API NUMBER: 017 25720

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

Approval Date: 10/20/2021

Expiration Date: 04/20/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

<u> </u>	TO DITIEL				
WELL LOCATION: Section: 05 Township: 14N Range: 9W County:	CANADIAN				
SPOT LOCATION: NW NW NW NE FEET FROM QUARTER: FROM NORTH	FROM EAST				
SECTION LINES: 295	2358				
Lease Name: MULLEN 32-15N-9W Well No: 3H	Well will be 295 feet from nearest unit or lease boundary.				
Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353	611; 4052353611; OTC/OCC Number: 20751 0				
DEVON ENERGY PRODUCTION CO LP	GEORGE ALLEN & NORENE FREDA STROUD				
333 W SHERIDAN AVE	PO BOX 218				
OKLAHOMA CITY, OK 73102-5015	OKARCHE OK 73762				
Formation(s) (Permit Valid for Listed Formations Only):					
Name Code Depth					
1 MISSISSIPPI SOLID 351MSSSD 10318					
Spacing Orders: 168822 Location Exception Order	rs: 720832 Increased Density Orders: 720830				
Pending CD Numbers: No Pending Working interest owners	ers' notified: *** Special Orders: No Special				
Total Depth: 15887 Ground Elevation: 1397 Surface Casing:	600 Depth to base of Treatable Water-Bearing FM: 410				
Guillage Guollig.					
Under Federal Jurisdiction: No	Approved Method for disposal of Drilling Fluids:				
Fresh Water Supply Well Drilled: No Surface Water used to Drill: Yes	D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37877				
	H. (Other) SEE MEMO				
PIT 1 INFORMATION	Category of Pit: C				
Type of Pit System: CLOSED Closed System Means Steel Pits	Liner not required for Category: C				
Type of Mud System: WATER BASED	Pit Location is: NON HSA				
Chlorides Max: 5000 Average: 3000	Pit Location Formation: DOG CREEK				
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 not located in a Hydrologically Sensitive Area.					
PIT 2 INFORMATION Type of Pit System: CLOSED Closed System Means Steel Pits	Category of Pit: C				
Type of Mud System: OIL BASED	Liner not required for Category: C Pit Location is: NON HSA				
Chlorides Max: 300000 Average: 200000	Pit Location Formation: DOG CREEK				
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 <u>is not</u> located in a Hydrologically Sensitive Area.					
HORIZONTAL HOLE 1					
Section: 32 Township: 15N Range: 9W Meridian: IM	Total Length: 5077				
County: KINGFISHER	Measured Total Depth: 15887				
Spot Location of End Point: NE NW NW NE	True Vertical Depth: 10538				
Feet From: NORTH 1/4 Section Line: 50	End Point Location from				

Lease, Unit, or Property Line: 50

1/4 Section Line: 2111

Feet From: **EAST**

NOTES:					
Category	Description				
DEEP SURFACE CASING	[10/11/2021 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 33-15N-9W & 6-14N-9W				
HYDRAULIC FRACTURING	[10/11/2021 - GC2] - OCC 165:10-3-10 REQUIRES:				
	1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;				
	2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,				
	3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG				
INCREASED DENSITY - 720830	[10/19/2021 - GC2] - 32-15N-9W X168822 MSSSD 3 WELLS DEVON ENERGY PRODUCTION COMPANY, L.P. 9-28-2021				
INTERMEDIATE CASING	[10/11/2021 - GC2] - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER- PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES				
LOCATION EXCEPTION - 720832 (202101712)	[10/19/2021 - GC2] - (I.O.) 32-15N-9W X168822 MSSSD XOTHER X165:10-3-28(C)(2)(B) MSSSD MAY BE CLOSER THAN 600' TO BIEHLER TRUST 1-32, BIEHLER TRUST 2-32, AND MULLEN 32-15N-9W 6H COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 2000' FEL DEVON ENERGY PRODUCTION COMPANY, LLC 9-28-2021				
MEMO	[10/11/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT				
SPACING - 168822	[10/19/2021 - GC2] - (640) 32-15N-9W EST OTHER EXT OTHER EXT 161901 MSSSD, OTHERS				

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME:MULLEN 32-15N-9W

WELL NO. 3H

GOOD DRILL SITE:YES CANADIAN COUNTY, STATE:OK

GROUND ELEVATION:1396.87' GR. AT STAKE SURFACE HOLE FOOTAGE: 2358' FEL - 295' FNL

SECTION: 5 TOWNSHIP: T14N RANGE: R9W

BOTTOM HOLE:32-T15N-R9W,I.M.

