

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

API NUMBER: 137 27412

Approval Date: 02/04/2015
Expiration Date: 08/04/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 19 Twp: 2S Rge: 4W County: STEPHENS
SPOT LOCATION: NE SW NW NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 940 2210

Lease Name: GREEN RANCH Well No: 1-19 Well will be 380 feet from nearest unit or lease boundary.
Operator Name: HOGBACK EXPLORATION INC Telephone: 4797099014 OTC/OCC Number: 21161 0

HOGBACK EXPLORATION INC
PO BOX 180368
FORT SMITH, AR 72918-0368

ESTATE OF EARL RAY GREEN, DEC'D, ET AL
3481 FM 1058
HEREFORD TX 79045

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

Name	Depth	Name	Depth
1 DEESE	1300	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 635725

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 3100

Ground Elevation: 986

Surface Casing: 130

Depth to base of Treatable Water-Bearing FM: 80

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.

137 27412 GREEN RANCH 1-19

Category	Description
FRAC FOCUS	2/4/2015 - 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 - 635725	2/4/2015 - G91 - (40) NE4 19-2S-4W VAC 106310 DEESS EXT 203630 DEESS

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