

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

API NUMBER: 071 24760

Approval Date: 05/23/2014

Expiration Date: 11/23/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 24 Twp: 25N Rge: 1E County: KAY
SPOT LOCATION: C N2 SE SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 990 1980

Lease Name: NICHOLSON Well No: 24-14 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

HENRY & PAM NICHOLSON
1310 CAUDILL DR.
WATONGA OK 73772

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

	Name	Depth	Name	Depth	
1	LAYTON	3105	6	WILCOX	4564
2	CLEVELAND	3462	7		
3	RED FORK	3978	8		
4	MISSISSIPPI	4157	9		
5	WOODFORD	4522	10		

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4800 Ground Elevation: 929 **Surface Casing: 250** Depth to base of Treatable Water-Bearing FM: 160

Under Federal Jurisdiction: No 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: 14-27049
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	5/20/2014 - G75 - 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	5/20/2014 - G75 - FORMATIONS UNSPACED; 122-ACRE LEASE (N2 SW4, N2 N2 SW4 SW4, E2 SE4 SW4, E2 W2 SE4 SW4, NW4 NW4 SE4 SW4) PER ATTACHED PLAT;
SURFACE CASING	5/20/2014 - G75 - MIN. 250' PER ORDER # 240901
SURFACE LOCATION	5/20/2014 - G75 - 990' FSL, 1616' FNL, 1980' FWL, 652' FEL SW4 24-25N-1E PER SURVEY PLAT

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.

071 24760 NICHOLSON 24-14

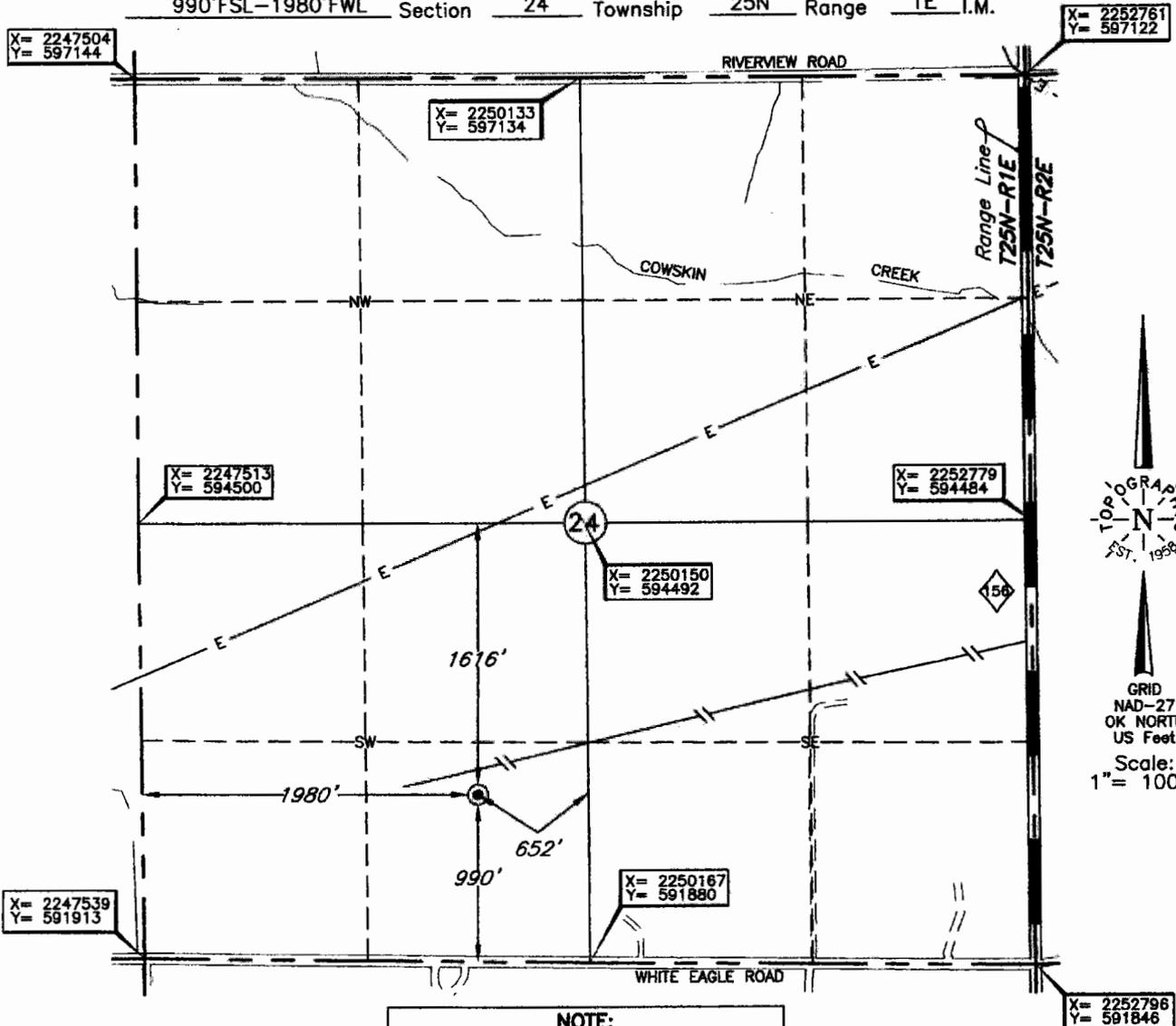
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
 Certificate of Authorization No. 1293.

KAY County, Oklahoma

API 071-24760

990' FSL-1980' FWL Section 24 Township 25N Range 1E I.M.



Operator: INTERNATIONAL ENERGY CORPORATION

Lease Name: NICHOLSON

Well No.: 24-14

ELEVATION:

929' Gr. at Stake

Topography & Vegetation Loc. fell in brush line, 86' SE of pipeline

Good Drill Site? Yes

Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location From South off county road

Distance & Direction
 from Hwy Jct or Town From St. Hwy. 156 at Kay-Noble County Line, go ±2 miles North
 to the SE Cor. of Sec. 24-T25N-R1E

Date of Drawing: Apr. 21, 2014

Invoice # 219656 Date Staked: Apr. 8, 2014

LC

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy)

DATUM: NAD-27
 LAT: 36°37'32.6"N
 LONG: 97°08'59.1"W
 LAT: 36.625708691° N
 LONG: 97.149753115° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2249509
 Y: 592878

CERTIFICATE:

I, Thomas L. Howell a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

Thomas L. Howell
 Oklahoma Lic. No. 1433

