Rec'd 7/20/2020 - NMOCD

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	NMNM60393		
1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Res	6. If Indian, Allottee or Tribe Name		
Other	7. Unit or CA Agreement Name and No.		
Name of Operator Contact: ALICIA FULTON APACHE CORPORATION E-Mail: Alicia.fulton@apachecorp.com	Lease Name and Well No. BLACK & TAN 27 FEDERAL COM 405		
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 3a. Phone No. (include area code) Ph: 432-818-1088	9. API Well No. 30-025-46124-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*	10. Field and Pool, or Exploratory WC-025 G-08 S203435D-WOLFCAMP		
At surface SWSE 215FSL 2072FEL 32.537437 N Lat, 103.546219 W Lon	11. Sec., T., R., M., or Block and Survey or Area Sec 27 T20S R34E Mer NMP		
At top prod interval reported below SWSE 215FSL 2072FEL	12. County or Parish 13. State		
At total depth NWNE 67FNL 1663FEL 14. Date Spudded 15. Date T.D. Reached 16. Date Completed	LEA NM 17. Elevations (DF, KB, RT, GL)*		
09/02/2019	d. 3715 GL		
TVD	20. Depth Bridge Plug Set: MD TVD		
Direction	ell cored? No Yes (Submit analysis) ST run? No Yes (Submit analysis) onal Survey? No Yes (Submit analysis)		
23. Casing and Liner Record (Report all strings set in well)			
Hole Size Size/Grade Wt. (#/ft.) Top Bottom Stage Cementer No. of Sks. & Type of Cement	Slurry Vol. (BBL) Cement Top* Amount Pulled		
17.500 13.375 J55 54.5 0 1679 1100	0 0		
12.250 9.625 L80 40.0 0 5690 2770 6.750 5.500 P-110 20.0 0 16400 1610	0 0		
8.750 7.625 HCL-80 29.7 5492 10865 395	0 0		
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	Sing Donal Set (MD) Produce Donal (MD)		
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2.875 10965 10965 0	Size Depth Set (MD) Packer Depth (MD)		
25. Producing Intervals 26. Perforation Record	1		
Formation Top Bottom Perforated Interval	Size No. Holes Perf. Status		
A) WOLFCAMP 11649 16232 11649 TO 16232	PRODUCING		
B)			
C) D)			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.			
Depth Interval Amount and Type of Ma			
11649 TO 16232 BLTR = 242,257 BBLS 100 MESH = 7,328,960 LBS 40/70 PROPPANT =	1,951,640 LBS		
28. Production - Interval A			
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Produced Date Tested Production BBL MCF BBL Corr. API Gravity	Production Method		
02/26/2020 03/27/2020 24 — 135.0 364.0 1464.0	GAS LIFT		
Size Flwg. Press. Rate BBL MCF BBL Ratio	Well Status POW		
28a. Production - Interval B	···		
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Produced Date Tested Production BBL MCF BBL Corr. API Gravity	Production Method		

	luction - Interv		_		,	,	_				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravi	ity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	fell 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 Gravi	ity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status		
SOLI					•	<u>'</u>	•	•			
Show tests,	nary of Porous all important a including deptle ecoveries.	zones of po	orosity and co	ontents there	eof: Cored is e tool open,	ntervals and flowing and	all drill-stem shut-in pressui	res	31. For	mation (Log) Marker	s
	Formation		Top	Bottom		Descriptio	ns, Contents, e	tc.		Name	Top Meas. Depth
	RIVERS RE PRING MP	_		dure):							
This	is to correct th	ne test da	tes								
33. Circle	e enclosed attac	hments:									
	ectrical/Mecha andry Notice fo	_	*	• /		 Geologic Core Ana 	-		DST Rep Other:	oort 4.	Directional Survey
	by certify that		Electr Committed t	onic Subm For	ission #509. · APACHE	333 Verified	by the BLM 'ATION, sent to the NEGRETE	Well Inforn o the Hobb	nation Sys s 2020 (20D	CN0036SE)	l instructions):
Signature (Electronic Submission) Date 04/01/2020											
-											

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 fradulent statements or representations as to any matter within its jurisdiction.

Revisions to Operator-Submitted EC Data for Well Completion #509333

Operator Submitted

BLM Revised (AFMSS)

Lease:

NMNM60393

NMNM60393

Agreement:

Operator: APACHE CORPORATION

303 VETERANS AIRPARK LANE MIDLAND, TX 79705

Ph: 432-818-1000

Admin Contact: ALICIA FULTON

SR REGULATORY ANALYST E-Mail: Alicia.fulton@apachecorp.com

Ph: 432-818-1088

Tech Contact:

ALICIA FULTON SR REGULATORY ANALYST E-Mail: Alicia.fulton@apachecorp.com

Ph: 432-818-1088

BLACK & TAN 27 FEDERAL COM Well Name:

Number:

Location:

NM State: County:

LEA Sec 27 T20S R34E Mer S/T/R:

Surf Loc: 215FSL 2072FEL

Field/Pool: WC-025 G-08 S203435D;WOLF

Logs Run:

Producing Intervals - Formations:

WOLFCAMP

Porous Zones: RUSTLER

SALADO TANSILL YATES

SEVEN RIVERS DELAWARE BONESPRING WOLFCAMP

Markers:

APACHE CORPORATION

303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705

Ph: 432.818.1000

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BLACK & TAN 27 FEDERAL COM

NM LEA

Sec 27 T20S R34E Mer NMP

SWSE 215FSL 2072FEL 32.537437 N Lat, 103.546219 W Lon

WC-025 G-08 S203435D-WOLFCAMP

3715 GL

WOLFCAMP

RUSTLER SALADO TANSILL YATES

SEVEN RIVERS DELAWARE BONE SPRING WOLFCAMP