

API NUMBER: 073 26884

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

Approval Date: 06/30/2022
Expiration Date: 12/30/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 29 Township: 16N Range: 9W County: KINGFISHER

SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 260 485

Lease Name: SMILODON 29-16N-9W Well No: 5H Well will be 260 feet from nearest unit or lease boundary.
Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 4052353611; 4052353611; OTC/OCC Number: 20751 0

DEVON ENERGY PRODUCTION CO LP
333 W SHERIDAN AVE
OKLAHOMA CITY, OK 73102-5015

RICHARD D. & SHERRILL S. MURRAY
3420 E. 790 RD.
KINGFISHER OK 73750

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

Name	Code	Depth
1 MISSISSIPPIAN (LESS CHESTER)	359MSNLC	9309

Spacing Orders: 658124

Location Exception Orders: No Exceptions

Increased Density Orders: 726497

Pending CD Numbers: 202201865

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 14358 Ground Elevation: 1186

Surface Casing: 1999

Depth to base of Treatable Water-Bearing FM: 660

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 22-38395
H. (Other) SEE MEMO

PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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.

HORIZONTAL HOLE 1

Section: 29	Township: 16N	Range: 9W	Meridian: IM	Total Length: 4507
County: KINGFISHER				Measured Total Depth: 14358
Spot Location of End Point: NW NE NE NE				True Vertical Depth: 9579
Feet From: NORTH		1/4 Section Line: 50		End Point Location from
Feet From: EAST		1/4 Section Line: 420		Lease, Unit, or Property Line: 50

NOTES:

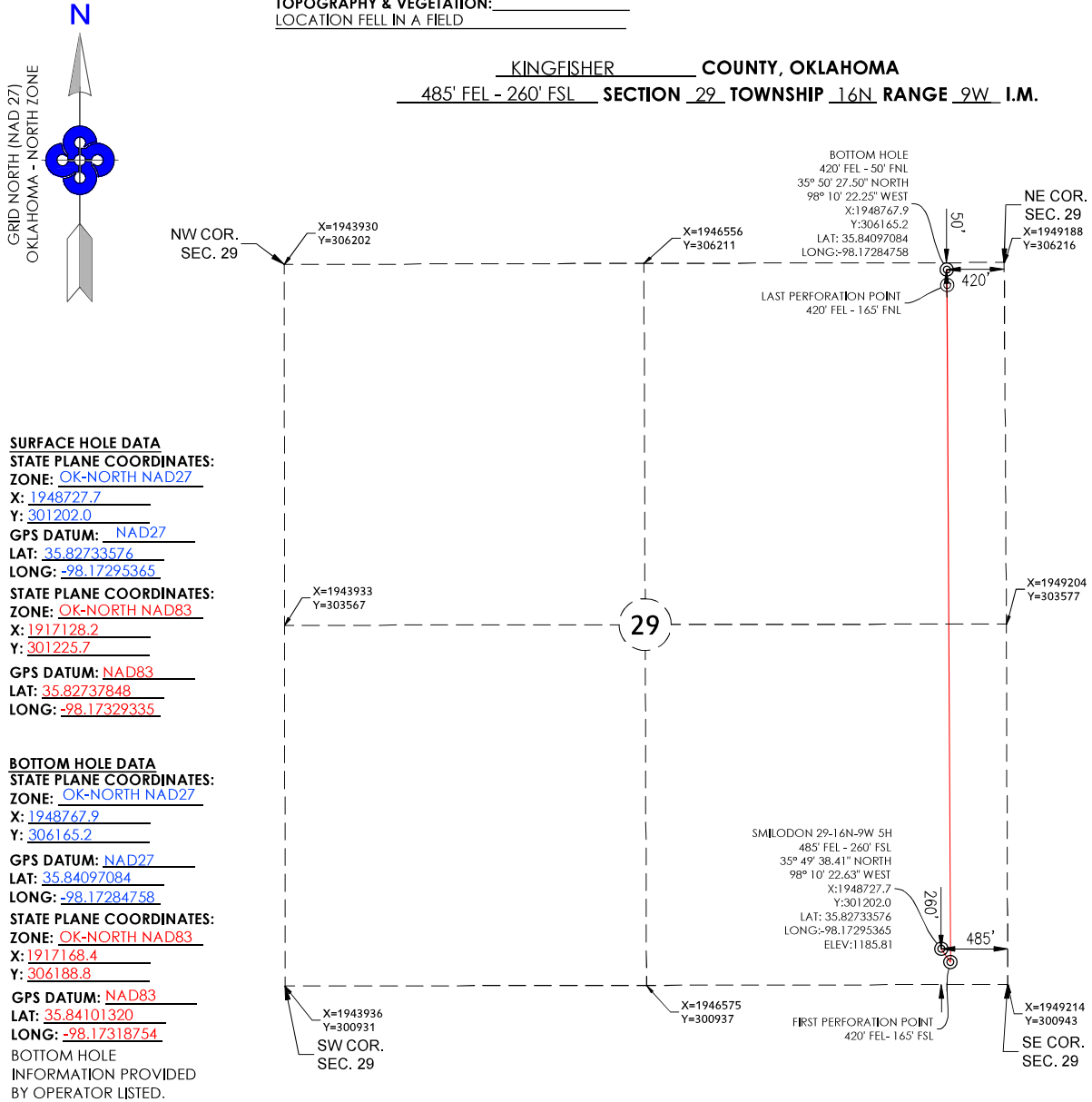
Category	Description
DEEP SURFACE CASING	[6/20/2022 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[6/20/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE 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;</p> <p>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,</p> <p>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</p>
INCREASED DENSITY - 726497	<p>[6/30/2022 - G56] - 29-16N-9W X658124 MSNLC 1 WELL DEVON ENERGY PROD CO, LP 6/29/2022</p>
INTERMEDIATE CASING	[6/20/2022 - 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
MEMO	[6/20/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202201865	<p>[6/30/2022 - G56] - (I.O.) 29-16N-9W X658124 MSNLC COMPL INT NCT 165' FSL, NCT 165' FNL, NCT 330' FEL NO OP NAMED REC 6/7/2022 (NORRIS)</p>
SPACING - 658124	<p>[6/30/2022 - G56] - (640)(HOR) 29-16N-9W EXT 645633 MSNLC, OTHERS COMPL INT NCT 660' FB (COEXIST WITH SP # 186837 MSSSD, # 551190 MSSSD)</p>

