API NUMBER: 051 24659

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

Approval Date: 06/24/2019
Expiration Date: 12/24/2020

24268 0

Well will be 241 feet from nearest unit or lease boundary.

OTC/OCC Number:

Horizontal Hole Multi Unit Oil & Gas

PERMIT TO DRILL

					<u></u>		
WELL LOCATION		Rge: 5W	County	/: GRA	DY SOUTH	FROM	WEST
SFOT LOCATION		SW	SECTION LINES:	TROW	241	TROM	2345
Lease Name:	YELLOW SUB 0605-35-2		We	ell No:	3WHX		
Operator Name:	WARWICK-JUPITER LL	С			Teleph	none:	4056073400

SAMUEL COLBERT DAVIS III 4219 NORTH COUNCIL AVENUE

BLANCHARD OK 73010

WARWICK-JUPITER LLC
6608 N WESTERN AVE BOX 417
OKLAHOMA CITY, OK 73116-7326

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

	Name	Depth	Name	Dept	h
1	WOODFORD	12020	6		
2			7		
3			8		
4			9		
5			10		
Spacing Orders:	686007	Location Exception Orders:	695075	Increased Density Orders:	692794
	695070		695598		692795
	692241				

Pending CD Numbers: Special Orders:

Total Depth: 22625 Ground Elevation: 1145 Surface Casing: 2000 Depth to base of Treatable Water-Bearing FM: 250

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: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-36543

Chlorides Max: 5000 Average: 3000 H. SEE MEMO

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

Weililead Flotection Alea:

Pit **is** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C
Pit Location is BED AQUIFER
Pit Location Formation: DUNCAN

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED
Chlorides Max: 300000 Average: 200000

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: C

Liner not required for Category: C
Pit Location is BED AQUIFER
Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Rge 5W Sec 02 Twp 5N County **GRADY** SE Spot Location of End Point: SE SW SW Feet From: SOUTH 1/4 Section Line: 165 Feet From: FAST 1/4 Section Line: 2090

Depth of Deviation: 11490 Radius of Turn: 574 Direction: 176

Tatal Lawreth 40

Total Length: 10234

Measured Total Depth: 22625

True Vertical Depth: 12150

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category Description

EXCEPTION TO RULE - 695598 6/21/2019 - G56 - (I.O.) 35-6N-5W, 2-5N-5W

X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO ASKINS A 1-2 WELL

NO OP NAMED

5/3/2019

HYDRAULIC FRACTURING 6/12/2019 - 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

INCREASED DENSITY - 692794 6/21/2019 - G56 - 2-5N-5W

X686007 WDFD ^^^

5 WELLS

US DRILLING CO., LLC ***

3/13/2019

***S/B WARWICK-JUPITER, LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY

FOR OPERATOR

^^S/B X686007/692241 WDFD, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR

OPERATOR

Category Description

INCREASED DENSITY - 692795 6/21/2019 - G56 - 35-6N-5W

X686007 WDFD ^^^

5 WELLS

US DRILLING CO., LLC ***

3/13/2019

***S/B WARWICK-JUPITER, LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY

FOR OPERATOR

^^S/B X686007/692241 WDFD, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR

OPERATOR

LOCATION EXCEPTION - 695075 6/21/2019 - G56 - (I.O.) 35-6N-5W, 2-5N-5W

X686007/692241 WDFD, OTHERS

COMPL INT (35-6N-5W) NCT 165' FNL, NCT 0' FSL, NCT 1980' FEL COMPL INT (2-5N-5W) NCT 0' FNL, NCT 165' FSL, NCT 1980' FEL

US DRILLING CO., LLC***

4/23/2019

***S/B WARWICK-JUPITER, LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY

FOR OPERATOR

MEMO 6/12/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - LAFLIN), PIT 2 - OBM

RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 686007 6/21/2019 - G56 - (640)(HOR) 35-6N-5W, 2-5N-5W

EST OTHERS VAC OTHER

VAC 386234 WDFD, OTHER

EXT 671277 WDFD

POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST WITH SP # 469447 WDFD; SP # 379220 WDFD)

SPACING - 692241 6/21/2019 - G56 - NUNC PRO TUNC TO CORRECT SP # 686007 IN PARAGRAPH 8 ADDING THE

WOODFORD TO SP # 379220 AND SYCAMORE TO SP # 469447

SPACING - 695070 6/21/2019 - G56 - (I.O.) 35-6N-5W, 2-5N-5W

ESTABLISH MULTIUNIT HORIZONTAL WELL

X686007/692241 WDFD, OTHERS

(MSSP, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD)

50% 35-6N-5W 50% 2-5N-5W

US DRILLING CO., LLC***

4/23/2019

***S/B WARWICK-JUPITER, LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY

FOR OPERATOR