

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 / 9/5/2015
⁴ API Number 30-015-42907	⁵ Pool Name Cedar Lake; Glorieta-Yeso	⁶ Pool Code 96831
⁷ Property Code 308724	⁸ Property Name NFE Federal	⁹ Well Number 052H

II. ¹⁰ Surface Location

UL or lot no. A	Section 6	Township 17S	Range 31E	Lot Idn 1	Feet from the 485	North/South Line North	Feet from the 1025	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. A	Section 6	Township 17S	Range 31E	Lot Idn 4	Feet from the 483	North/South line North	Feet from the 332	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 9/5/2015	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
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
NM OIL CONSERVATION ARTESIA DISTRICT SEP 24 2015 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 04/25/2015	²² Ready Date 9/5/2015	²³ TD 8350'MD/4896'VD	²⁴ PBDT 8335'MD/4439'VE	²⁵ Perforations 5222'-8335'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	403'	470 sx Class C		
12-1/4"	9-5/8"	3513'	1450 sx Class C		
8-1/2"	7" & 5-1/2"	4439' / 8335'	500 sx Class C		
Tubing	2-7/8"	4677'			

V. Well Test Data

³¹ Date New Oil 9/5/2015	³² Gas Delivery Date 9/5/2015	³³ Test Date 9/14/2015	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 451	³⁹ Water 1689	⁴⁰ Gas 659		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: <i>Reesa Fisher</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i>	
Printed name: Reesa Fisher		Title: <i>[Signature]</i>	
Title: Sr Staff Reg Analyst		Approval Date: <i>9-24-15</i>	
E-mail Address: Reesa.Fisher@apachecorp.com		Pending BLM approvals will subsequently be reviewed and scanned <i>[Signature]</i>	
Date: 9/15/2015	Phone: 432-818-1062		

SEP 24 2015

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC029435B							
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input 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. NFE FEDERAL 52H							
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		9. API Well No. 30-015-42907							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE Lot 1 485FNL 1025FEL At top prod interval reported below NENE Lot 1 485FNL 1025FEL At total depth NENE Lot 6 483FNL 332FWL		10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO							
14. Date Spudded 04/25/2015		11. Sec., T., R., M., or Block and Survey or Area Sec 6 T17S R31E Mer							
15. Date T.D. Reached 05/06/2015		12. County or Parish EDDY COUNTY							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/05/2015		13. State NM							
17. Elevations (DF, KB, RT, GL)* 3767 GL									
18. Total Depth: MD TVD 8350 4896		19. Plug Back T.D.: MD TVD 8335 4439							
20. Depth Bridge Plug Set: MD TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNGGRCCL/RBGRCCCL		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 type="checkbox"/> No <input checked="" 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
17.500	13.375 H-40	48.0	0	403		470		0	
12.250	9.625 J-55	40.0	0	3513		1450		0	
8.500	7.000 L-80	29.0	0	4439		500		120	
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	4677								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) PADDOCK	4698		5222 TO 8335			OPEN HOLE-PRODUCING			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
5222 TO 8335	2025 BBLs ACID; 2,119,688# SAND								
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
09/05/2015	09/14/2015	24	→	451.0	659.0	1689.0	37.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1461	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. 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 #316556 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will
subsequently be reviewed
and scanned
WD

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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	381	514	ANHYDRITE, DOLOMITE W	RUSTLER	381
SALADO	514	1371	ANHYDRITE, DOLOMITE W	SALADO	514
TANSILL	1371	1529	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1371
YATES	1529	1801	SANDSTONE O/G/W	YATES	1529
SEVEN RIVERS	1801	2405	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	1801
QUEEN	2405	2821	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	2405
GRAYBURG	2821	3143	DOLOMITE, LIMESTONE, SS O/G/W	GRAYBURG	2821
SAN ANDRES	3143	4607	DOLOMITE, LIMESTONE, SS O/G/W	SAN ANDRES	3143

32. Additional remarks (include plugging procedure):
 GLORIETA 4607 4698 SANDSTONE O/G/W GLORIETA 4607
 PADDOCK 4698 TD DOLOMITE O/G/W PADDOCK 4698

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 #316556 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad

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

Signature (Electronic Submission) Date 09/15/2015

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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