

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

API NUMBER: 047 24987 A

Approval Date: 11/18/2016

Expiration Date: 05/18/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 23N Rge: 5W

County: GARFIELD

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 300 660

Lease Name: O'QUIN

Well No: 2-10H

Well will be 300 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 74136-1906

TLZ RANCH, LLC
421 AVENUE F
KREMLIN OK 73753

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN	5710	6
2			7
3			8
4			9
5			10

Spacing Orders: 613935

Location Exception Orders: 656921

Increased Density Orders: 657044

Pending CD Numbers:

Special Orders:

Total Depth: 10600

Ground Elevation: 1085

Surface Casing: 360

Depth to base of Treatable Water-Bearing FM: 310

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: 16-31817

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 10 Twp 23N Rge 5W County GARFIELD

Spot Location of End Point: S2 S2 SW SW

Feet From: SOUTH 1/4 Section Line: 150

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5300

Radius of Turn: 735

Direction: 179

Total Length: 4145

Measured Total Depth: 10600

True Vertical Depth: 6050

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

Notes:

Category	Description
HYDRAULIC FRACTURING	11/14/2016 - 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.
INCREASED DENSITY - 657044	11/14/2016 - G64 - (I.O.) 10-23N-5W X613935 MSSP 2 WELLS SK PLYMOUTH LLC 10-18-2016
LOCATION EXCEPTION - 656921	11/14/2016 - G64 - (I.O.) 10-23N-5W X613935 MSSP COMPL. INT. NCT 150' FNL, NCT 150' FSL, NCT 660' FWL SK PLYMOUTH LLC 10-13-2016
SPACING - 613935	11/14/2016 - G64 - (640)(HOR) 10-23N-5W VAC 55417 E2 MSSLM VAC 153679 W2 MSSLM EST MSSP, OTHER COMPL. INT. NCT 660' FB

This permit does not address the right of entry or settlement of surface damages.

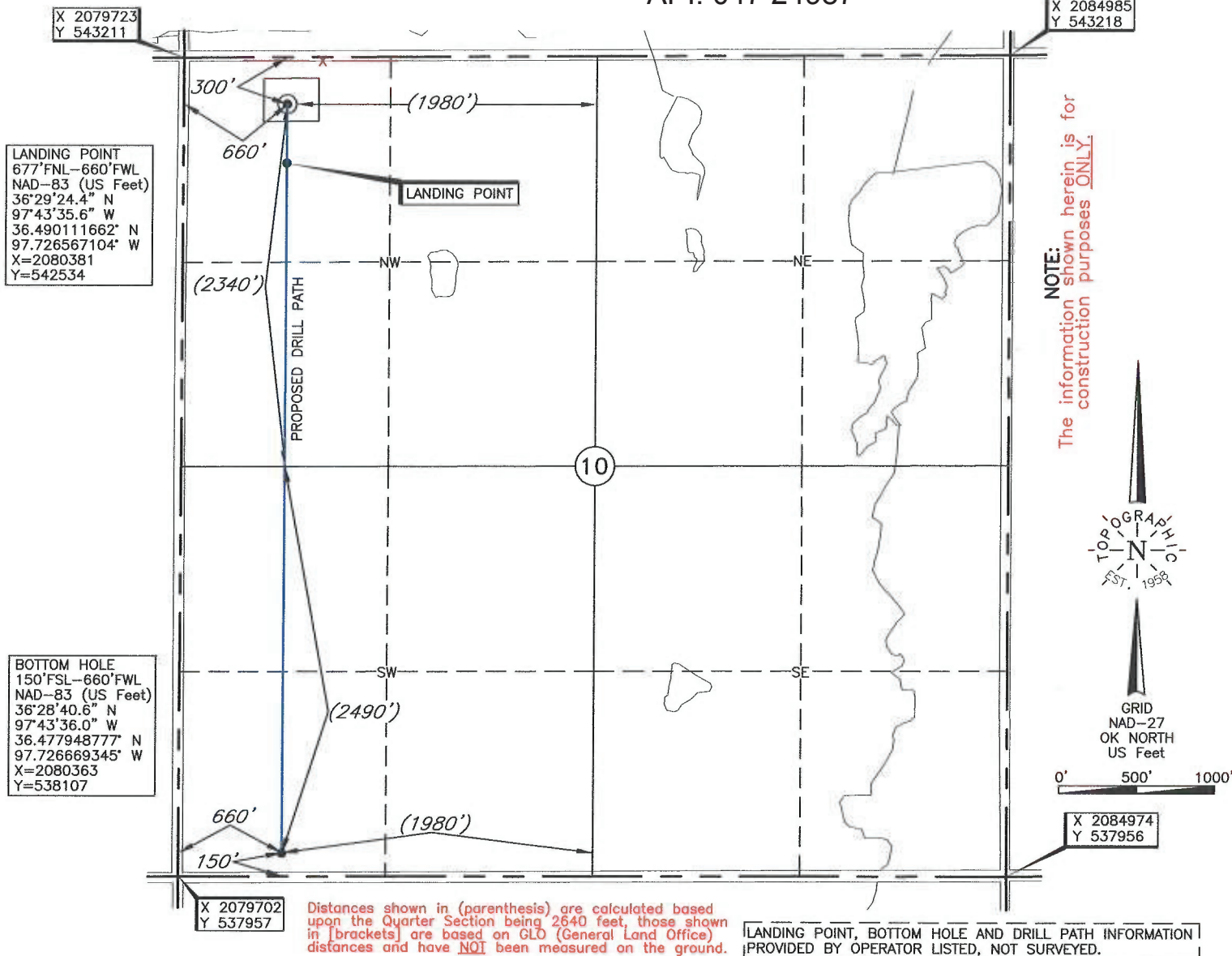
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047 24987 O'QUIN 2-10H

300'FNL-660'FWL Section 10 Township 23N Range 5W I.M.

API: 047 24987



Operator: SK PLYMOUTH, LLC

Lease Name: O'QUIN

Well No.: 2-10H

ELEVATION:

1085' Gr. at Stake

Topography & Vegetation Loc. fell in plowed field; ±278' South of fence

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From North off county road

Distance & Direction

from Hwy Jct or Town From Hunter, Ok, go ±4 miles West, then ±5 miles South to the

NW Cor. of Sec. 10-T25N-R5W

Revision ☒ A

Date of Drawing: Nov. 17, 2016

Invoice # 230497A

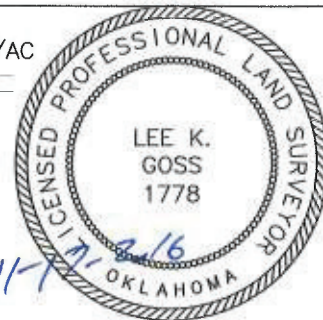
Date Staked: Sep. 15, 2014

LC/AC

CERTIFICATE:

I, Lee K. Goss a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

Oklahoma Lic. No. 1778



This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.

DATUM: NAD-27
LAT: 36°29'28.1"N
LONG: 97°43'35.6"W
LAT: 36.491147336° N
LONG: 97.726558543° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2080382
Y: 542911