Watching to the CANINGE BURFACE CASING DEPTH; UPDATE AMEND PERMIT TO DRILL Well Woll No: 10 Well Woll No: 10 Well Woll No: 10 Woll No: 10 Well Woll No: 10 Woll No: 10 MARATHON OIL COMPANY 100 MARATHON OIL COMPANY 100 MARATHON OIL COMPANY 100 MARATHON OIL COMPANY 100 Mark THON	API NUMBER: 137 27520 A	OKLAHOMA CORPORATI OIL & GAS CONSERVA P.O. BOX 52 OKLAHOMA CITY, O (Rule 165:10	ATION DIVISION 2000 K 73152-2000	Approval Date: 01/18/2018 Expiration Date: 07/18/2018
Notest Control Television Television VELL CONTON: Well Not Set: 10 Two 2N Rate 4W County: STEPPIENS SPOT LOCATION: Vell Not Set: 10 Two 2N Rate 4W County: STEPPIENS Set: 1000 Television Lease Name: SR 024 Well Not: 20 404/001 Well Not: 330 feet from nearest who rises boundary Set: 1000 Television MARATHON OLL COMPANY Set: 55 SAN FELL/PE ST HOUSTON. TX 77056-2701 CONTINENTAL RESOURCES, INC. 20 N BROADWAY OKLAHOMA CITY OK 73102 Formation(s) (Permit Valid for Listed Formations Only): Name Name Depth 1 WOODFORD 12703 6 7 3 2 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 3 7 7 4 20170450 20170450 20170452 20170450 201	Horizontal Hole Oil & Gas		0 1)	
BYOT LOCATION With More Market Marke		AMEND PERMIT	<u>TO DRILL</u>	
Sected outlost Extension 10 116 Lase Kame: 38 004 Well No: 23-34XXH Well will be 300 feet from nearest unit or lease boundary Operator: MARATHON OLL COMPANY Telephone: 715/05/003 OTELOCC Number: 1963 0 MARATHON OLL COMPANY Totaphone: 715/05/003 OTELOCC Number: 1963 0 MARATHON OLL COMPANY TX 77056-2701 MARATHON OLL COMPANY S555 SAN FELLPE ST OX TINENTAL RESOURCES, INC. HOUSTON, TX 77056-2701 Name Depth Name VODDPORD 13703 6 2 7 7 3 9 10 Special Orders: 50019 Entropy of 1002 13703 6 3 10 5 Special Orders: 20170484 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482 20170482	WELL LOCATION: Sec: 10 Twp: 2N Rge: 4W	County: STEPHENS		
Jac The Veril No: 23.34/X7H Operator MARATHON OL COMPANY Totephone: 7.13282003 OTC.OCC Number: 1983 0 MARATHON OL COMPANY 5555 SAN FELIPE ST CONTINENTAL RESOURCES, INC. 20.0 MARATHON OL COMPANY TX 77056-2701 CONTINENTAL RESOURCES, INC. 20.0 Formation(s) (Permit Valid for Listed Formations Only): Name Depth Name Depth Name Depth 1 WCODFORD 13703 6 2 7 8 10 Special Outries: 201704826 201704826 201704826 201704827 201704826 201704826 201704826 Special Outries: No 201704826 201704826 Doet the and optication - (REQUIRES PERMIT) 201704827 201704826 Doet the and app		UARTER: FROM NORTH FROM	EAST	
Operation MRATHON OIL COMPANY Telephone 7 13282003 OTCOCC Number 1 883 0 MARATHON OIL COMPANY 5555 SAN FELIPE ST CONTINENTAL RESOURCES, INC. 20 N. BROADWAY DOUTON TX 77056-2701 CONTINENTAL RESOURCES, INC. 20 N. BROADWAY OKLAHOMA CITY OK 73102 CONTINENTAL RESOURCES, INC. 20 N. BROADWAY OKLAHOMA CITY OK 73102 Control (1000) 7000 7000 Name Depth Name Depth 0 7000 7000 Specing Order: 589919 Location Exception Orders: Increased Density Order: 073283 Prending CD Number: 201704304 Special Orders: Increased Density Order: 073283 201704302 201704302 201704302 Special Orders: Special Orders: 073283 Total Depth: 24298 Order Elevator: 1185 Surface Casing: 1630 Depth to base of Treasable Water-Beating FM: 420 Under Forderal Juncidition: No Perch Water Supply Well Drifet: No Surface Water used to Drill: Vo: No	SECTION LINE	^{:S:} 330	1116	
Operator MARTHON OL COMPANY Telephone 7.13285203 OTCOCC Number 1.853.0 MARATHON OL COMPANY 5555 SAN FELIPE ST CONTINENTAL RESOURCES, INC. 20.11, IBROADWAY MOUSTON, TX 77056-2701 CONTINENTAL RESOURCES, INC. 20.11, IBROADWAY OKLAHOMA CITY OK 7.3102 CONTINENTAL RESOURCES, INC. 20.11, IBROADWAY Formation(s) (Permit Valid for Listed Formations Only): Name Depth Ottow 7.3102 1 WOODFORD 13703 6 7 7.3102 7.3102 Specing Order: 569819 Location Exception Orders: Increased Density Orders: 07.3282 Prending CD Number: 20.1704324 Special Orders: Special Orders: 57.3283 20.1704327 20.1704324 Special Orders: Special Orders: 57.3283 20.1704327 20.1704326 Special Orders: Special Orders: 57.3283 20.1704327 20.1704327 Special Orders: Special Orders: 57.3283 10.1100 Moree Researce State Histon Special Ord	Lease Name: 3R 0204	Well No: 2-3-34WXH	Well will be	330 feet from nearest unit or lease boundary.
Name: Discretion in the control of t				
5555 SAN FELIPE ST HOUSTON, TX 77056-2701 CONTINENTAL RESOURCES, INC. 20 N. BROADWAY OKLAHOMA CITY OK 73102 Formation(s) (Permit Valid for Listed Formations Only): Name Depth Name Depth 1 WOODFORD 19703 6 7 3 4 2 3 7 8 9 5 10 Spacing Onders: 201704834 9 10 5 5 10 Spacing Onders: 201704834 Special Onders: 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 67263 <td< th=""><th></th><th>Telephone:</th><th>/132962003</th><th>OTC/OCC Number: 1363 0</th></td<>		Telephone:	/132962003	OTC/OCC Number: 1363 0
