API NUMBER:	121	24746

Approval Date:	04/16/2015
Expiration Date:	10/16/2015

Horizontal Hole   Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17   Twp: 7N   Rge: 17E   County: PITTSBURG

SPOT LOCATION: | SW | SW | SE | SW | FEET FROM QUARTER: FROM **SOUTH**   FROM **WEST**

SECTION LINES: **310**   **1330**

Lease Name: KREBBS   Well No: **2-17H**   Well will be   **310**   feet from nearest unit or lease boundary.

Operator Name: **PETROQUEST ENERGY LLC**   Telephone: 3372327028; 9185615   OTC/OCC Number: 21466 0

PETROQUEST ENERGY LLC
400 E KALISTE SALOOM RD STE 6000
LAFAYETTE,   LA   70508-8523

JIMMY AND EALENE DAVENPORT
16007 E STATE HWY 31
QUINTON   OK   74561

Formation(s)   (Permit Valid for Listed Formations Only):

	Name	Depth		Name	Depth
1	WOODFORD	8100	6		
2			7		
3			8		
4			9		
5			10		

Spacing Orders: 584504   Location Exception Orders: 637561   Increased Density Orders: 637614

Pending CD Numbers: Special Orders:

Total Depth: 13857   Ground Elevation: 677   **Surface Casing: 500**   Depth to base of Treatable Water-Bearing FM: 160

Under Federal Jurisdiction: No   Fresh Water Supply Well Drilled: No   Surface Water used to Drill: No

PIT 1 INFORMATION   Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE   A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: AIR   B. Solidification of pit contents.

Is depth to top of ground water greater than 10ft below base of pit?   Y

Within 1 mile of municipal water well?   N   E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

Wellhead Protection Area?   N   H. SEE MEMO

Pit **is not** located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is   NON HSA

Pit Location Formation: BOGGY

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

PIT 2 INFORMATION

Type of Pit System: CLOSED   Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit?   Y

Within 1 mile of municipal water well?   N

Wellhead Protection Area?   N

Pit   **is not**   located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is   NON HSA

Pit Location Formation: BOGGY

PIT 3 INFORMATION

Type of Pit System: CLOSED   Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit?   Y

Within 1 mile of municipal water well?   N

Wellhead Protection Area?   N

Pit   **is not**   located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is   NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec   17   Twp 7N   Rge 17E   County   PITTSBURG

Spot Location of End Point: NE   NE   NE   NW

Feet From: NORTH   1/4 Section Line: 1

Feet From: WEST   1/4 Section Line: 2590

Depth of Deviation: 7923

Radius of Turn: 607

Direction: 8

Total Length: 4980

Measured Total Depth: 13857

True Vertical Depth: 8530

End Point Location from Lease,
     Unit, or Property Line: 1

Notes:

Category	Description
DEEP SURFACE CASING	4/16/2015 - G71 - APPROVED CONTINGENT ON NOTIFYING OCC FIELD STAFF IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
INCREASED DENSITY - 637614	4/16/2015 - G91 - 17-7N-17E X584504 WDFD 2 WELLS PETROQUEST ENERGY, LLC. 3-10-2015

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District
Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
LOCATION EXCEPTION - 637561	4/16/2015 - G91 - (I.O.) 17-7N-17E X584504 WDFD, OTHERS SHL NCT 225 FSL, NCT 1400 FEL COMPL. INT. NCT 165 FNL, NCT 165 FSL, NCT 2000 FEL PETROQUEST ENERGY, LLC. 3-9-2015
MEMO	4/16/2015 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 584504	4/16/2015 - G91 - (640) 17-7N-17E VAC OTHERS EXT 580673 WDFD, OTHERS

This permit does not address the right of entry or settlement of surface damages.
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District
Office of the Conservation Division as to when Surface Casing will be run.