

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

API NUMBER: 117 23529

Approval Date: 04/11/2013
Expiration Date: 10/11/2013

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 16 Twp: 20N Rge: 8E

County: PAWNEE

SPOT LOCATION: C S2 SE

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 660 1320

Lease Name: SCHOOL LAND

Well No: 1-16

Well will be 660 feet from nearest unit or lease boundary.

Operator Name: HALL GREG OIL & GAS LLC

Telephone: 4053306238

OTC/OCC Number: 21902 0

HALL GREG OIL & GAS LLC
P.O. Box 785
EDMOND, OK 73003-0008

COMMISSIONERS OF THE LAND OFFICE
120 N. ROBINSON, SUITE 1000W
OKLAHOMA CITY OK 73102

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

Name	Depth	Name	Depth
1 CLEVELAND	1781	6 MISSISSIPPI	2810
2 PRUE	2250	7 WILCOX	3060
3 SKINNER	2316	8 ARBUCKLE	3150
4 RED FORK	2488	9	
5 BARTLESVILLE	2625	10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4000

Ground Elevation: 909

Surface Casing: 520

Depth to base of Treatable Water-Bearing FM: 470

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 located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is BED AQUIFER

Pit Location Formation: VAMOOSA

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	4/9/2013 - G75 - FORMATIONS UNSPACED; 160-ACRE LEASE (SE4)
SURFACE LOCATION	4/9/2013 - G75 - 660' FSL, 1320' FWL SE4 16-20N-8E 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.

117 23529 SCHOOL LAND 1-16

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.

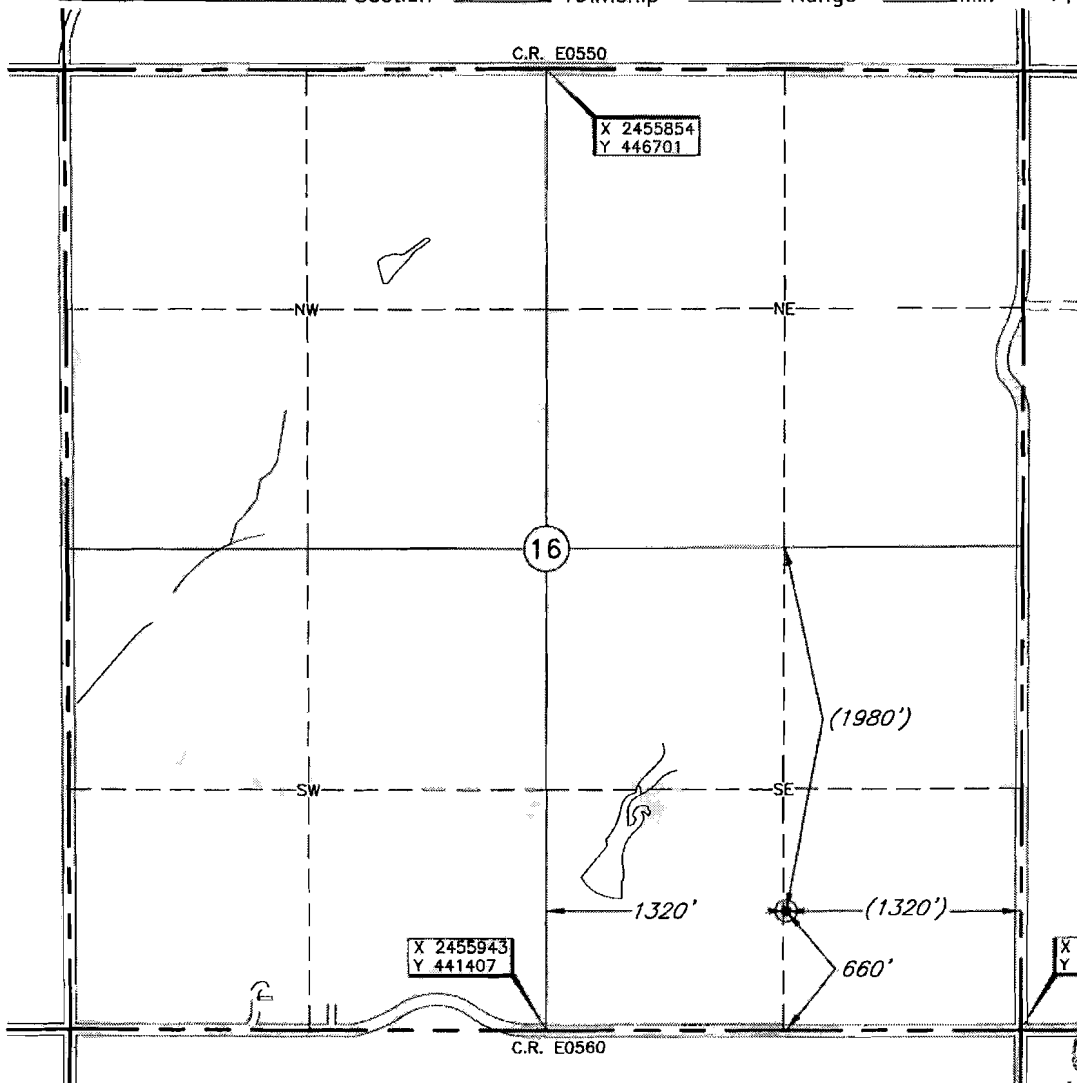
PAWNEE

County, Oklahoma

660' FSL-1320' FWL-SE/4 Section 16 Township 20N Range 8E I.M.

API

117-23529



GRID
 NAD-27
 Okla. North
 US Feet
 SCALE:
 1"=1000'

SCANNED

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 GLD (General Land Office) distances and have NOT been measured on the ground.

Operator: GREG HALL OIL & GAS
 Lease Name: SCHOOL LAND

ELEVATION:
 909' Gr. at Stake

Well No.: 1-16

Topography & Vegetation Loc. fell in rolling hills with some trees & open pasture to the North & West.

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 Terilton, OK, go ±.5 mi. East on Benight Rd., then North ±0.7 mi. on Airport Rd., then ±2.0 mi. East on County Road E0560 Rd. to the SE Corner of Section 16-T20N-R8E.

This information was gathered with a GPS receiver with ±1.0' accuracy.

DATUM: NAD-27
 LAT: 36°12'16.1"N
 LONG: 96°27'00.5"W
 LAT: 36.204465452°N
 LONG: 96.450126015°W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2457252
 Y: 442087

Date of Drawing: Mar. 28, 2013
 Invoice # 198835 Date Staked: Mar. 27, 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

