

News from the **Oklahoma Corporation Commission**

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November 3, 2016

A D V I S O R Y - P A W N E E

The Oil and Gas Division (OGCD) of the Oklahoma Corporation Commission (OCC) is implementing an action in response to the 4.3 (OGS) magnitude earthquake in the Pawnee area. The action plan was developed in conjunction with the Oklahoma Geological Survey (OGS) and the Environmental Protection Agency (EPA).

The plan covers a total of 38 Arbuckle disposal wells under Corporation Commission jurisdiction and 26 Arbuckle disposal wells under sole EPA jurisdiction. However, a number of those wells have already been shut down under the directive issued on September 3, 2016 after the 5.8 earthquake. Here is a summary for those wells under OCC jurisdiction:

- There are 3 areas in the plan, at 6, 10, and 15 miles from the location of the 4.3 earthquake.
- 6 miles – all Arbuckle disposal well operations in the area must cease.
- 10 miles – all Arbuckle disposal wells must reduce volume by 25 percent of their last 30 day average.
- 15 miles – all Arbuckle disposal wells in the area are limited in volume to their last 30 day average.
- 15 of the Arbuckle disposal wells included in the latest directive have already been shut in by the September 3, 2016 directive.

Those wells that will have to take new action:

- 4 new Arbuckle disposal wells will be shut-in under the new directive.
- 10 Arbuckle disposal wells will be reduced 25 percent in volume
- 8 Arbuckle disposal wells will be limited in volume to their last 30 day average
- The deadline for compliance is November 10.

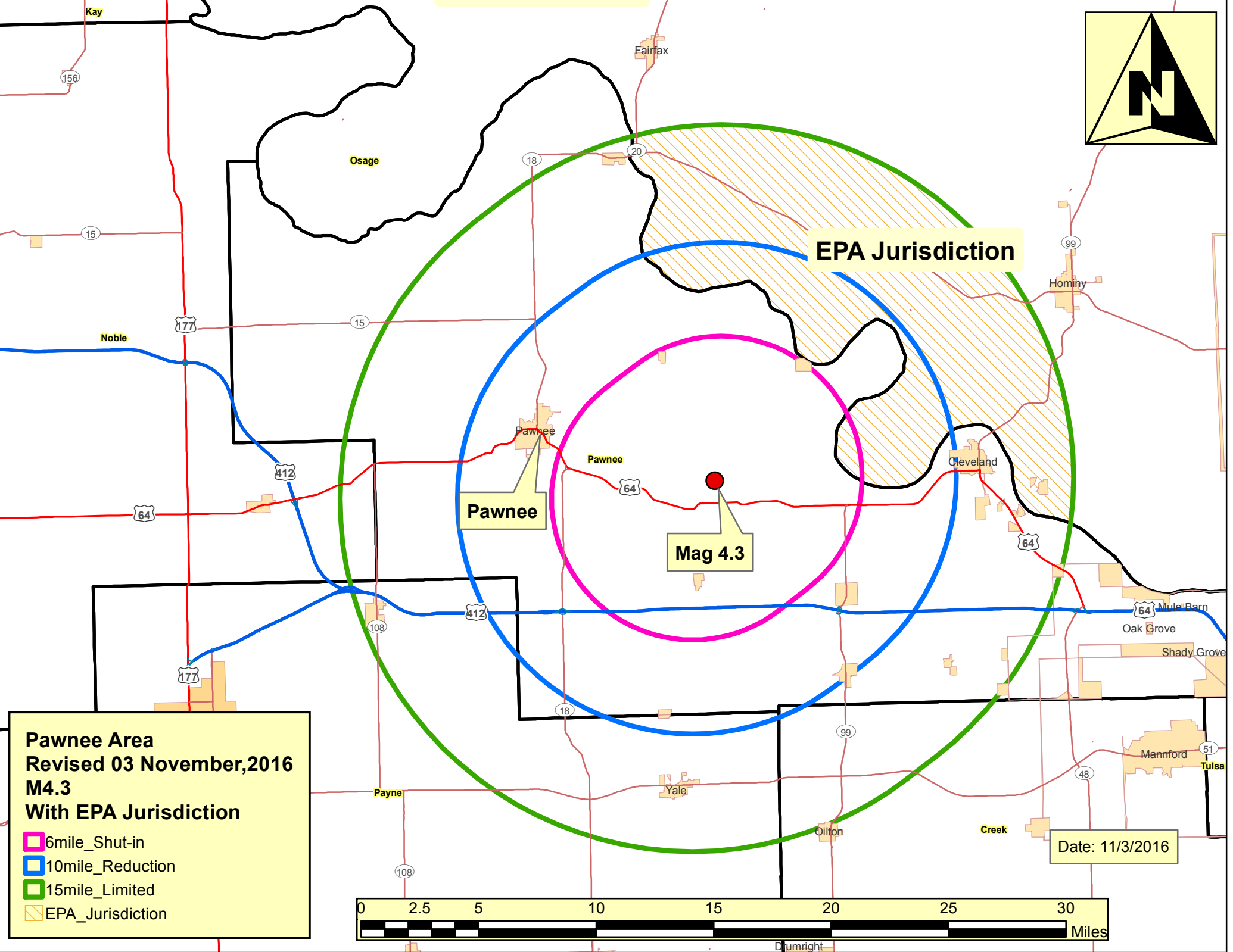
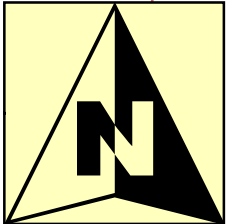
In Osage County, the EPA is directing operators of 20 Arbuckle disposal wells to limit volume to their last 30 day average. Further, 6 other Arbuckle disposal wells will be reduced 25 percent under their 30 day average.

