

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

API NUMBER: 103 24579 A

Approval Date: 09/18/2013  
Expiration Date: 03/18/2014

Horizontal Hole Oil & Gas

Amend reason: AMEND SURFACE FOOTAGES

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 20N Rge: 1W

County: NOBLE

SPOT LOCATION:  SE  SE  SE  SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 200 2387

Lease Name: MURRAY

Well No: 1-1H

Well will be 200 feet from nearest unit or lease boundary.

Operator Name: RED FORK (USA) INVESTMENTS INC

Telephone: 9188791913; 9184319

OTC/OCC Number: 22094 0

RED FORK (USA) INVESTMENTS INC  
1437 S BOULDER AVE STE 700  
TULSA, OK 74119-3617

COMMISSIONERS OF THE LAND OFFICE  
120 N ROBINSON, SUITE 1000W  
OKC OK 73102

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	4890	6	
2	WOODFORD	5125	7	
3			8	
4			9	
5			10	

Spacing Orders: 610251

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201304739

Special Orders:

Total Depth: 10010

Ground Elevation: 978

**Surface Casing: 460**

Depth to base of Treatable Water-Bearing FM: 360

Under Federal Jurisdiction: Yes

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 13-23708

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR OPTION

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.

HORIZONTAL HOLE 1

Sec 01 Twp 19N Rge 1W County PAYNE

Spot Location of End Point: SE SE SE SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 2437

Depth of Deviation: 4370

Radius of Turn: 930

Direction: 180

Total Length: 5230

Measured Total Depth: 10010

True Vertical Depth: 5130

End Point Location from Lease,  
Unit, or Property Line: 150

Notes:

Category	Description
PENDING CD - 201304739	9/18/2013 - G30 - 1-19N-1W X610251 MSSP, WDFD, OTHER 1ST PERF NCT 150 TO NL/SL, NCT 330 TO EL/WL LAST PERF NCT 150 TO SL/NL, NCT 330 TO EL/WL NO OP. NAMED REC 9/17/13 (JOHNSON)
SPACING - 610251	9/18/2013 - G30 - (640 HOR) 1-19N-1W EXT 607263 MSSP, WDFD, OTHERS POE TO BHL (MSSP) NLT 660' FB, NCT 600' FWB POE TO BHL (WDFD) NLT 330' FB, NCT 600' FWB