

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

API NUMBER: 125 23873

Approval Date: 10/03/2014
Expiration Date: 04/03/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 8N Rge: 5E

County: POTTAWATOMIE

SPOT LOCATION: C N2 SW NW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 990 660

Lease Name: SIMPSON

Well No: 3

Well will be 330 feet from nearest unit or lease boundary.

Operator Name: TITAN OIL & GAS CORPORATION

Telephone: 8004997801

OTC/OCC Number: 19889 0

TITAN OIL & GAS CORPORATION
3500 S BOULEVARD STE 10B
EDMOND, OK 73013-5417

COMMISSIONERS OF THE LAND OFFICE
120 NORTH ROBINSON, SUITE 1000W
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 EARLSBORO	3400	6	
2 SIMPSON	4300	7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4375

Ground Elevation: 891

Surface Casing: 1040

Depth to base of Treatable Water-Bearing FM: 990

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 8000 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 located in a Hydrologically Sensitive Area.

Category of Pit: 1A

Liner required for Category: 1A

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. 20-MIL PIT LINER REQUIRED

Notes:

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.

Category	Description
FRAC FOCUS	9/29/2014 - G71 - THE REQUIREMENT FOR CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS WILL BE EXTENDED TO INCLUDE ALL NON-HORIZONTAL WELLS FOR HYDRAULIC FRACTURING OPERATIONS BEGINNING JANUARY 1, 2014. REFER TO OCC RULE 165:10-3-10 FOR COMPLIANCE REQUIREMENTS. PLEASE REPORT DIRECTLY TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
SPACING	10/3/2014 - G75 - FORMATIONS UNSPACED; 40-ACRE LEASE (SW4 NW4)

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125 23873 SIMPSON 3