5555 SAN FELIPE ST HOUSTON, TX 77056-2701 20 N. BROADWAY OKLAHOMA CITY OK 73102 Formation(s) (Permit Valid for Listed Formations Only): Name Depth 0 1 WOODFORD 13703 6 7 3 7 6 7 7 4 9 10 10 Spacing Order:: 201704932 10 5 201704920 Locaton Exception Orders: Increased Density Orders: 673263 Pending CD Numbers: 201704920 Special Orders: 201704920 201704920 201704920 Special Orders: 201704920 201704920 201704920 Special Orders: 673263 Total Depth: 24298 Ground Elevation: 1185 Surface Casing: 1630 Vinder Federal Jurisdiction: No Surface Water-Bearing FM: 420 40 Under Federal Jurisdiction: No Surface Water used to Drill: Yes Pit 1 INFORMATION Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes Type of Mus System: UCSED Orderd System Means Steel Pite <td>MARATHON OIL COMPANY</td> <td></td> <td></td> <td></td>	MARATHON OIL COMPANY			
HOUSTON, TX TX056-2701 Delta OKLAHOMA CITY OK 73102 Formation(s) (Permit Valid for Listed Formations Only): Name Depth Name Depth Name Depth 1 WOODFORD 13703 6 2 7 8 9 3 9 10 10 Spacing Orders: 201704932 Location Exception Orders: Increased Density Orders: 673283 201704927 201704932 201704932 Special Orders: Special Orders: 201704932 201704927 201704927 201704932 Special Orders: Special Orders: Special Orders: 11 InFORMATION Fresh Water Supply Well Drillet: No Surface Water-Bearing FM: 420 Surface Water-Bearing FM: 420 Under Federal Juriscitcition: No Fresh Water Supply Well Drillet: No Surface Water-Bearing FM: 420 PHT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Dread of application - (REQUIRES PERMIT) PERMIT NO, 17-32 Type of PR System: WATER BASED Dread of proved Method for disposal of Drilling Fluids: Dread of application - (REQUIRES PERMIT) PERMIT NO, 17-32	5555 SAN FELIPE ST		CONTINENTAL RESO	OURCES, INC.
OKLAHOMA CITY OK 73102 Formation(s) (Permit Valid for Listed Formations Only): Image: Control of Cont		701	20 N. BROADWAY	
Name Depth Name Depth 1 WOODFORD 13703 6 2 7 3 6 3 9 10 Specing Orders: 599919 10 619032 Location Exception Orders: Increased Density Orders: 673263 Pending CD Numbers: 201704834 Special Orders: Special Orders: 201704829 201704827 201704826 Special Orders: 7 201704826 Surface Casing: 1630 Total Depth: 24298 Ground Elevation: 1185 Surface Casing: 1630 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No Surface Water-Bearing FM: 420 Under Federal Jurisdiction:: No Fresh Water Supply Well Drilled: No Surface Water-Bearing FM: 420 Under Federal Jurisdiction:: No Fresh Water Supply Well Drilled: No Surface Water-Bearing FM: 420 Under Federal Jurisdiction:: No Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes Type of Pit System:: CLOSED Closed System Means Steel Pits D. One time land application = (REQUIRES PERMIT) PERMIT NO: 17-32 Total bepth: of ground water greater than 10th below base of pit?		701	OKLAHOMA CITY	OK 73102
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 D. One time land application (REQUIRES PERMIT) PERMIT NO: 17-324 Chlorides Max: 5000 Average: 3000 Is depth to top of ground water greater than 10ft below base of pit? Y D. One time land application (REQUIRES PERMIT) PERMIT NO: 17-324 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 Liner not required for Category: C	1 WOODFORD 11 2 3 4 3 4 5 Spacing Orders: 599919 Lo 619032 619032 Pending CD Numbers: 201704934 201704929 201704932 201704927 201704926	ocation Exception Orders:	6 7 8 9 10 10 5	Increased Density Orders: 673263 Special Orders:
PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits D. One time land application (REQUIRES PERMIT) PERMIT NO: 17-324 Chlorides Max: 5000 Average: 3000 Is depth to top of ground water greater than 10ft below base of pit? Y D. One time land application (REQUIRES PERMIT) PERMIT NO: 17-324 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 C		j		, , , , , , , , , , , , , , , , , , ,
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED Chlorides Max: 5000 Average: 3000 D. One time land application (REQUIRES PERMIT) 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	Under Federal Jurisdiction: No	Fresh Water Supply Well Driller	d: No	Surface Water used to Drill: Yes
Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) PERMIT NO: 17-324 Chlorides Max: 5000 Average: 3000 H. SEE MEMO H. SEE MEMO Is depth to top of ground water greater than 10ft below base of pit? Y 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 1 INFORMATION	Ą	pproved Method for disposal of Drilli	ing Fluids:
Chlorides Max: 5000 Average: 3000 H. SEE MEMO Is depth to top of ground water greater than 10ft below base of pit? Y H. SEE MEMO 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 Liner not required for Category: C	Type of Pit System: CLOSED Closed System Means Steel Pits			
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	Type of Mud System: WATER BASED			QUIRES PERMIT) PERMIT NO: 17-3284
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	-		H. SEE MEMO	
Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C		Y -		
Pit is located in a Hydrologically Sensitive Area. Category of Pit: C Liner not required for Category: C				
Category of Pit: C Liner not required for Category: C				
Liner not required for Category: C				
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
 C

Pit Location is BED AQUIFER Pit Location Formation: DUNCAN

HORIZONTAL HOLE 1

Sec	34	Twp	ЗN	Rge	4W	С	ounty	GARVIN
Spot	Spot Location of End Point: NE NW NE NE							NE
Feet	From:	NOF	RTH	1/4 Se	ction I	Line:	50)
Feet	From:	EAS	ЯΤ	1/4 Se	ction	Line:	97	0
Depth of Deviation: 13200								
Radius of Turn: 477								
Direction: 5								
Total Length: 10349								
Measured Total Depth: 24298								
True Vertical Depth: 14243								
End Point Location from Lease,								
Unit, or Property Line: 50								

Notes:	
Category	Description
DEEP SURFACE CASING	2/9/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY FOR ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	1/12/2018 - 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 - 673263	2/12/2018 - G75 - 3-2N-4W X619032 WDFD 8 WELLS MARATHON OIL CO. 2-7-2018
MEMO	1/12/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST; PIT 2 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT

Category	Description
PENDING CD - 201704926	1/17/2018 - G75 - (I.O.) 3-2N-4W X165:10-3-28(C)(2)(B) WDFD (3R 0204 2-3-34WXH) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704927	1/17/2018 - G75 - 34-3N-4W X599919 WDFD 8 WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704929	1/17/2018 - G75 - (I.O.) 34-3N-4W X165:10-3-28(C)(2)(B) WDFD (3R 0204 2-3-34WXH) MAY BE CLOSER THAN 600' TO EXISTING/PROPOSED WELLS MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704932	1/17/2018 - G75 - (I.O.) 3-2N-4W & 34-3N-4W EST MULTIUNIT HORIZONTAL WELL X619032 WDFD 3-2N-4W X599919 WDFD 34-3N-4W 50% 3-2N-4W 50% 34-3N-4W MARATHON OIL CO. REC 11-2-2017 (THOMAS)
PENDING CD - 201704934	1/17/2018 - G75 - (I.O.) 3-2N-4W & 34-3N-4W X619032 WDFD 3-2N-4W X599919 WDFD 34-3N-4W COMPL. INT. (3-2N-4W) NCT 150' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (34-3N-4W) NCT 0' FSL, NCT 150' FNL, NCT 330' FEL MARATHON OIL CO. REC 11-2-2017 (THOMAS)
SPACING - 599919	1/17/2018 - G75 - (640) 34-3N-4W EXT 360755 WDFD, OTHERS
SPACING - 619032	1/17/2018 - G75 - (640)(HOR) 3-2N-4W EXT 603571 WDFD POE TO BHL NLT 330' FB (SUPERSEDE NON-DEVELOPED NON-HORIZONTAL SPACING UNITS; COEXIST WITH PRODUCING NON-HORIZONTAL SPACING UNITS)