

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

API NUMBER: 019 26343

Approval Date: 11/04/2019

Expiration Date: 05/04/2021

Straight Hole

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 07 Twp: 2S Rge: 2W

County: CARTER

SPOT LOCATION: ☐ NW ☐ NE ☐ SE ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 1447 2246

Lease Name: SW WILDCAT JIM DEESE UNIT

Well No: SWDU 15-3-I

Well will be 1447 feet from nearest unit or lease boundary.

Operator Name: MACK ENERGY CO

Telephone: 5802525580; 5802525

OTC/OCC Number: 11739 0

MACK ENERGY CO  
PO BOX 400  
DUNCAN, OK 73534-0400

J PAUL JOHNSON  
PO BOX 126  
FOX OK 73435

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

Name	Depth	Name	Depth
1 DEESE	2720	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 701901

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 4250

Ground Elevation: 1011

**Surface Casing: 1280**

Depth to base of Treatable Water-Bearing FM: 1230

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: GARBER

Notes:

This permit does not address the right of entry or settlement of surface damages.  
The duration of this permit is 18 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
HYDRAULIC FRACTURING	<p>10/14/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
SPACING - 701901	<p>11/4/2019 - GC2 - (UNIT) W2 7-2S-2W</p> <p>EST SW WILDCAT JIM DEESE OPERATING UNIT FOR THE DEESS</p>

019-26343

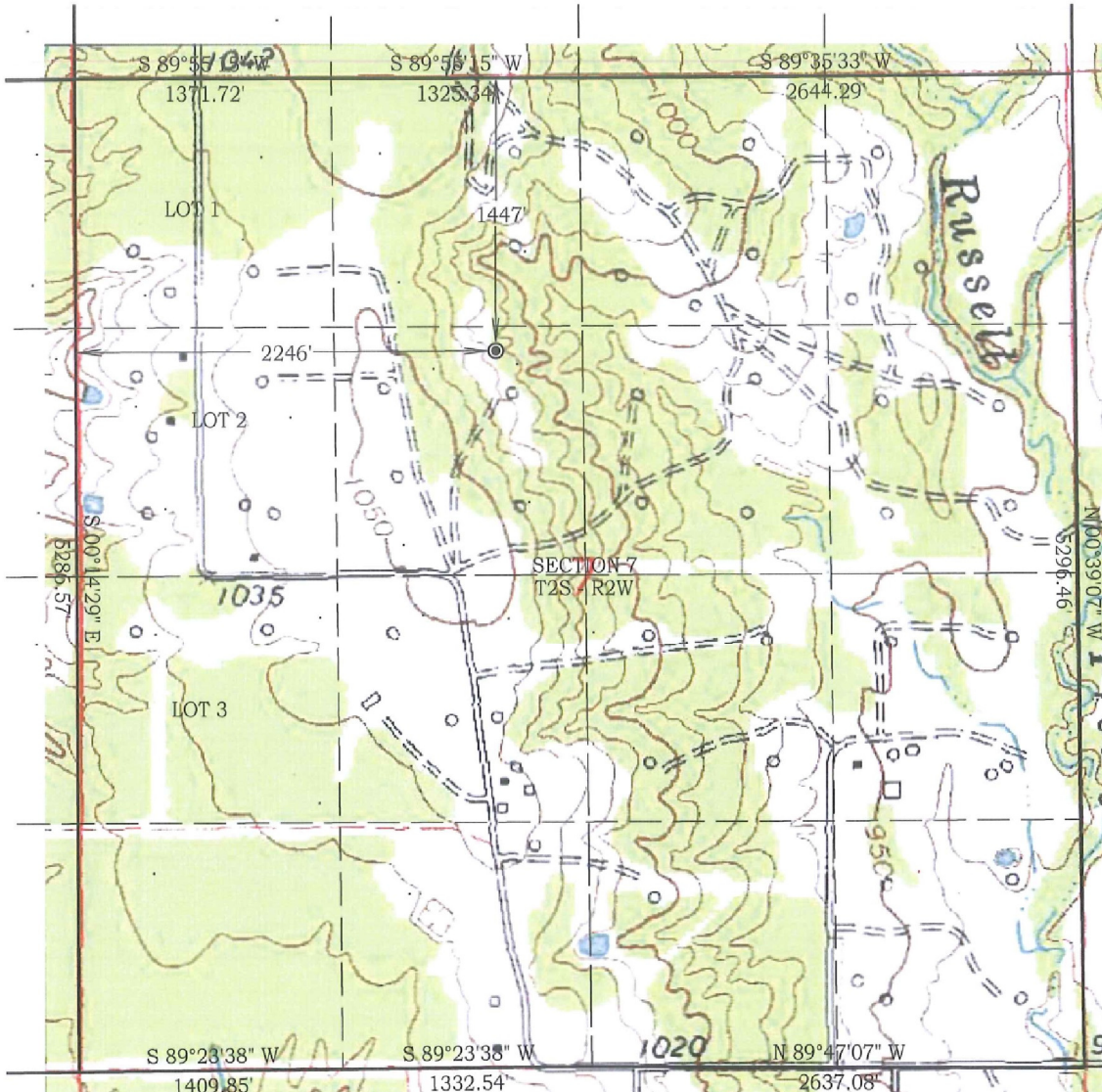
## Well Location Plat

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

Company Name: Mack Energy Lease Name: SW WJDU #15-3-I  
Section 7 Township 2 South Range 2 West County Carter Oklahoma  
Surface Location 1447' FNL - 2246' FWL Elevation \_\_\_\_\_ Good Location? Yes

### Topography

Pasture ±45' North of  
existing well.



SCALE 1" = 1000'  
0' 1000'

Job # 19318  
Date 09/12/2019  
Re-Calc. 10/14/19

**NAD 83 OK North**  
Surface Location  
Latitude: 34.40131°  
Longitude: 97.45000°  
N = 389,110'  
E = 2,134,406'

Best Accessibility to Location  
From the South or West

Distance & From the Jct Samedan Road and Ranch Road go 1 mile South on Samedan  
Direction From Road to a point ± 660' East of the Northwest Corner of Section 7.  
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 10/14/19  
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

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.

