

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

API NUMBER: 117 23518

Approval Date: 02/22/2013
Expiration Date: 08/22/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 36 Twp: 20N Rge: 8E

County: PAWNEE

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 660 330

Lease Name: CROSSROADS

Well No: 1-36

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

Operator Name: HALL GREG OIL & GAS LLC

Telephone: 4053306238

OTC/OCC Number: 21902 0

HALL GREG OIL & GAS LLC
P.O. Box 785
EDMOND, OK 73003-0008

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

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

	Name	Depth	Name	Depth	
1	CLEVELAND	1400	6	WILCOX	2960
2	SKINNER	2257	7	ARBUCKLE	3050
3	RED FORK	2454	8		
4	BARTLESVILLE	2630	9		
5	MISSISSIPPI	2699	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4000

Ground Elevation: 799

Surface Casing: 210

Depth to base of Treatable Water-Bearing FM: 160

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: 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: TALLANT

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
SPACING	2/22/2013 - G75 - FORMATIONS UNSPACED; 80-ACRE LEASE (N2 NW4)
SURFACE LOCATION	2/22/2013 - G75 - 660' FNL, 330' FEL NW4 36-20N-8E PER SURVEY PLAT

This permit does not address the right of entry or settlement of surface damages.
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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.