

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

API NUMBER: 027 21460

Approval Date: 02/21/2014

Expiration Date: 08/21/2014

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 18 Twp: 8N Rge: 2W

County: CLEVELAND

SPOT LOCATION: NE SW NW NE

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 754 2155

Lease Name: NORMAN

Well No: 3-18A

Well will be 754 feet from nearest unit or lease boundary.

Operator Name: BARON EXPLORATION COMPANY

Telephone: 4053411779

OTC/OCC Number: 17195 0

BARON EXPLORATION COMPANY
107 S BROADWAY
EDMOND, OK 73034-3843

CITY OF NORMAN ATTN: DAVID WOODS
201 W. GRAY
NORMAN OK 73069

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

	Name	Depth	Name	Depth
1	PRUE	6950	6	
2	SKINNER	7100	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 9086

Ground Elevation: 1092

Surface Casing: 1200

Depth to base of Treatable Water-Bearing FM: 520

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:

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

H. CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER)

DIRECTIONAL HOLE 1

Sec 18 Twp 8N Rge 2W County CLEVELAND

Spot Location of End Point: NE SW SW NE

Feet From: SOUTH 1/4 Section Line: 343

Feet From: EAST 1/4 Section Line: 2155

Measured Total Depth: 9086

True Vertical Depth: 9050

End Point Location from Lease,

Unit, or Property Line: 343

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	2/20/2014 - G75 - CHEMICAL DISCLOSURE REQUIREMENT 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	2/20/2014 - G75 - FORMATIONS UNSPACED; 160-ACRE LEASE (W2 NE4 & E2 NW4)
SURFACE CASING	2/19/2014 - G71 - MIN. 1200' PER CITY OF NORMAN

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.

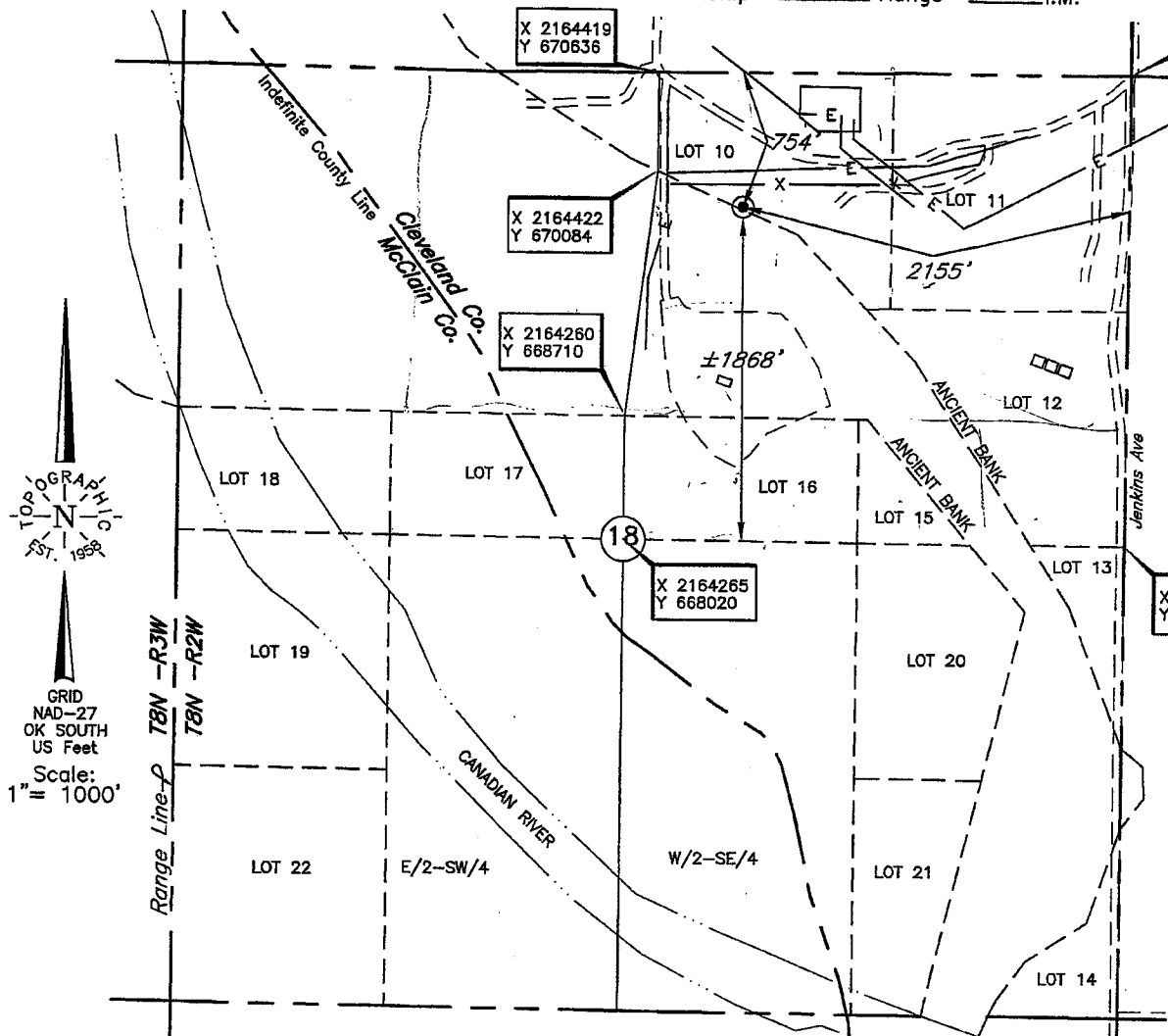
027 21460 NORMAN 3-18A

API 027-21460

CLEVELAND

County, Oklahoma

754' FNL-2155' FEL Section 18 Township 8N Range 2W I.M.



X 2167057
Y 670684

SURFACE HOLE
 754' FNL-2155' FEL
 NAD-83 (US Feet)
 35°10'22.5" N
 97°26'54.8" W
 35.172854634" N
 97.448236788" W
 X=2133310
 Y=669934

X 2164419
Y 670636

X 2164422
Y 670084

X 2164260
Y 668710

X 2164265
Y 668020

X 2167072
Y 668043



A boundary survey of the said section(s) shown hereon was not performed per the request of the operator shown hereon.

Operator: BARON EXPLORATION COMPANY

Lease Name: NORMAN

Well No.: 3-18

ELEVATION:
 1092' Gr. at Stake (NGVD29)
 1092' Gr. at Stake (NAVD88)

Topography & Vegetation Loc. fell in pasture, ±150' South of E-W fence

Good Drill Site? Yes

Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location From North off lease road

Distance & Direction
 from Hwy Jct or Town From the Jct. of I-35 & St. Hwy. 9, go ±2 miles Southeast on St. Hwy. 9, then ±0.5 mile South to the NE Cor. of Sec. 18-T8N-R2W

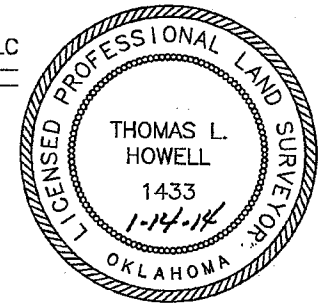
DATUM: NAD-27
 LAT: 35°10'22.3"N
 LONG: 97°26'53.7"W
 LAT: 35.172854634° N
 LONG: 97.448236788° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2164906
 Y: 669891

Invoice # 214265 Date of Drawing: Jan. 13, 2014
 Date Staked: Jan. 9, 2014 LC

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 hereon.

Thomas L. Howell
 Oklahoma Lic. No. 1433



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