

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

API NUMBER: 019 26221

Approval Date: 05/23/2016  
Expiration Date: 11/23/2016

Straight Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 2S Rge: 2W County: CARTER  
SPOT LOCATION:  NW  NE  SE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 1181 2186

Lease Name: HARRELL Well No: 4 Well will be 139 feet from nearest unit or lease boundary.  
Operator Name: WILDHORSE OPERATING COMPANY Telephone: 5802230936 OTC/OCC Number: 20720 0

WILDHORSE OPERATING COMPANY  
PO BOX 1604  
ARDMORE, OK 73402-1604

LARRY YOUNG  
P.O. BOX 343  
HEALTON OK 73438

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

Name	Depth	Name	Depth
1 HOXBAR	900	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201601076

Special Orders:

Total Depth: 2500 Ground Elevation: 904 Surface Casing: 0 Depth to base of Treatable Water-Bearing FM: 1000

Cement will be circulated by use of a two-stage cementing tool from 1100 to 0 .

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: 5000 Average: 2500

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: OSCAR

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

H. CBL REQUIRED

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
ALTERNATE CASING	5/3/2016 - G71 - APPROVED WITH THE FOLLOWING CONDITIONS: 1) DRILLING FLUID WILL BE MUD PRIOR TO TOTAL DEPTH TO PROTECT SHALLOW SANDS; 2) TWO-STAGE CEMENTING TOOL TO BE SET NO DEEPER THAN 100' BELOW BTW; AND, 3) COPY OF CBL NEEDS TO BE SUBMITTED TO OCC TECHNICAL STAFF IMMEDIATELY. A COMPLETION ATTEMPT, IN CASES WHERE THE PROTECTION OF THE TREATABLE WATER IS QUESTIONABLE, IS STRICTLY PROHIBITED PER OCC 165:10-3-4(D)(4)(C)
HYDRAULIC FRACTURING	4/28/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK <a href="http://fracfocus.org/">HTTP://FRACFOCUS.ORG/</a> WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
PENDING CD - 201601076	5/5/2016 - G75 - E2 SE4 SW4 22-2S-2W X165:10-1-21 HXBR 139 FNL, 206 FWL NO OP. NAMED REC 4-19-2016 (LEAVITT)
SPACING	5/5/2016 - G75 - FORMATION UNSPACED; 20-ACRE LEASE (E2 SE4 SW4)

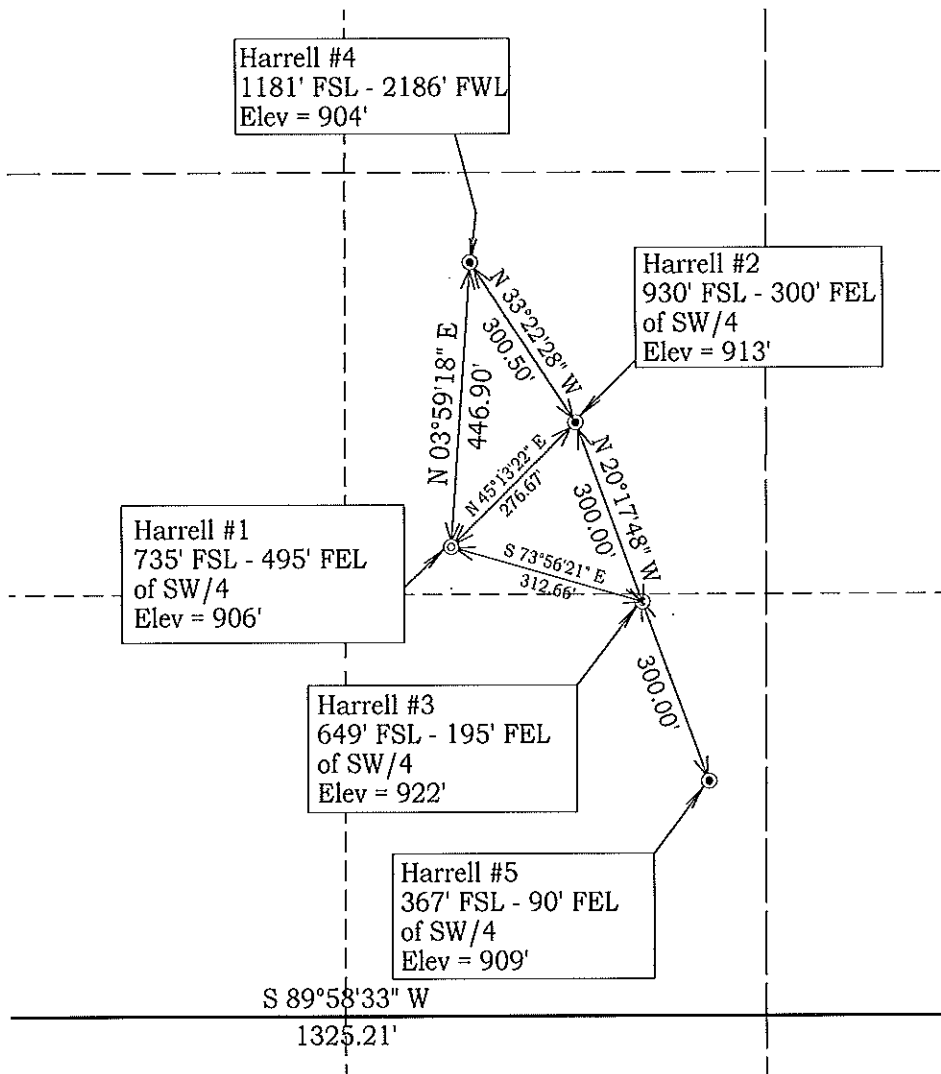
# Well Location Plat

API 019-26221

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

Company Name: Wildhorse Lease Name: Harrel #4  
 Section 22 Township 2 South Range 2 West County Carter Oklahoma

Original Location 1181' FSL - 2186' FWL Elevation 904' Good Location? Yes Topography  
 Alternate # 1 \_\_\_\_\_ Location fell in pasture.  
 Alternate # 2 \_\_\_\_\_



Scale: 1" = 1000'  
 Invoice # 16050  
 Date 2/10/16

Location G.P.S. (WGS84)  
 Longitude: -97.39744°  
 Latitude: 34.36491°

Best Accessibility to Location  
From the West

Distance & Direction From From the jct. of SH. #53 and Midway Road, go 3 miles North on Midway Road to the Southeast Corner of the Section 22.  
 Highway or Town \_\_\_\_\_

## 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.

*D. Harry McClintick*  
 D. Harry McClintick, R.P.L.S. # 1367, CA # 3093 Exp. 6/30/07

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.

