

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

API NUMBER: 047 24927

Approval Date: 09/10/2014
Expiration Date: 03/10/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 24N Rge: 5W

County: GARFIELD

SPOT LOCATION: SE SE SE SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 165 2330

Lease Name: TLZ RANCH

Well No: 3-27H

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
110 W 7TH ST STE 2600
TULSA, OK 74119-1104

TLZ RANCH, LLC
421 F AVENUE
KREMLIN OK 73753

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

	Name	Depth	Name	Depth
1	MISSISSIPPI	5665	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 591632

Location Exception Orders: 629448

Increased Density Orders: 629584

Pending CD Numbers:

Special Orders:

Total Depth: 10400

Ground Elevation: 1104

Surface Casing: 330

Depth to base of Treatable Water-Bearing FM: 270

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: 14-28090

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 27 Twp 24N Rge 5W County GARFIELD

Spot Location of End Point: E2 NE NE NW

Feet From: NORTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 2330

Depth of Deviation: 5314

Radius of Turn: 636

Direction: 360

Total Length: 4087

Measured Total Depth: 10400

True Vertical Depth: 5950

End Point Location from Lease,
Unit, or Property Line: 330

Notes:

Category	Description
INCREASED DENSITY - 629584	9/10/2014 - G91 - 27-24N-5W X 591632 MISS 1 WELL PLYMOUTH EXPLORATION, LLC (BOUGHT IN IT'S ENTIRETY BY SK PLYMOUTH LLC) 8-22-2014
LOCATION EXCEPTION - 629448	9/10/2014 - G91 - (I.O.) 27-24N-5W X 591632 MISS SHL NCT 165 FSL, NCT 660 FWL COMP. INT. NCT 150 FSL, NCT 150 FNL, NCT 660 FWL PLYMOUTH EXPLORATION, LLC (BOUGHT IN IT'S ENTIRETY BY SK PLYMOUTH LLC) 8-20-2014
SPACING - 591632	9/10/2014 - G91 - (640)(HOR) 27-24N-5W EXT 589230 MISS POE TO BHL NLT 660' FB (SUPERSEDE NON-PRODUCING NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)

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Office of the Conservation Division as to when Surface Casing will be run.