An Excel sheet of the operators and wells covered by the response AND under OCC jurisdiction* is attached. Click on the “Wells with increased - new action” for a list showing only those wells not already covered by the September 3, 2016 directive.

***List does not include wells in Osage county under EPA’s sole jurisdiction**

Also attached is a map of the action area.

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EPA Jurisdiction

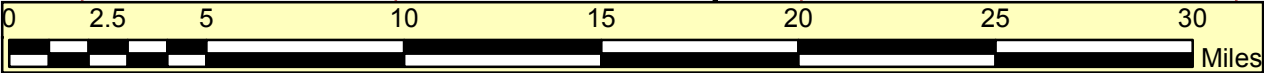
Pawnee

Mag 4.3

Pawnee Area
Revised 03 November,2016
M4.3
With EPA Jurisdiction

-  6mile_Shut-in
-  10mile_Reduction
-  15mile_Limited
-  EPA_Jurisdiction

Date: 11/3/2016



Wells taking new action under 11-03-16 directive

Action	Operator Name	Well Name Number	County
Capped at last 30-day average	ANTHIS LAND COMPANY LLC	ANDERSON 15-1	CREEK
Shutin	SHORT OIL COMPANY	RYAN OSBORN 5	PAWNEE
Shutin	SHORT OIL COMPANY	RYAN-OSBORNE 7	PAWNEE
Reduce by 25% of last 30-day average	EASTOK PIPELINE LLC	FUSS 2-33	PAWNEE
Reduce by 25% of last 30-day average	TARKA ENERGY LLC	SECHRIST SWD 1	PAWNEE
Reduce by 25% of last 30-day average	EASTOK PIPELINE LLC	MOEBIUS 2-28	PAWNEE
Shutin	CONCORDE RESOURCE CORPORATION	CARNES #1-6 SWD	PAWNEE
Reduce by 25% of last 30-day average	CONCORDE RESOURCE CORPORATION	NGR SWD 1H-20	PAWNEE
Shutin	TRU OPERATING LLC	HARRINGTON 1 SWD	PAWNEE
Reduce by 25% of last 30-day average	EASTOK PIPELINE LLC	EASTOK-RIEMAN 1-35 SWD	PAWNEE
Reduce by 25% of last 30-day average	CIRCLE 9 RESOURCES LLC	HOKE 1-1	PAYNE
Reduce by 25% of last 30-day average	TARKA ENERGY LLC	WOODS SWDW 1	PAYNE
Capped at last 30-day average	SHIELDS OPERATING INC	CROCKETT 1-D	PAYNE
Capped at last 30-day average	EASTOK PIPELINE LLC	HOLLAND 1-21	PAYNE
Not in AOI			
Capped at last 30-day average	BSO INC	HORINE /C/ C-1	PAWNEE
Reduce by 25% of last 30-day average	MUSGROVE CASEY OIL CO INC.	BYERS 4-A	PAWNEE
Capped at last 30-day average	KROTZER OIL COMPANY	MAPLE LEAF GLASS 1-C	PAWNEE
Capped at last 30-day average	MID-CON ENERGY OPERATING LLC	MULLENDORE 2SWD	PAWNEE
Capped at last 30-day average	MID-CON ENERGY OPERATING LLC	VAN EMAN G S 11	PAWNEE
Capped at last 30-day average	HALL GREG OIL & GAS LLC	SCHOOLLAND 2-16	PAWNEE

ALL WELLS INCLUDED IN PLAN (includes those already covered by 9/3/2016 Directive)

