

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

API NUMBER: 071 24823

Approval Date: 11/12/2014  
Expiration Date: 05/12/2015

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 25N Rge: 1E County: KAY  
SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 2300 990

Lease Name: STEICHEN Well No: 12-1 Well will be 340 feet from nearest unit or lease boundary.  
Operator Name: INTERNATIONAL ENERGY COMPANY LLC Telephone: 9187437300 OTC/OCC Number: 23556 0

INTERNATIONAL ENERGY COMPANY LLC  
1801 E 71ST ST  
TULSA, OK 74136-3922

RUTH HELEN STEICHEN  
6151 W. FOUNTAIN RD.  
PONCA CITY OK 74601

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

	Name	Depth		Name	Depth
1	LAYTON	3004	6	WILCOX	4378
2	SKINNER	3745	7		
3	RED FORK	3833	8		
4	MISSISSIPPIAN	3993	9		
5	WOODFORD	4330	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201407323

Special Orders:

Total Depth: 4600 Ground Elevation: 972 **Surface Casing: 270** Depth to base of Treatable Water-Bearing FM: 220

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

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: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: WELLINGTON

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-28132  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; 20-MIL LINED TRENCH  
PIT FOR SOIL FARMING

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	11/5/2014 - 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 <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM
PENDING CD - 201407323	11/7/2014 - G75 - (80) N2 NW4 12-25N-1E LD NW4 NW4 NCT 330' FB VAC 36398 SKNRU NW4 NW4 EST LYTN, SKNR, RDFK, MSSP, WDFD, WLCX, OTHERS REC 10-27-2014 (JOHNSON)

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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.