

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

API NUMBER: 071 24749

Approval Date: 04/10/2014
Expiration Date: 10/10/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 25N Rge: 1E County: KAY
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2310 1650

Lease Name: COLLINS Well No: 24-9 Well will be 330 feet from nearest unit or lease boundary.

Operator Name: INTERNATIONAL ENERGY CORPORATION Telephone: 9187437300 OTC/OCC Number: 22390 0

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

PATSY BONNER C/O BUREAU OF INDIAN AFFAIRS
800 AGENCY ROAD
PAWNEE OK 74058

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

| Name | Depth | Name | Depth |
|---------------|-------|------------|-------|
| 1 LAYTON | 2940 | 6 WOODFORD | 4332 |
| 2 CLEVELAND | 3325 | 7 WILCOX | 4338 |
| 3 SKINNER | 3760 | 8 | |
| 4 RED FORK | 3815 | 9 | |
| 5 MISSISSIPPI | 3980 | 10 | |

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4600 Ground Elevation: 932 **Surface Casing: 250** Depth to base of Treatable Water-Bearing FM: 160

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

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-26810
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, 20-MIL LINED TRENCH
PIT FOR SOIL FARMING

| Additional Surface Owner | Address | City, State, Zip |
|-------------------------------|----------------|------------------|
| SUZANNE RHODD C/O BUREAU OF I | 800 AGENCY RD. | PAWNEE, OK 74058 |
| TERESA RHODD C/O BUREAU OF IN | 800 AGENCY RD | PAWNEE, OK 74058 |

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.

Notes:

Category

Description

FRAC FOCUS

4/3/2014 - 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/](http://FRACFOCUS.ORG/) OR FOR OCC ASSISTANCE CONTACT DENNIS NISKERN AT 405-522-2977 OR D.NISKERN@OCCEMAIL.COM

SPACING

4/10/2014 - G75 - FORMATIONS UNSPACED; 40-ACRE LEASE (NE4 NW4)

SURFACE CASING

4/3/2014 - G71 - MIN. 250' PER ORDER # 240901

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071 24749 COLLINS 24-9