

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

API NUMBER: 071 24757

Approval Date: 05/12/2014

Expiration Date: 11/12/2014

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 25N Rge: 1E County: KAY  
SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 1650 1650

Lease Name: H.T. RANCH Well No: 26-1 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

H.T. RANCH, LLC  
4108 E. 47TH ST.  
TULSA OK 74135

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

Name	Depth	Name	Depth
1 OSAGE LAYTON /MISSOURIAN/	2986	6 MISSISSIPPI LIME	4044
2 CLEVELAND	3361	7 WOODFORD	4414
3 SKINNER	3791	8 WILCOX	4469
4 RED FORK	3843	9	
5 MISSISSIPPI CHAT	4039	10	

Spacing Orders: 80252  
173234  
565156

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4800

Ground Elevation: 928

**Surface Casing: 250**

Depth to base of Treatable Water-Bearing FM: 140

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 14-27039  
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - ARKANSAS RIVER, SALT FORK)

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	5/12/2014 - 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
SPACING	5/12/2014 - G75 - WOODFORD, WILCOX UNSPACED; 40-ACRE LEASE (NE4 NE4)
SPACING - 173234	5/12/2014 - G75 - (40) NE4 26-25N-1E EXT 161616 OSGL EST MSSLM
SPACING - 565156	5/12/2014 - G75 - (40) N2 NE4 26-25N-1E EXT 64117 MSSCT EST CLVD, RDFK, OTHERS
SPACING - 80252	5/12/2014 - G75 - (40) NE4 26-25N-1E EST SKNR
SURFACE CASING	5/12/2014 - G71 - MIN. 250' PER ORDER # 240901

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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.

071 24757 H.T. RANCH 26-1

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**

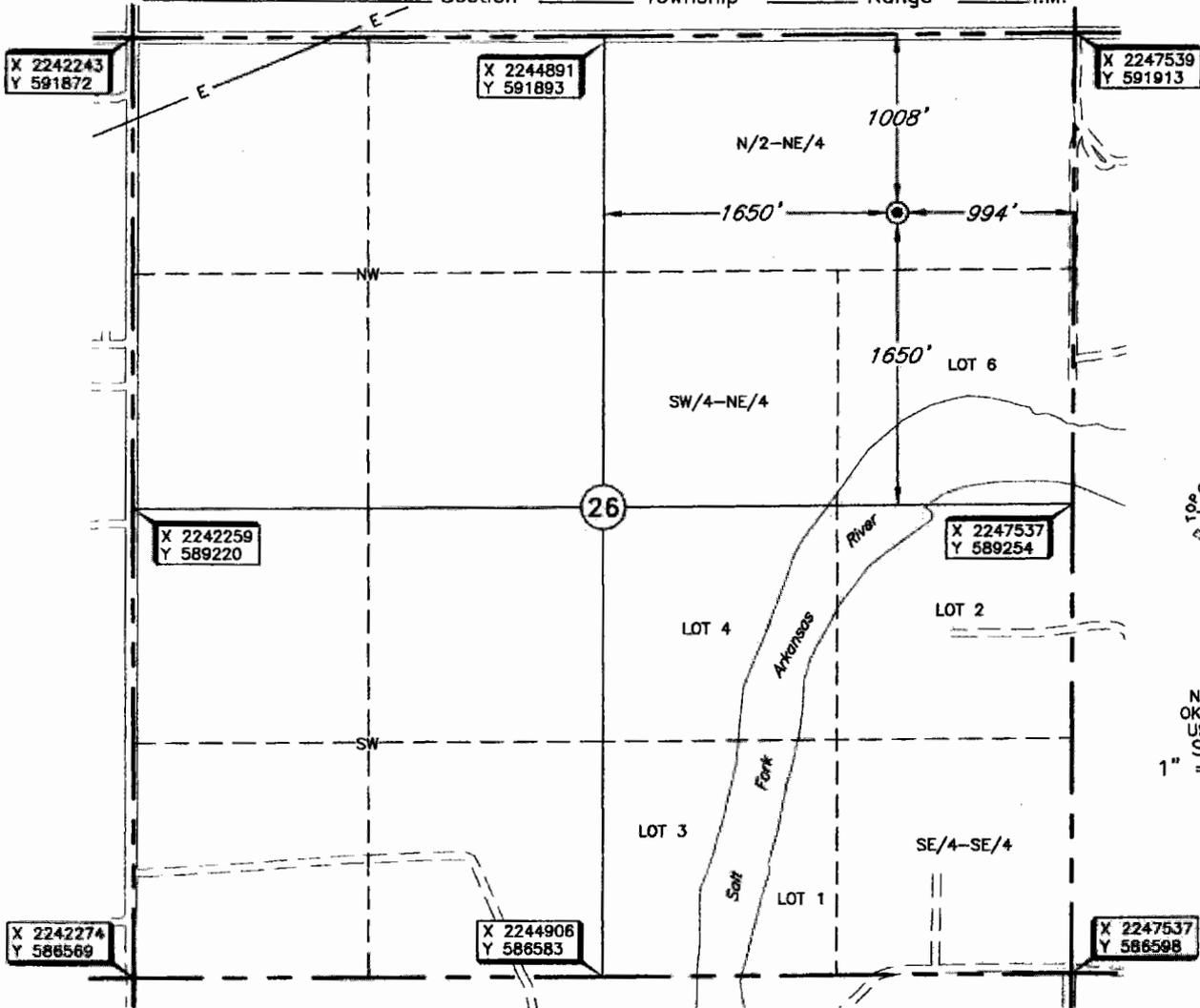
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. 1293.

KAY

County, Oklahoma

API 071-24957

1650' FSL - 1650' FWL - NE/4 Section 26 Township 25N Range 1E I.M.



GRID  
 NAD-27  
 OK NORTH  
 US FEET  
 Scale:  
 1" = 1000'

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

Operator: INTERNATIONAL ENERGY CORPORATION  
 Lease Name: HT RANCH

**ELEVATION:**  
928' Gr. at Stake

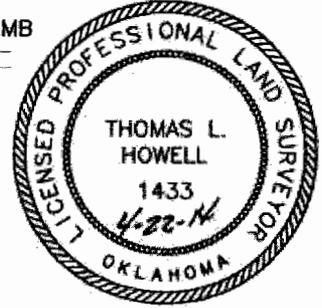
Well No.: 26-1  
 Topography & Vegetation Loc. fell in plowed field  
 Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None  
 Best Accessibility to Location From North off county road  
 Distance & Direction From the junction of St. Hwy 156 N-S & US Hwy 77 E-W, go ± 4.5 miles South on St. Hwy 156, then ± 1 mile West to the Northeast Corner of Section 26, T25N - R1E.

DATUM: NAD-27  
 LAT: 36°37'13.2"N  
 LONG: 97°09'35.7"W  
 LAT: 36.620340440° N  
 LONG: 97.159915640° W  
 STATE PLANE  
 COORDINATES (US FEET):  
 ZONE: OK NORTH  
 X: 2246544  
 Y: 590898

Date of Drawing: Apr. 21, 2014  
 Invoice # 220776 Date Staked: Apr. 17, 2014 NMB

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

Thomas L. Howell  
 Oklahoma Reg. No. 1433



This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy