API NUMBER: 111 10350 A

Straight Hole Stratigraphic Test

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

Approval Date: 06/16/2016
Expiration Date: 12/16/2016

PERMIT TO RE-ENTER

WELL LOCATION: Sec: 01 Twp: 12N Rge: 12E County: OKMULGEE

SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM **SOUTH** FROM **EAST**
SECTION LINES: **317** **416**

**Lease Name: HAMMONDS** **Well No: 1** **Well will be 317 feet from nearest unit or lease boundary.**

**Operator Name:** **LANDSEER EXPLORATION LLC** Telephone: 7139041942 OTC/OCC Number: 23740 0

LANDSEER EXPLORATION LLC
5300 MEMORIAL DR STE 475
HOUSTON, TX 77007-8230

BOBBY G. MONROE & DONA MONROE
21701 SOUTH 220 ROAD
HENRYETTA OK 74437

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

| | Name | Depth | | Name | Depth |
|---|---|---|---|---|---|
| 1 | WILCOX | 3032 | 6 | | |
| 2 | | | 7 | | |
| 3 | | | 8 | | |
| 4 | | | 9 | | |
| 5 | | | 10 | | |

Spacing Orders: No Spacing Location Exception Orders: Increased Density Orders:

Pending CD Numbers: Special Orders:

Total Depth: 3072 Ground Elevation: 638 **Surface Casing: 1330** **IP** Depth to base of Treatable Water-Bearing FM: 110

Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes

PIT 1 INFORMATION

Type of Pit System: ON SITE
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: CALVIN

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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 | 6/16/2016 - G75 - NA-STRATIGRAPHIC TEST |
| SURFACE LOCATION | 6/16/2016 - G75 - 317' FSL, 416' FEL SE4 1-12N-12E 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.

# Well Location Plat

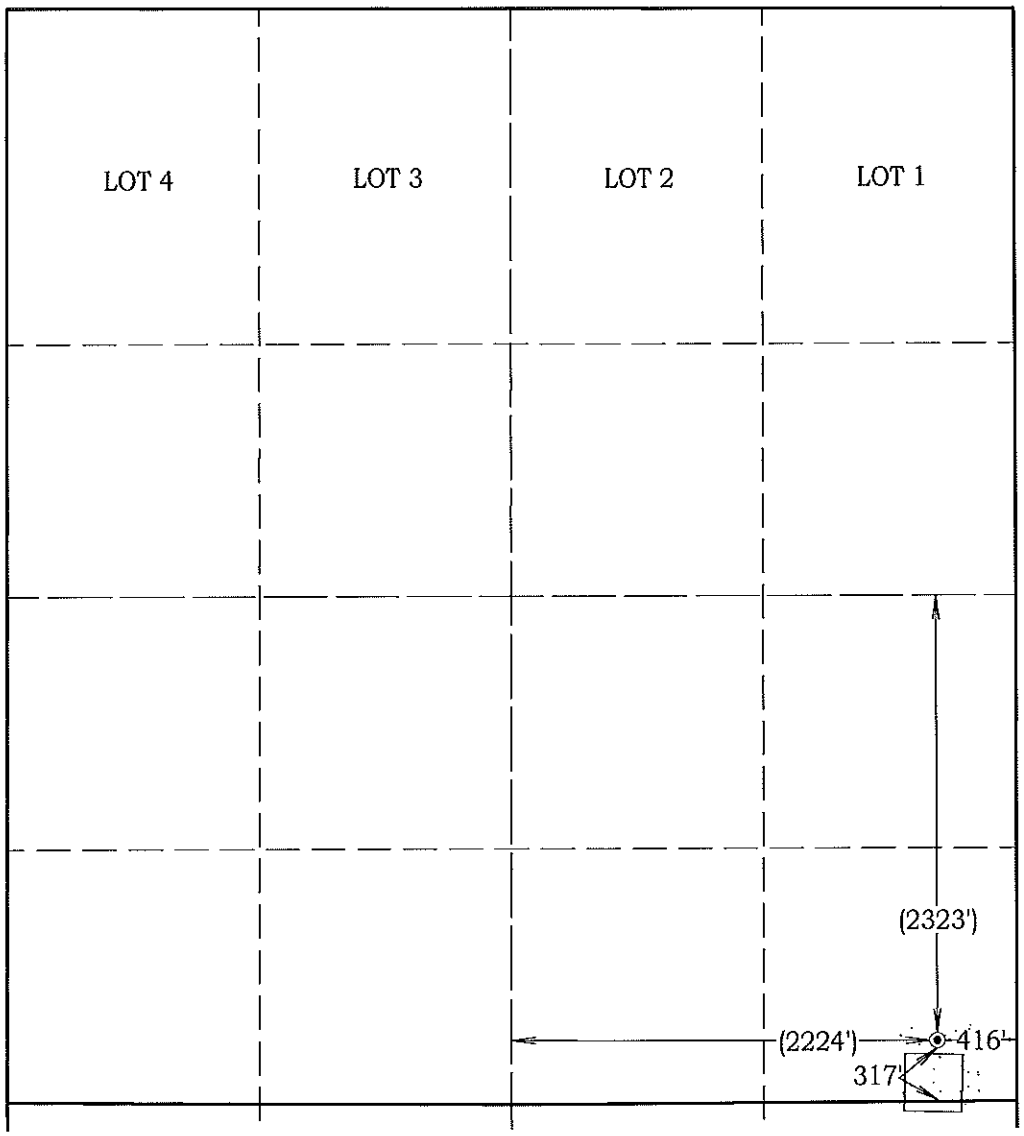
API 111-10350 A

M & M Land Surveying, Inc.
**520 "E" Street NW. Ardmore, OK 73401**
**Office 580-226-0446 Mobile 580-221-4999**

Company Name: Newfield Exploration Mid-Continent, Inc. Lease Name: Hammonds #1

Section 1 Township 12 North Range 12 East County Okmulgee Oklahoma

Surface Location 317' FSL - 416' FEL Elevation 638' Good Location? Yes Topography Existing Well Head



Scale: 1" = 1000'
Invoice #16207
Date 5/26/16

**Coordinates were derived from GPS RTK methods and are only accurate within ±10 feet**

**Location GPS NAD 27 Oklahoma North**
Surface Location
Latitude: 35.53705°
Longitude: 95.98262°
Y= 201,728'
X = 2,600,207'

**Location NAD 83**
Surface Location
Latitude: 35.53716°
Longitude: 95.98290°
Y= 201,770'
X = 2,568,611'

Best Accessibility to Location From the South

Distance & Direction From Highway or Town From the Jct. of U.S. 266 and U.S. #75, go ±4.4 miles North on U.S. #75, then 0.5 miles West, 1.5 miles North, 1 mile West and 0.5 miles South on County Roads to the Southeast Corner of Section 1.

CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown.

6/2/16

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

REGISTERED PROFESSIONAL LAND SURVEYOR
D. HARRY MCCLINTICK
1367
OKLAHOMA

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis ( ) are calculated distances based on the quarter section being 2640' and have not been measured.