

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

API NUMBER: 065 20294 A

Approval Date: 02/17/2015
Expiration Date: 08/17/2015

Straight Hole Oil & Gas

Amend reason: AMEND FORMATION

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 30 Twp: 1N Rge: 19W County: JACKSON
SPOT LOCATION: NW NE SW SE FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1060 920

Lease Name: CANAM Well No: 14 Well will be 920 feet from nearest unit or lease boundary.
Operator Name: FULCRUM EXPLORATION LLC Telephone: 2145137610 OTC/OCC Number: 22183 0

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

JTL FARMS AND RANCH INC
609 EAST MAIN
TIPTON OK 73570

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

	Name	Depth	Name	Depth
1	CISCO	1730	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201501190

Special Orders:

Total Depth: 2500 Ground Elevation: 1276 **Surface Casing: 180** Depth to base of Treatable Water-Bearing FM: 130

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

PIT 1 INFORMATION

Type of Pit System: ON SITE
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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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	2/17/2015 G76 - 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
PENDING CD - 201501190	3/13/2015 - G91 - (E.O.) SE4 30-1N-19W X165:10-1-21 CSCO 1060 FSL, 920 FEL ** CLOSER THAN 300' FROM PROPOSED/EXISTING WELLBORES NO OP. NAMED REC. 3-10-2015 (DECKER)
	TO BE CORRECTED AT FINAL HEARING
SPACING	3/13/2015 - G91 - FORMATION UNSPACED; 320-ACRE LEASE (S2)

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.