

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

API NUMBER: 055 20712

Approval Date: 01/30/2013

Expiration Date: 07/30/2013

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 3N Rge: 22W

County: GREER

SPOT LOCATION: NW NW NW SE

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 2500 2320

Lease Name: MURPHY 11

Well No: 1

Well will be 2320 feet from nearest unit or lease boundary.

Operator Name: HEIGHTS ENERGY CORPORATION

Telephone: 9723780304

OTC/OCC Number: 23012 0

HEIGHTS ENERGY CORPORATION
5801 TENNYSON PKWY STE 300
PLANO, TX 75024-6170

MILDRED W. MURPHY REVOCABLE TRUST
1520 EAST 39TH STREET
HIBBING MI 56746

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

	Name	Depth	Name	Depth
1	CANYON	3800	6	
2	STRAWN	4400	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 7000

Ground Elevation: 1484

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 230

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

A. Evaporation/dewater and backfilling of reserve pit.

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: FLOWERPOT

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

SPACING

1/30/2013 - G75 - FORMATIONS UNSPACED; 640-ACRE LEASE

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.

055 20712 MURPHY 11 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.

GREER

County, Oklahoma

2500' FSL-2320' FEL Section 11 Township 3N Range 22W I.M.

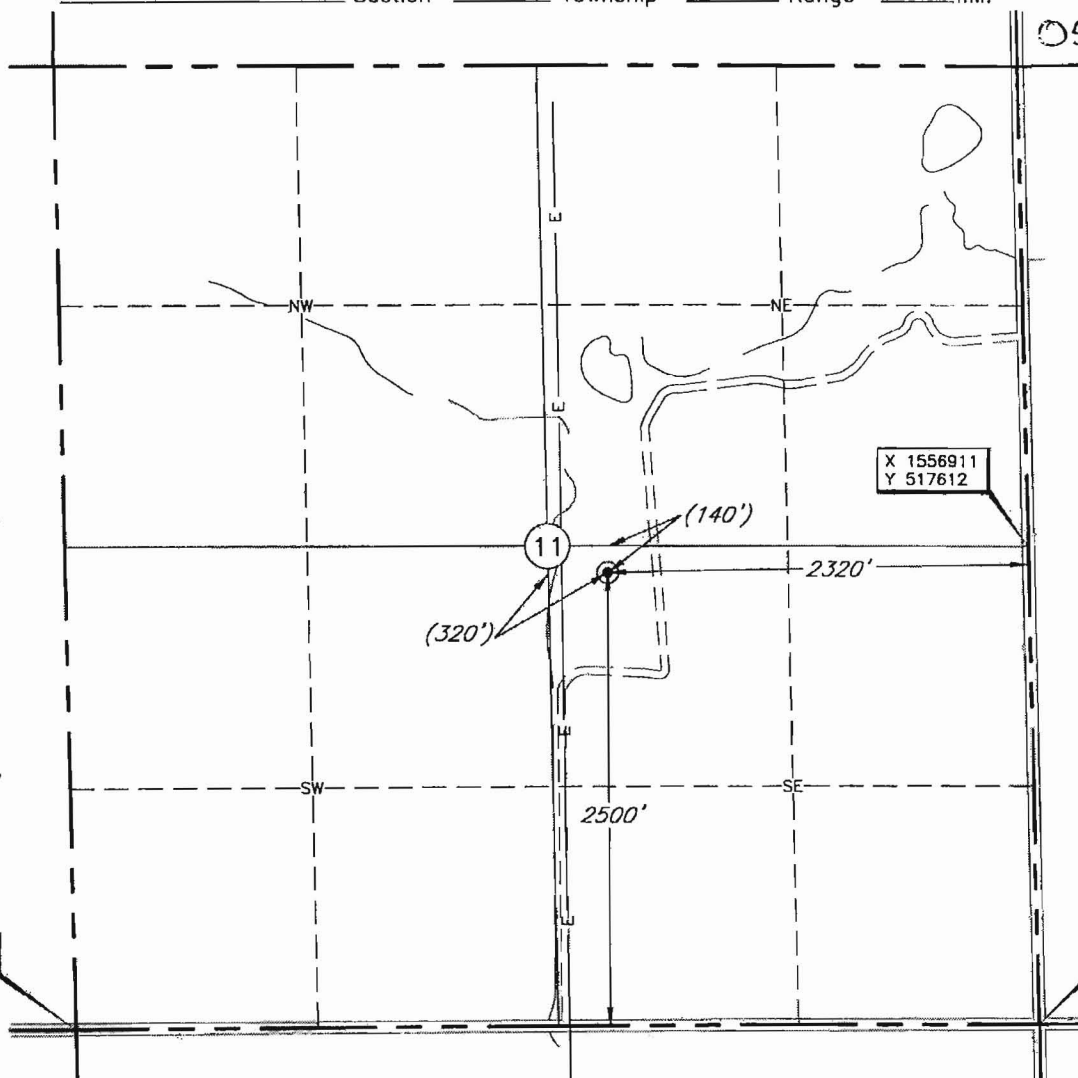
ART

055-20712



GRID
Scale:
1" = 1000'

X 1551607
Y 515073



CORNER COORDINATES ARE TAKEN FROM POINTS SURVEYED IN THE FIELD.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.

SCANNED

Operator: HEIGHTS ENERGY CORPORATION

Lease Name: MURPHY 11

Well No.: #1

ELEVATION:

1484' Gr. at Stake

Topography & Vegetation Loc. fell in a cactus & mesquite area, ±256' West to OH transmission power line.

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

Best Accessibility to Location From the South or East off county road.

Distance & Direction from Hwy Jct or Town From Mangum OK, go ±7.5 miles South on St. Hwy. 34, then ±5.0 miles East, then ±2.0 mile South to the SE Corner of Section 11, T3N-R22W.

DATUM: NAD-27
LAT: 34°44'47.2"N
LONG: 99°28'57.8"W
LAT: 34.746442219° N
LONG: 99.482716046° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 1554591
Y: 517519

Invoice # 195773

Date of Drawing: Jan. 25, 2013

Date Staked: Jan. 24, 2013

SM

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.

Oklahoma Lic. No. 1778



This information was gathered with a GPS receiver with Sub-Meter accuracy.