

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

API NUMBER: 087 21991

Approval Date: 04/11/2014

Expiration Date: 10/11/2014

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 5N Rge: 2W

County: MCCLAIN

SPOT LOCATION: NE SE SW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2116 1132

Lease Name: JONES

Well No: 1-11

Well will be 524 feet from nearest unit or lease boundary.

Operator Name: RANKEN ENERGY CORPORATION

Telephone: 4053402363

OTC/OCC Number: 17205 0

RANKEN ENERGY CORPORATION
457 W 18TH ST
EDMOND, OK 73013-3663

JACK & KAY JONES
P.O. BOX 10
WAYNE OK 73095

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

	Name	Depth	Name	Depth	
1	DEESE	6290	6	JOINS	9020
2	HUNTON	6930	7		
3	VIOLA	7490	8		
4	BROMIDE	7850	9		
5	OIL CREEK	8940	10		

Spacing Orders: 124680
623359

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201402545

Special Orders:

Total Depth: 9398

Ground Elevation: 1054

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 250

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: PURCELL

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-26762

DIRECTIONAL HOLE 1

Sec 11 Twp 5N Rge 2W County MCCLAIN

Spot Location of End Point: SE NE SW NW

Feet From: NORTH 1/4 Section Line: 1702

Feet From: WEST 1/4 Section Line: 1276

Measured Total Depth: 9398

True Vertical Depth: 9368

End Point Location from Lease,

Unit, or Property Line: 382

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	4/8/2014 - 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
PENDING CD - 201402545	4/9/2014 - G30 - (E.O.) S2 NW4 11-5N-2W X124680 DEESS, HNTN, VIOL, BRMD, OLCK, OTHERS X623359 JONS, OTHERS SHL NCT 524 FSL, NCT 1132 FWL BHL NCT 330 FNL, NCT 1000 FWL NO OP. NAMED REC 4/11/14 (NORRIS, PER ATTORNEY FOR OPERATOR)
SPACING - 124680	4/9/2014 - G30 - (80) N2 11-5N-2W LD NLT 330' FB DEL 20143 HNTN, BPSLV DEL 38625 BRMD EXT 124101 DEESS, HNTN, VIOL, BRMD, OLCK, OTHERS
SPACING - 623359	4/9/2014 - G30 - (80) NW4 11-5N-2W LD NE/SW EST JONS EXT OTHERS
WATERSHED STRUCTURE	4/8/2014 - G71 - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (405) 527-3452 PRIOR TO DRILLING