Operator Name	WellNameNu	LegalLocat	County	Latitude
ANTHIS LAND COMPANY LLC	ANDERSON 15-1	15-19N-7E	CREEK	36.12135
SPECIAL ENERGY CORPORATION	PEPPER CREEK 1SWD	22-21N-4E	PAWNEE	36.28536
SPECIAL ENERGY CORPORATION	RAMBO SWD 1	13-21N-4E	PAWNEE	36.29781
SHORT OIL COMPANY	RYAN OSBORN 5	28-21N-6E	PAWNEE	36.26338
SHORT OIL COMPANY	RYAN-OSBORNE 7	28-21N-6E	PAWNEE	36.26701
BENSON MINERAL GROUP INC	FERGUSON 34-1D	34-23N-4E	PAWNEE	36.42831
BENSON MINERAL GROUP INC	CARTMELL 15-1D	15-22N-4E	PAWNEE	36.38163
STACY OPERATING LLC	LINDA 1-A	2-22N-4E:	PAWNEE	36.41566
PETROQUEST ENERGY LLC	LEFORCE 4	1-22N-4E:	PAWNEE	36.41932
TARKA ENERGY LLC	WATERS 9-1D	9-21N-5E:	PAWNEE	36.31693
PETROQUEST ENERGY LLC	STRICKER 9D	27-23N-4E	PAWNEE	36.44373
EASTOK PIPELINE LLC	FUSS 2-33	33-20N-5E	PAWNEE	36.17208
TARKA ENERGY LLC	SECHRIST SWD 1	29-20N-6E	PAWNEE	36.1824
TARKA ENERGY LLC	COOPER ""D"" 1	33-21N-5E	PAWNEE	36.25293
EAGLE ROAD OIL LLC	RIPLEY SWD 1	31-22N-4E	PAWNEE	36.33901
EASTOK PIPELINE LLC	MOEBIUS 2-28	28-20N-5E	PAWNEE	36.18003
SPECIAL ENERGY CORPORATION	FLATBUSH 1SWD	14-21N-4E	PAWNEE	36.29792
CONCORDE RESOURCE CORPORATION	STILWELL SWD 1	32-22N-6E	PAWNEE	36.34685
WHITE STAR PETROLEUM LLC	DALLAS 1-6 SWD	6-21N-6E:	PAWNEE	36.31957
CONCORDE RESOURCE CORPORATION	CARNES #1-6 SWD	6-20N-7E:	PAWNEE	36.23323
CUMMINGS OIL COMPANY	ROGERS 1-13D	13-22N-4E	PAWNEE	36.37761
CONCORDE RESOURCE CORPORATION	NGR SWD 1H-20	20-20N-7E	PAWNEE	36.18989
TRU OPERATING LLC	HARRINGTON 1 SWD	6-20N-6E:	PAWNEE	36.23449
EASTOK PIPELINE LLC	EASTOK-RIEMAN 1-35 SWD	35-20N-5E	PAWNEE	36.17312
CUMMINGS OIL COMPANY	PAWCO 1-31SWD	31-23N-5E	PAWNEE	36.42089
TARKA ENERGY LLC	WHITE SWD-1	30-22N-5E	PAWNEE	36.3548
CIRCLE 9 RESOURCES LLC	HOKE 1-1	1-19N-5E:	PAYNE	36.15511
TARKA ENERGY LLC	WOODS SWDW 1	5-19N-6E:	PAYNE	36.15114
SHIELDS OPERATING INC	CROCKETT 1-D	13-19N-5E	PAYNE	36.12508
EASTOK PIPELINE LLC	HOLLAND 1-21	21-20N-4E	PAYNE	36.18961
WHITE STAR PETROLEUM LLC	NEWTON 1-7 SWD	7-20N-4E:	PAYNE	36.21942
EASTOK PIPELINE LLC	EASTOK-PALM 1-12 SWD	12-20N-4E	PAYNE	36.23113

Op_Name	Well_Name	Well_Num	County	Latitude__
BSO INC	HORINE /C/	C-1	PAWNEE	36.25251
MUSGROVE CASEY OIL CO INC.	BYERS	4-A	PAWNEE	36.24169
KROTZER OIL COMPANY	MAPLE LEAF GLASS	1-C	PAWNEE	36.2396
MID-CON ENERGY OPERATING LLC	MULLENDORE	2SWD	PAWNEE	36.24772
MID-CON ENERGY OPERATING LLC	VAN EMAN G S	11	PAWNEE	36.2714
HALL GREG OIL & GAS LLC	SCHOOLLAND	16-Feb	PAWNEE	36.20646