ACCESSIBILITY TO LOCATION: FROM WEST LINE

TOPOGRAPHY & VEGETATION:

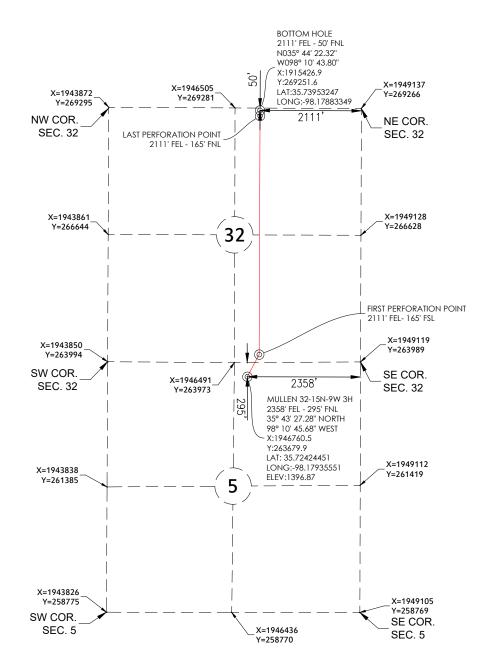
LOCATION FELL IN A FIELD

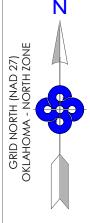
DISTANCE & DIRECTION FROM HWY JCT OR TOWN: FROM OKARCHE GO W ON E0890 RD 8 MI. TO N CALUMET RD. GO S. 1 MI. TO 234TH ST. NW. GO W. 4 MI. GO N. 1 MI.

PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT ACCURACY OF THIS EXHIBIT IS NOT GUARANTEED. PLEASE CONTACT CRAFTON TULL PROMPTLY IF ANY INCONSISTENCY IS DETERMINED, GPS DATA IS OBSERVED FROM RTK-GPS. NOTE:X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON

THE GROUND, AND FURTHER, <u>DOES NOT</u> REPRESENT A TRUE BOUNDARY SURVEY. QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR
ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR
OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON THE GROUND, AND FURTHER,
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COUNTY, OKLAHOMA CANADIAN 2358' FEL - 295' FNL SECTION 5 TOWNSHIP 14N RANGE 9W I.M.





SURFACE HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1946760.5

GPS DATUM: NAD27 LAT: <u>35.72424451</u>

LONG: -98.17935551 STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD X: 1915161.5

GPS DATUM: NAD83

LAT: 35.72429004 LONG: -98.17969324

BOTTOM HOLE DATA STATE PLANE COORDINATES: **ZONE:** OK-NORTH NAD2

X: 1947025.9 **Y**: 269227.9

GPS DATUM: NAD27 **LAT:** <u>35.73948737</u> LONG: <u>-98.17849561</u>

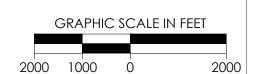
STATE PLANE COORDINATES: **ZONE: OK-NORTH NAD83** X: 1915426.9

Y: 269251.6 GPS DATUM: NAD83 **LAT**: <u>35.73953247</u>

LONG: -98.17883349 **BOTTOM HOLE**

INFORMATION PROVIDED BY OPERATOR LISTED.





