Test Data

³¹ Date New Oil 08/03/15	³² Gas Delivery Date 08/03/15	³³ Test Date 08/08/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 412	³⁹ Water 1648	⁴⁰ Gas 763		⁴¹ Test Method F

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: *Emily Follis*

Printed name:
Emily Follis

Title:
Reg Analyst

E-mail Address:
emily.follis@apachecorp.com

Date:
08/12/2015

Phone:
432-818-1801

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned *DS*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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.
NMNM034696

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
HUMMINGBIRD FEDERAL COM 1H2. Name of Operator
APACHE CORPORATIONContact: EMILY FOLLIS
E-Mail: Emily.follis@apachecorp.com9. API Well No.
30-015-426313a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 797073b. Phone No. (include area code)
Ph: 432-818-180110. Field and Pool, or Exploratory
FREN;GLORIETA-YESO

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

Sec 1 T17S R31E NWSW 1650FSL 100FWL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 Completed this well, as follows: (RR 04/08/15)

04/30/15 LOG WELL TO SURFACE, TOC @ 167' FROM SURF. PREP TO FRAC AT LATER DATE
05/15/15 MIRU,RIH W/BIT
05/18/15 DO DV TOOL, POOH W/BIT, RIH W/MILL, MO DEBRIS SUB
05/19/15 POH,LD TBG,RDMO
06/26 - 06/28/15 RU FRAC STACK,CHECK APACHE PIT,FILL ACID TANKS W/FW, TREAD TANKS UNLOAD
ACID,UNLOAD ACID,PRE-FILL,RU FRAC & OTHER EQUIPMENT
06/29 - 06/30/15 FRAC 5831-10,147' (TD 10,174')
PACKERS @ 5831,6125,6422,6720,7017,7315,7613,7910,8207,8496,8793,9091,9389,9641,9893
(15 STAGES)
TOTAL ACID 2866 BBL

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

**Electronic Submission #312481 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/12/2015


THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title _____

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.

Office _____

Pending BLM approvals will
subsequently be reviewed
and scanned 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
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United States

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

Additional data for EC transaction #312481 that would not fit on the form

32. Additional remarks, continued

TOTAL SAND 2,999,057#

07/01/15 RDMO FRAC SLEEVE COMPLETE & OTHER SEVICES

07/11/15 MILL OUT FRAC SLEEVE

07/12/15 BREAKING CIRC

07/13/15 FOUND WELL @ 0# POOH W/TBG 7 MILL MIRU RENEGADE WL PU RIH W/ GR/CCL LOG.LOG FROM 10,174 -

5722' POOH W/ GR/CCL RDMO WL. SI SD SDFN

07/14/15 RIH W/ESP & TBG, 2-7/8" J-55 TBG EOT @ 5342, INTAKE @ 4964' RDMOSU & RU SI SDFN.

WAITING ON FACILITY TO BE BUILT FOR FIRST FLOW.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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. NMNM034696
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. HUMMINGBIRD FEDERAL COM 1H
9. API Well No. 30-015-42631
10. Field and Pool, or Exploratory FREN;GLORIETA-YESO(26770)
11. County or Parish, and State EDDY COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator APACHE CORPORATION	
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com	
3a. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79707	3b. Phone No. (include area code) Ph: 432-818-1801
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T17S R31E NWSW 1650FSL 100FWL	

12. CHECK 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recombine
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Production Start-up

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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 COMPLETED THE WORK AS FOLLOWS:

FIRST FLOWS 08/03/15

APACHE EMAILED DEBRA HAM & DINAH NEGRETE VIA EMAIL WITH THE FIRST FLOW INFORMATION ON 08/11/15
OPERATOR - APACHE CORPORATION
LOCATION - CEDAR LAKE - EDDY COUNTY NM
FIRST FLOW - 08/03/15
OIL - 210 BBL/ WATER - 1650 BPD / GAS - (8/8TH) MCF/D 529
PROD/METH - ESP

PIPELINE/PURCHASER

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 17 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #312367 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) EMILY FOLLIS	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/11/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE

Approved By _____	Title _____
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.	Office _____

Pending BLM approvals will
subsequently be reviewed
and scanned *JD*

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.

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

Additional data for EC transaction #312367 that would not fit on the form

32. Additional remarks, continued

GAS - FRONTIER METER #6,155,013
OIL - HOLLY - COMMON TANK BATTERY - YES
WATER - TRANSFER - LOCO HILLS DISPOSAL

SYSTEM - HUMMINGBIRD FED COM 1-H

ALSO A C104 WERE PREPARED ON 08/10/10 FOR TRANSPORT AND SENT TO KAREN SHARP W/OCD VIA EMAIL - KAREN
AUTHORIZED/APPROVED TO TRANSPORT PRODUCT DURING THE MONTH OF AUGUST

AUG 17 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM034696

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
HUMINGBIRD FEDERAL COM 1H

9. API Well No.
30-015-42631

10. Field and Pool, or Exploratory
FREN;GLORIETA-YESO(26770)

11. Sec., T., R., M., or Block and Survey
or Area Sec 1 T17S R31E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
4002 GL

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
APACHE CORPORATION

Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

3. Address 303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79707

3a. Phone No. (include area code)
Ph: 432-818-1801

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

At surface NWSW Lot L 1650FSL 100FEL

At top prod interval reported below NESE Lot I 1664FSL 332FEL

At total depth NESE Lot I 1664FSL 332FEL

14. Date Spudded
03/26/2015

15. Date T.D. Reached
04/07/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/08/2015

18. Total Depth: MD
TVD 10174

19. Plug Back T.D.: MD
TVD 10174

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNGR/SBGRCL

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
17.500	13.375 H40	48.0	0	800		700			
12.250	9.625 J55	40.0	0	3750		1450			
8.500	7.000 L80	29.0	0	5085		550			

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	5342							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5286		3500 TO 5831			OPEN HOLE ISOLATED/NON-FRA
B)			5831 TO 10147			OPEN HOLE -PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
5831 TO 10147	TOTAL ACID 2,866 BBL, TOTAL SAND #2,999,057

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
08/03/2015	08/08/2015	24	→	412.0	763.0	1648.0	37.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→				1852	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
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI			→					

Pending BLM approvals will
subsequently be reviewed
and scanned *AD*

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

ELECTRONIC SUBMISSION #312493 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** 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.)
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	742	901	ANHYDRITE, DOLOMITE W	RUSTLER	742
SALADO	901	1935	ANHYDRITE, DOLOMITE W	SALADO	901
TANSIL	1935	2104	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1935
YATES	2104	2394	SANDSTONE O/G/W	YATES	2104
SEVEN RIVERS	2394	3018	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	2394
QUEEN	3018	3442	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	3018
GRAYBURG	3442	3731	DOLOMITE, LIMESTONE, SS O/G/W	GRAYBURG	3442
SAN ANDRES	3731	5224	DOLOMITE, LIMESTONE, SS O/G/W	SAN ANDRES	3731

32. Additional remarks (include plugging procedure):
GLORIETA - 5224 - 5286 - SANDSTONE O/G/W
PADDOCK - 5286 - TD DOLOMITE O/G/W

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 #312493 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/12/2015

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** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **