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Oil & Gas

Directional Hole

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

Approval Date: 06/08/2020 Expiration Date: 12/08/2021

PERMIT TO DRILL

SPOT LOCATION: NE NE SW FEET FROM QUARTER: FROM SOUTH FROM WEST SECTION LINES: 2495 1880	WELL LOCATION:	Section: 07	Township:	2S Ra	nge: 2W	County:	CARTER					
Lesse Name: SW WILDCAT JIM DEESE UNIT Well Wil No: 19-24 Well will be 1880 feet from nearest unit or lesses boundary. Operator Name: MACK ENERGY CO Telephone: SS0222528080 OTC/OCC Number: 117.39 0 MACK ENERGY CO DO BOX 400 DUNCAN, OK 73534-0400 BRADY/DRIVER CO TC CRAIGHEAD DO BOX 576 PO BOX 400 DUNCAN, OK 73534-0400 BRADY/DRIVER CO TC CRAIGHEAD DO K 73402 Formation(s) (Permit Valid for Listed Formations Only): Immerity Immerity Immerity OK 73402 Statisting Others: 701901 Immerity Code on Popin Immerity Immerity Special Orders: No Enception Statisting Others: 701901 Immerity Code on Enception Orders: No Enceptions Immerity Special Orders: No Enceptions Paring CD Number: No Parintip Code on Enception Orders: No Enceptions Immerity Immerity Immerity Special Orders: No Enceptions Immerity	SPOT LOCATION:		· · ·	7								
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Spot Location of End Point: NW NE SW True Vertical Depth: 4400 Feet From: SOUTH 1/4 Section Line: 2398 End Point Location from				0			Meas	sured Total Dep	th: 44	142		
Feet From: SOUTH 1/4 Section Line: 2398 End Point Location from	Spot Location			NE	SW							
						98						
										307		

NOTES:

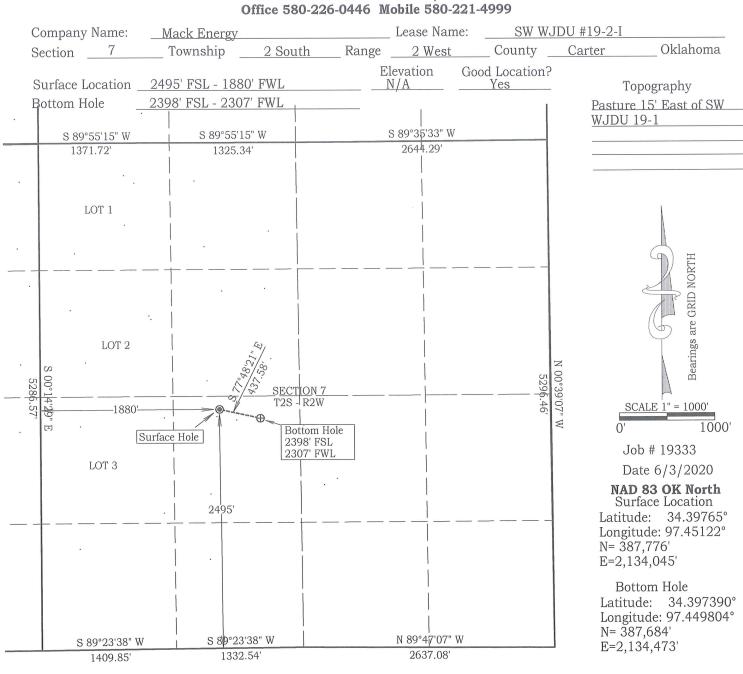
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
HYDRAULIC FRACTURING	6/5/2020 - G71 - OCC 165:10-3-10 REQUIRES:
	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;
	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: OCCEWEB.COM/OG/OGFORMS.HTML; AND,
	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: FRACFOCUS.ORG
SPACING - 701901	6/8/2020 - GC2 - (UNIT) NE4 SW4 7-2S-2W EST SW WILDCAT JIM DEESE OPERATING UNIT FOR THE DEESS

API:019-26395

Well Location Plat

M & M Land Surveying, Inc. 520 "E" Street NW. Ardmore, OK. 73401



Best Accessibility to Location From the North or East

Distance & _____From the Jct Samedan Road and Ranch Road go 1.5 miles South on _____ Direction From _____Samedan Road to a point ± 660' East of the Northwest Corner of SW/4 of Highway or Town _____Section 7.

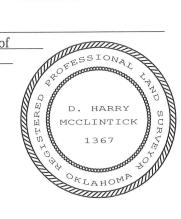
CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was calculated and is accurately shown on this plat.

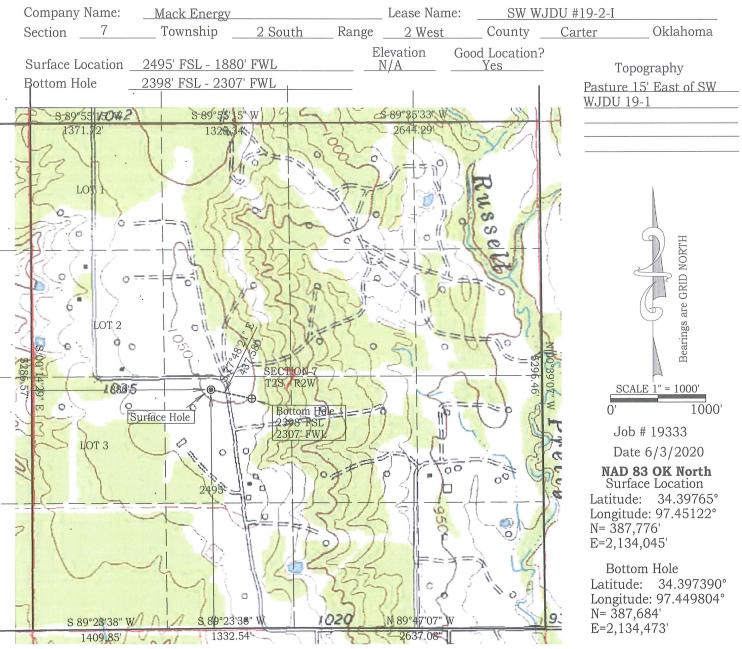
D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been calculated from Latitude and Longitude coordinates provided to me by Mack Energy and have not been verified.

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



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



Best Accessibility to Location From the North or East

 Distance & ______
 From the Jct Samedan Road and Ranch Road go 1.5 miles South on

 Direction From ______
 Samedan Road to a point ± 660' East of the Northwest Corner of SW/4 of

 Highway or Town ______
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CERTIFICATE:

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was calculated and is accurately shown on this plat.

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

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