

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

API NUMBER: 047 25027

Approval Date: 04/01/2015

Expiration Date: 10/01/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 23 Twp: 24N Rge: 5W

County: GARFIELD

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 165 2040

Lease Name: ROWLEY

Well No: 2-23WH

Well will be 165 feet from nearest unit or lease boundary.

Operator Name: SK PLYMOUTH LLC

Telephone: 9185991800

OTC/OCC Number: 23485 0

SK PLYMOUTH LLC
6100 S YALE AVE STE 500
TULSA, OK 74136-1923

JULIUS R. & LAWANNA G. ROWLEY REV. TRUST
6808 N. 241ST ST. W.
HASKELL OK 74436

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

Name	Depth	Name	Depth
1 WOODFORD	6130	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 614670

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201500468

Special Orders:

Total Depth: 10600

Ground Elevation: 1111

Surface Casing: 350

Depth to base of Treatable Water-Bearing FM: 300

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: 50000 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: FAIRMONT

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

PERMIT NO: 15-29729

H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 23 Twp 24N Rge 5W County GARFIELD

Spot Location of End Point: N2 N2 NE NW

Feet From: NORTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 1980

Depth of Deviation: 5514

Radius of Turn: 636

Direction: 359

Total Length: 4087

Measured Total Depth: 10600

True Vertical Depth: 6250

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

Notes:

Category

Description

PENDING CD - 201500468

3/17/2015 - G75 - (I.O.) 23-24N-5W
X614670 WDFD
SHL NCT 165 FSL, NCT 330 FWL
COMPL. INT. NCT 150 FSL, NCT 150 FNL, NCT 330 FWL
BHL NCT 150 FNL, NCT 330 FWL
NO OP. NAMED
REC 3-31-2015 (JOHNSON)

SPACING - 614670

3/17/2015 - G75 - (640)(HOR) 23-24N-5W
VAC OTHER
EST WDFD, OTHER
COMPL. INT. NCT 330' FB

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047 25027 ROWLEY 2-23WH