

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

API NUMBER: 141 20454

Approval Date: 09/20/2012  
Expiration Date: 03/20/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 3S Rge: 19W County: TILLMAN  
SPOT LOCATION: C N2 NW SE FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2310 660

Lease Name: MARY H Well No: 1 Well will be 330 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

GLEN S. & MARY H. CLAYTON  
724 DIANA  
FREDERICK OK 73542

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

Name	Depth	Name	Depth
1 HENDERSON	3230	6	
2 CANYON	3400	7	
3 STRAWN	4225	8	
4 MISSISSIPPI LIME	5035	9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 5500 Ground Elevation: 1287 **Surface Casing: 160** Depth to base of Treatable Water-Bearing FM: 110

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: 1B

Liner required for Category: 1B

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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

SPACING

9/20/2012 - G30 - FORMATIONS UNSPACED, 160 ACRE LEASE (SE4)

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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