

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

API NUMBER: 045 23425

Approval Date: 01/21/2014
Expiration Date: 07/21/2014

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 17N Rge: 24W County: ELLIS
SPOT LOCATION: S2 S2 S2 S2 FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 250 2640

Lease Name: DUNN Well No: 8-27H Well will be 250 feet from nearest unit or lease boundary.
Operator Name: CRAWLEY PETROLEUM CORPORATION Telephone: 4052329700 OTC/OCC Number: 7980 0

CRAWLEY PETROLEUM CORPORATION
105 N HUDSON AVE STE 800
OKLAHOMA CITY, OK 73102-4803

OKLAHOMA DEPT. OF WILDLIFE CONSERVATION
P.O. BOX 53465
OKLAHOMA CITY OK 73152

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

Name	Depth	Name	Depth
1 CLEVELAND	9740	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 217220

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201308423
201308422

Special Orders:

Total Depth: 14800

Ground Elevation: 2239

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 450

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Type of Pit System: ON SITE

Type of Mud System: WATER BASED

Chlorides Max: 85000 Average: 5000

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: OGALLALA

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 14-26207

H. SOIL COMPACTED PIT, NOTIFY DISTRICT PRIOR TO TESTING SOIL PIT LINER

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.

HORIZONTAL HOLE 1

Sec 27 Twp 17N Rge 24W County ELLIS

Spot Location of End Point: N2 N2 N2 N2

Feet From: NORTH 1/4 Section Line: 300

Feet From: EAST 1/4 Section Line: 2640

Depth of Deviation: 9199

Radius of Turn: 573

Direction: 360

Total Length: 4701

Measured Total Depth: 14800

True Vertical Depth: 9772

End Point Location from Lease,
Unit, or Property Line: 300

Notes:

Category	Description
PENDING CD - 201308422	1/21/2014 - G75 - 27-17N-24W X217220 CLVD 1 WELL NO OP. NAMED REC 1-14-2014 (OSBURN)
PENDING CD - 201308423	1/21/2014 - G75 - (I.O.) 27-17N-24W X217220 CLVD COMPL. INT. NCT 300 FSL, NCT 300 FNL, NCT 1320 FEL NO OP. NAMED REC 1-14-2014 (OSBURN)
SPACING - 217220	1/21/2014 - G75 - (640) 27-17N-24W EXT 138264 CLVD, OTHER

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

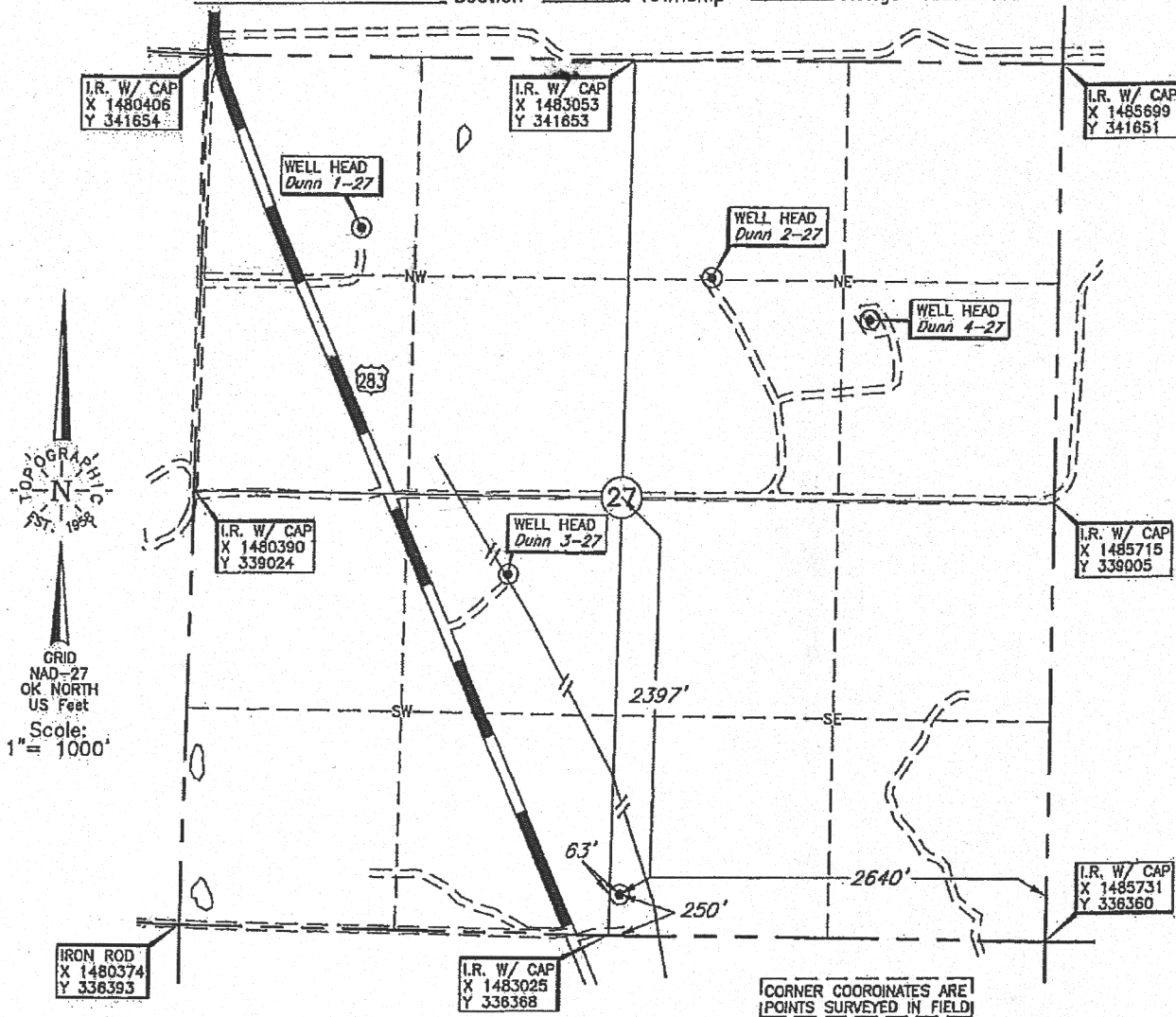
APT 045-23425

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

ELLIS

County, Oklahoma

250' FSL - 2640' FEL Section 27 Township 17N Range 24W I.M.



Operator: CRAWLEY PETROLEUM CORP.

Lease Name: DUNN

Well No.: 8-27H

ELEVATION:

2239' Gr. at Stake

Topography & Vegetation Loc. fell in level grass pasture, ±175' SW of NW-SE pipeline, ±315' NE of Hwy. R/W fence.

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From West off. U.S. Hwy. 283.
 Distance & Direction From the Jct. of US Hwy 60 E-W & US Hwy 283 S, East of Arnett, OK, go ±15.5 miles South on U.S. Hwy. 283 to the South Line of Section 27-T17N-R24W.

Date of Drawing: Dec. 20, 2013

Invoice # 212515 Date Staked: Dec. 11, 2013 JP

This information was gathered with a GPS receiver with ±1 foot horiz./vert. accuracy
 DATUM: NAD-27
 LAT: 35°54'43.2"N
 LONG: 99°44'44.2"W
 LAT: 35.911986249° N
 LONG: 99.745624396° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 1483089
 Y: 336618

CERTIFICATE:

I, Lee K. Goss a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Lee K. Goss
 Oklahoma Lic. No. 1778

