

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

API NUMBER: 065 20284 A

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

Straight Hole Oil & Gas

Amend reason: OCC CORRECTION - INCREASE TD

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 1N Rge: 19W County: JACKSON
SPOT LOCATION: ☐ NW ☐ NW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1100 1450

Lease Name: CANAM Well No: 9 Well will be 1100 feet from nearest unit or lease boundary.
Operator Name: FULCRUM EXPLORATION LLC Telephone: 5132904438 OTC/OCC Number: 22183 0

FULCRUM EXPLORATION LLC
3700 FORUMS DR STE 112
FLOWER MOUND, TX 75028-1849

JTL FARM & RANCH, INC
609 EAST MAIN
TIPTON OK 73570

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

	Name	Depth	Name	Depth
1	CISCO	1680	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3000 Ground Elevation: 1273 Surface Casing: 170 Depth to base of Treatable Water-Bearing FM: 120

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

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: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: HENNESSEY

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	9/9/2014 - 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	9/9/2014 - G91 - FORMATION UNSPACED; 160-ACRE LEASE (SE4)