

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)

API NUMBER: 119 24403

Approval Date: 04/27/2016

Expiration Date: 10/27/2016

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 15 Twp: 18N Rge: 4E

County: PAYNE

SPOT LOCATION: SE NW SE NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 982 1734

Lease Name: AHRBERG

Well No: 1A

Well will be 338 feet from nearest unit or lease boundary.

Operator Name: FHA OPERATING LLC

Telephone: 9182253570; 9182258

OTC/OCC Number: 23127 0

FHA OPERATING LLC
PO BOX 1030
CUSHING, OK 74023-1030

RICK AHRBERG
808 SOUTH EUCHEE VALLEY
CUSHING OK 74023

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

	Name	Depth	Name	Depth
1	PERU	3165	6	
2	SKINNER LOW	3570	7	
3	RED FORK	3645	8	
4	BARTLESVILLE	3760	9	
5	WILCOX	4200	10	

Spacing Orders: 53604
275860

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601398

Special Orders:

Total Depth: 4250

Ground Elevation: 912

Surface Casing: 130

Depth to base of Treatable Water-Bearing FM: 80

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3000 Average: 1000

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: VANOSS

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 16-31197

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

Notes:

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
HYDRAULIC FRACTURING	4/5/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201601398	4/18/2016 - G64 - E2 NW4 15-18N-4E X275860 BRVL 2 WELLS NO OP. NAMED HEARING 5-3-2016
SPACING	4/18/2016 - G64 - PERU, RED FORK, WILCOX UNSPACED; 80-ACRE LEASE (E2 NW4)
SPACING - 275860	4/6/2016 - G64 - (80) W2 15-18N-4E SU NW/SE NCT 330' FB VAC 55509 BRVL EST BRVL
SPACING - 53604	4/6/2016 - G64 - (40) 15-18N-4E EST SKNRL
SURFACE LOCATION	4/27/2016 - G64 - 982' FSL, 1734' FWL NW4 15-18N-4E PER OPERATOR

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