

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

Approval Date: 01/06/2015
Expiration Date: 07/06/2015

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 23N Rge: 5W County: GARFIELD
SPOT LOCATION: N2 N2 NW NW 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
110 W 7TH ST STE 2600
TULSA, OK 74119-1104

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:

Increased Density Orders:

Pending CD Numbers: 201407332
201407331

Special Orders:

Total Depth: 10500

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

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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 14-28523

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: C S2 SW SW

Feet From: SOUTH 1/4 Section Line: 330

Feet From: WEST 1/4 Section Line: 660

Depth of Deviation: 5364

Radius of Turn: 636

Direction: 180

Total Length: 4137

Measured Total Depth: 10500

True Vertical Depth: 6000

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

Notes:

Category

Description

PENDING CD - 201407331

1/5/2015 - G75 - 10-23N-5W
X613935 MSSP
2 WELLS
NO OP. NAMED
REC 10-21-2014 (MCKEOWN)

PENDING CD - 201407332

1/5/2015 - G75 - (I.O.)
X613935 MSSP
SHL NCT 165 FSL, NCT 660 FWL 3-23N-5W **
FIRST PERF NCT 150 FNL, NCT 660 FWL 10-23N-5W
LAST PERF NCT 150 FSL, NCT 660 FWL 10-23N-5W
BHL NCT 150 FSL, NCT 660 FWL 10-23N-5W
NO OP. NAMED
REC 10-21-2014 (MCKEOWN)

** ITD HAS SHL AS 300 FNL, 660 FWL 10-23N-5W; TO BE CORRECTED AT HEARING FOR FINAL ORDER LOCATION EXCEPTION PER OPERATOR

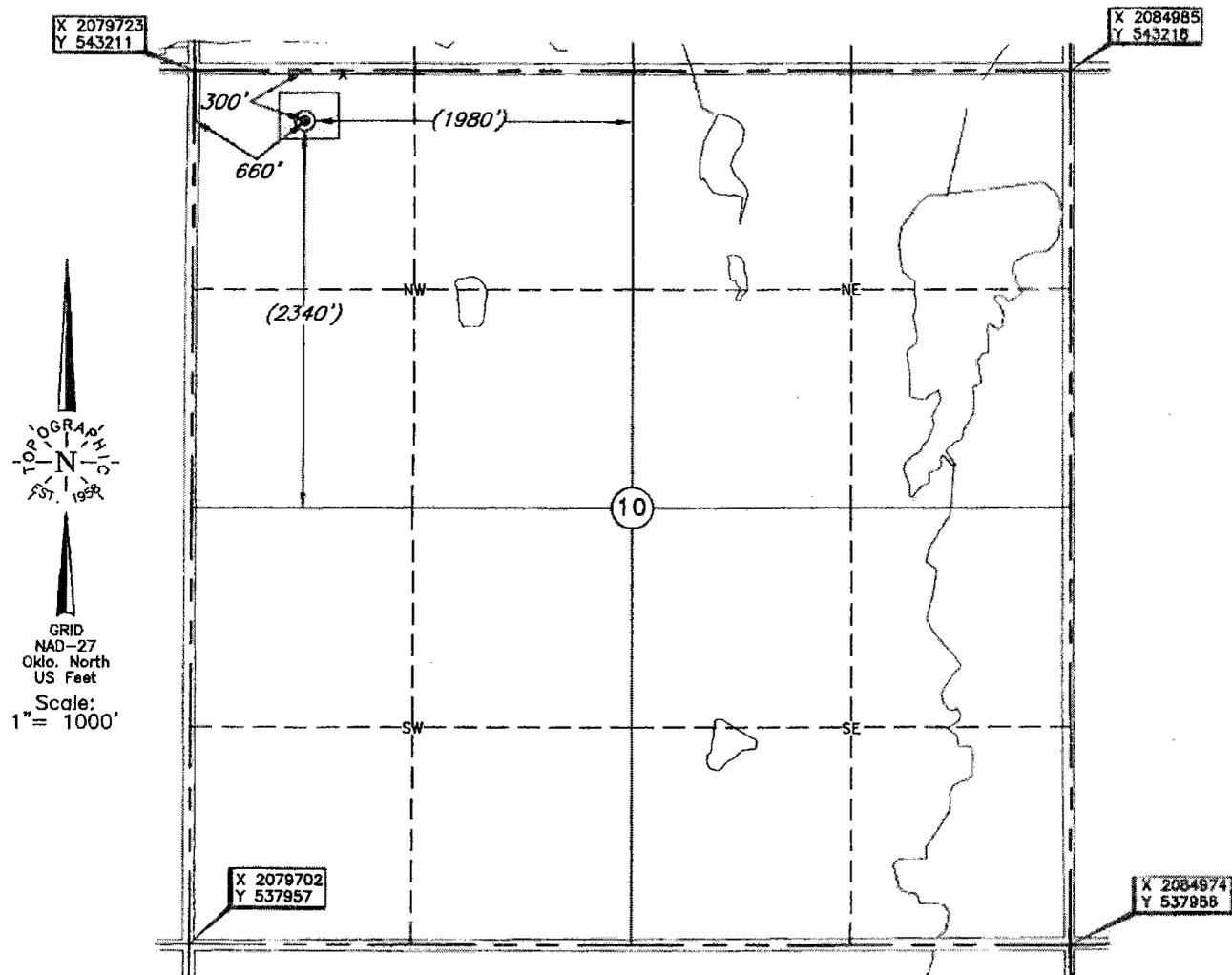
SPACING - 613935

1/5/2015 - G75 - (640)(HOR) 10-23N-5W
VAC 55417 MSSLM E2
VAC 153679 MSSLM
EST MSSP, OTHER
COMPL. INT. NCT 660' FB

N2 N2 NW NW

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293.

GARFIELD County, Oklahoma
300'FNL-660'FWL Section 10 Township 23N Range 5W I.M. API 047-24987



Distances shown in parenthesis are calculated based upon the Quarter Section being 2840 feet, those shown in brackets are based on GLO (General Land Office) distances and have NOT been measured on the ground.

NOTE: The information shown herein is for construction purposes ONLY.

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

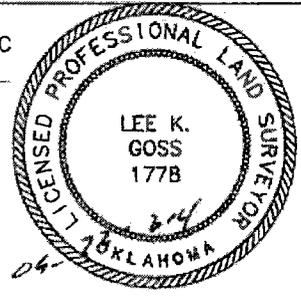
Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From North off county road
Distance & Direction From Hunter, Ok, go ±4 miles West, then ±5 miles South to the
NW Cor. of Sec. 10-T25N-R5W

Date of Drawing: Sep. 17, 2014
Invoice # 230497A Date Staked: Sep. 15, 2014 LC

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

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.
[Signature]
Oklahoma Lic. No. 1778



This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy