

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

API NUMBER: 141 20456

Approval Date: 10/24/2012
Expiration Date: 04/24/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 2S Rge: 17W County: TILLMAN
SPOT LOCATION: SE NW SE NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 740 1861

Lease Name: TAYLOR-OSBORNE-SEARS Well No: 1-A Well will be 541 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

RAY COWAN
19186 CR NW 218
FREDERICK OK 73542

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

	Name	Depth	Name	Depth
1	CISCO	2890	6	
2	CANYON	2965	7	
3	STRAWN	3740	8	
4	HUNTON	4630	9	
5	VIOLA	4700	10	

Spacing Orders: 398314

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5000 Ground Elevation: 1214 **Surface Casing: 150** Depth to base of Treatable Water-Bearing FM: 60

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 located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: GARBER

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.

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Category

Description

SPACING - 398314

10/23/2012 - G75 - (80/40) 31-2S-17W
VAC 31272 UN-NAMED ODVC E2
REFORM 31272 CSCO, CNYN TO 40-ACRE E2
EXT (40) 31272 CSCO, CNYN, STRN W2
EST (80) HNTN, VIOL, OTHERS LD NW/SE

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