REVISION	"MULLEN 32-15N-9W 3H"						
CHANGE WELL LOCATION &			NEW OF SECTION 5 T 1	4 N. D. O. W.			
BOTTOM HOLE RELOCATION	[1-1V, K-9-VV		0000	m
CHANGE BOTTOM HOLE				MA		ac v c)TT
LOCATION							
	SCALE: 1" = 2	2000'					
	PLOT DATE:	10-11-2021	DRAWN BY:	JJ	SHEET NO.:	1 OF 6	
	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE LOCATION SCALE: 1" = 1	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE LOCATION SCALE: 1" = 2000'	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE LOCATION PART OF THE NE/4 OF SECTION 5, T-14 PROPOSED DRILL SITE CANADIAN COUNTY, OKLAHO LOCATION	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE LOCATION SCALE: 1" = 2000' MULLEN 32-13N-7W 3H PART OF THE NE/4 OF SECTION 5, T-14-N, R-9-W PROPOSED DRILL SITE CANADIAN COUNTY, OKLAHOMA	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE LOCATION SCALE: 1" = 2000' NIGCLEN 32-13N-7W 3H PART OF THE NE/4 OF SECTION 5, T-14-N, R-9-W PROPOSED DRILL SITE CANADIAN COUNTY, OKLAHOMA	CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION CHANGE BOTTOM HOLE LOCATION SCALE: 1" = 2000' NIGULEN 32-13N-7W 3H PART OF THE NE/4 OF SECTION 5, T-14-N, R-9-W PROPOSED DRILL SITE CANADIAN COUNTY, OKLAHOMA

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME:MULLEN 32-15N-9W

WELL NO. 3H

GOOD DRILL SITE:YES

CANADIAN COUNTY, STATE:OK **GROUND ELEVATION:**1396.87' GR. AT STAKE SURFACE HOLE FOOTAGE: 2358' FEL - 295' FNL

SECTION: 5 TOWNSHIP: T14N RANGE: R9W

BOTTOM HOLE:32-T15N-R9W,I.M.

ACCESSIBILITY TO LOCATION: FROM WEST LINE

TOPOGRAPHY & VEGETATION: LOCATION FELL IN A FIELD

FROM OKARCHE GO W ON E0890 RD 8 MI. TO N CALUMET RD. GO S. 1 MI. TO 234TH ST. NW. GO W. 4 MI. GO N. 1 MI.

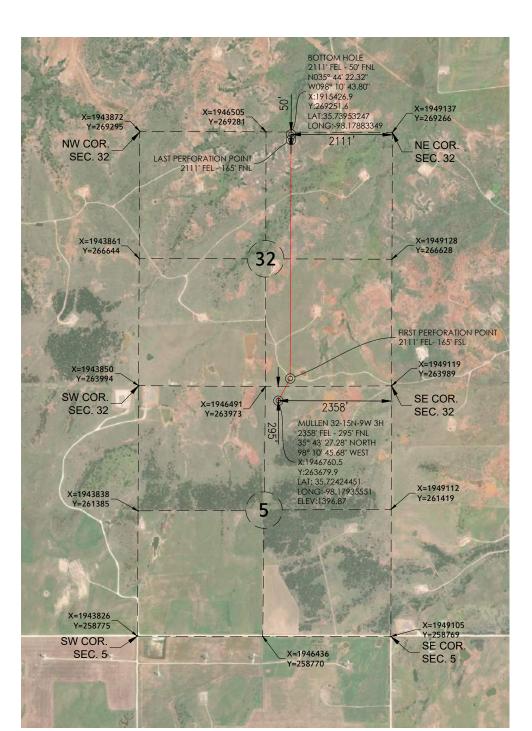
DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

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COUNTY, OKLAHOMA CANADIAN 2358' FEL - 295' FNL SECTION 5 TOWNSHIP 14N RANGE 9W I.M.





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GPS DATUM: NAD27 LAT: <u>35.72424451</u> LONG: -98.17935551 STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD X: 1915161.5 **GPS DATUM: NAD83**

LAT: 35.72429004 LONG: -98.17969324

BOTTOM HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD2 **X**: 1947025.9 **Y**: 269227.9

GPS DATUM: NAD27 **LAT:** 35.73948737 LONG: <u>-98.17849561</u>

STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83 X: 1915426.9 **Y**: 269251.6

GPS DATUM: NAD83 LAT: <u>35.73953247</u> **LONG**: -98.17883349 **BOTTOM HOLE**

INFORMATION PROVIDED BY OPERATOR LISTED.



