

NM OIL CONSERVATION

ARTESIA DISTRICT

9004205a
JAN 04 2015

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029435B

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NM 134286

2. Name of Operator
APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No.
NFE FEEDAL COM 54 H

3. Address 303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

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

9. API Well No.
30-015-42909

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

At surface NWNW 420FNL 1025FEL

At top prod interval reported below NWNW 424FNL 331FWL

At total depth NWNW 424FNL 331FWL

10. Field and Pool, or Exploratory
CEDAR LAKE; GLORIEATA-YESO

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T17S R31E Mer

12. County or Parish
EDDY COUNTY

13. State
NM

14. Date Spudded
05/26/2015

15. Date T.D. Reached
06/08/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/10/2015

17. Elevations (DF, KB, RT, GL)*
3769 GL

18. Total Depth: MD
TVD 8647

19. Plug Back T.D.: MD
TVD 8647

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL-CBL-GR

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	400		470			
12.250	9.625 J55	40.0	0	3504		1450			
8.500	7.000 L80	29.0	0	4740		650			
8.50	5.50 L80	20.0	4740	8622	4730				

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	4969							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINBRY	5038		5563 TO 8595			5563-8595 OPEN HOLE-PRODUC
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5563 TO 8607	TOTAL SAND #2.087,800 TOTAL ACID 2038 BBL.

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
09/10/2015	09/15/2015	24	→	404.0	489.0	2458.0	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	
			→				121	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	
			→						

ACCEPTED FOR RECORD
DEC 30 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #316930 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 3/15/16

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	387	522	ANHYDRITE, DOLOMITE W	RUSTLER	387
SALADO	522	1378	ANHYDRITE, DOLOMITE W	SALADO	522
TANSIL	1378	1538	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1378
YATES	1538	1813	SANDSTONE O/G/W	YATES	1538
SEVEN RIVERS	1813	2417	SANDSTONE, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	1813
QUEEN	2417	2833	SANDSTONE, DOLO, LIMESTONE O/G/W	QUEEN	2417
GRAYBURG	2833	3153	DOLO, SANDSTONE, LIMESTONE O/G/W	GRAYBURG	2833
SAN ANDRES	3153	4598	DOLO, SANDSTONE, LIMESTONE O/G/W	SAN ANDRES	3153

32. Additional remarks (include plugging procedure):

GLORIETA 4598 4666 SANDSTONE O/G/W
PADDOCK 4666 5038 DOLOMITE O/G/W
BLINEBRY 5038 TD DOLOMITE O/G/W

33. Circle enclosed attachments:

- 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):

Electronic Submission #316930 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 11/19/2015 ()

Name (please print) EMILY FOLLISTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 09/18/2015

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.

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

Apache Corporation
303 Veterans Airpark Lane, #3000
Midland, TX 79705

NFE Federal #054H
Eddy County, New Mexico

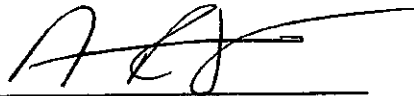
API# 30-015-42909
Sec. 6 T17S/R31E
420 FNL + 1025 FEL

240	2.40	0.75	1.31	3.15	3.15
358	1.18	1.00	1.75	2.07	5.22
572	2.14	0.80	1.40	3.00	8.21
788	2.16	0.50	0.88	1.89	10.10
1088	3.00	0.60	1.05	3.15	13.25
1344	2.56	0.80	1.40	3.58	16.84
1596	2.52	0.80	1.40	3.53	20.36
1865	2.69	0.30	0.53	1.41	21.78
2164	2.99	0.10	0.18	0.52	22.30
2380	2.16	0.20	0.35	0.76	23.05
2592	2.12	0.20	0.35	0.74	23.80
2928	3.36	0.30	0.53	1.76	25.56
3229	3.01	0.00	0.00	0.00	25.56
3357	1.28	0.20	0.35	0.45	26.01
3476	1.19	0.10	0.18	0.21	26.22
3550	0.74	0.30	0.53	0.39	26.61
3793	2.43	0.50	0.88	2.13	28.73
4050	2.57	0.30	0.53	1.35	30.08
4351	3.01	0.20	0.35	1.05	31.13
4694	3.43	0.80	1.40	4.80	35.94

NM OIL CONSERVATION
ARTESIA DISTRICT

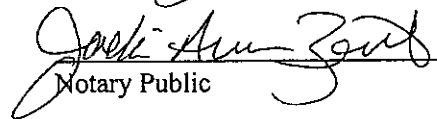
JAN 04 2015

RECEIVED



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 29th day of June, 2015 by
Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public

