

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

API NUMBER: 117 23557

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 20N Rge: 5E County: PAWNEE
SPOT LOCATION: NW NE NE NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2421 2123

Lease Name: DARWIN Well No: 1-32H Well will be 219 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

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

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	3550	6	
2	WOODFORD	3660	7	
3			8	
4			9	
5			10	

Spacing Orders: 606166

Location Exception Orders: 606787

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 8110

Ground Elevation: 870

Surface Casing: 170

Depth to base of Treatable Water-Bearing FM: 70

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 13-24219

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 32 Twp 20N Rge 5E County PAWNEE

Spot Location of End Point: SW SE SE SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 2123

Depth of Deviation: 2900

Radius of Turn: 940

Direction: 180

Total Length: 4800

Measured Total Depth: 8110

True Vertical Depth: 3660

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

Notes:

Category	Description
LOCATION EXCEPTION - 606787	9/3/2013 - G30 - (I.O.) 32-20N-5E X606166 MSSP, MSRH, OTHER 1ST PERF NCT 150 TO NL, NCT 330 TO WL LAST PERF NCT 150 TO SL, NCT 330 TO WL RED FORK (USA) INVESTMENTS, INC. 1/22/13
SPACING - 606166	9/3/2013 - G30 - (640 HOR) 32-20N-5E EXT 589512 MSSP EST WDFD, OTHER POE TO BHL (MSSP) NLT 660' FB, NCT 600' FWB POE TO BHL (WDFD) NLT 330' FB, NCT 600' FWB (SUPERSEDE SP. 177903 MSSTM, MSRN)

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