GRAPHIC SCALE IN FEET 1000 Ó 2000 2000

REVISION	<u>"</u> "			
R1 CHANGE WELL LOCATION & BOTTOM HOLE RELOCATION	PART OF THE	NE/4 OF SECTION 5, T-14-N, R-9-W PROPOSED DRILL SITE		do
R2 CHANGE BOTTOM HOLE	CANA	devon		
LOCATION				
	SCALE: 1" = 2000'			
	PLOT DATE: 10-11-2021	DRAWN BY: J.	SHEET NO.:	2 OF 6

300 Pointe Parkway Blvd. Yukon, OK 73099 405.787.6270 † 405.787.6276 f www.craftontull.com Crafton Tull SURVEYING CA973(PE/LS) Exp. 6/30/22

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: MULLEN 32-15N-9W

WELL NO. 3H
GOOD DRILL SITE: YES

CANADIAN COUNTY, STATE: OK

GROUND ELEVATION: 1396.87' GR. AT STAKE SURFACE HOLE FOOTAGE: 2358' FEL - 295' FNL

SECTION: 5 TOWNSHIP: T14N RANGE: R9W

BOTTOM HOLE:32-T15N-R9W,I.M.

ACCESSIBILITY TO LOCATION: FROM WEST LINE

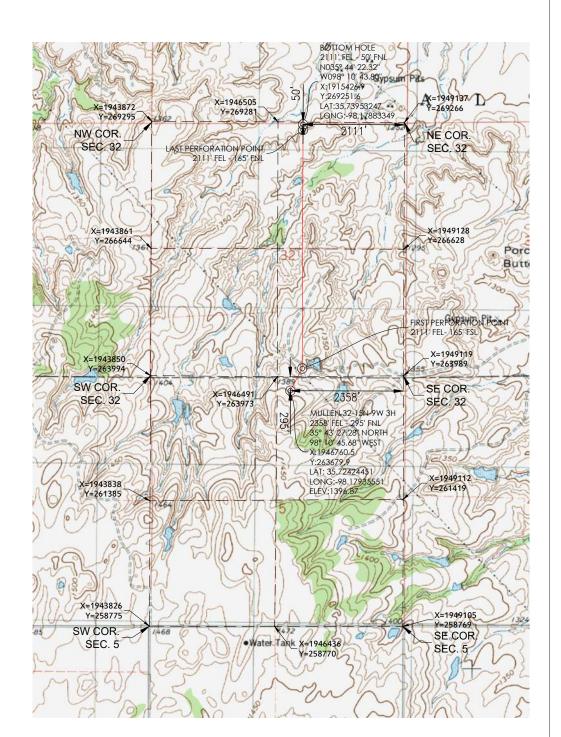
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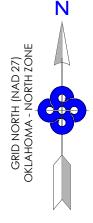
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__CANADIAN ____ COUNTY, OKLAHOMA 2358' FEL - 295' FNL SECTION _5 _ TOWNSHIP _14N_RANGE _9W__I.M.





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ZONE: OK-NORTH NAD83
X: 1915426.9
Y: 269251.6

GPS DATUM: NAD83 LAT: 35.73953247 LONG: -98.17883349

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED.



GRAPHIC SCALE IN FEET

2000 1000 0 2000

REVISION		"MULLEN 32-15N-9W 3H"							
R1 CHANGE WELL LOC	CATION &		PART OF THE	NE/4 OF SECTION 5, T-1	4-N. R-9-W		-		
BOTTOM HOLE RELO	OCATION	PROPOSED DRILL SITE					CO	devon	
R2 CHANGE BOTTOM	HOLE	CANADIAN COUNTY, OKLAHOMA				ac	VOII		
LOCATION									
	SCA	LE: 1" = :	2000'						
	PLO	T DATE:	10-11-2021	DRAWN BY:	JJ	SHEET NO.:	3 OF	6	