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: SMILODON 29-16N-9W
WELL NO. 5H
GOOD DRILL SITE: YES
KINGFISHER COUNTY, STATE: OK
GROUND ELEVATION: 1185.81' GR. AT STAKE
SURFACE HOLE FOOTAGE: 485' FEL - 260' FSL
SECTION: 29 TOWNSHIP: T16N RANGE: R9W
BOTTOM HOLE: 29-T16N-R9W I.M.
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE
TOPOGRAPHY & VEGETATION: _____
LOCATION FELL IN A FIELD _____

DISTANCE & DIRECTION FROM HWY JCT OR TOWN: _____
FROM THE INTERSECTION OF HWY 3 & MAIN ST. IN
KINGFISHER, GO E. APPROX. 14 MI. TO N2710 RD, GO S.
1 MI. TO E820 RD, GO W. 0.1 MI. PAD IS ON N. SIDE OF RD.

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, DOES NOT 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, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY.



REVISION		"SMILODON 29-16N-9W 5H"	
R1	SHL LOCATION CHANGE	PART OF THE SE/4 OF SECTION 29, T-16-N, R-9-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA	
R2	PAD LOCATION CHANGE		
R3	BHL CHANGE		
		SCALE: 1" = 1000'	
		PLOT DATE: 06-22-2022	DRAWN BY: JJ
			SHEET NO.: 1 OF 6

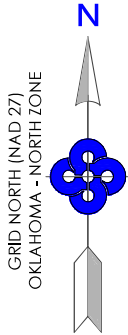


OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: SMILODON 29-16N-9W
WELL NO. 5H
GOOD DRILL SITE: YES
KINGFISHER COUNTY, STATE: OK
GROUND ELEVATION: 1185.81' GR. AT STAKE
SURFACE HOLE FOOTAGE: 485' FEL - 260' FSL
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BOTTOM HOLE: 29-T16N-R9W I.M.
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE
TOPOGRAPHY & VEGETATION: _____
LOCATION FELL IN A FIELD

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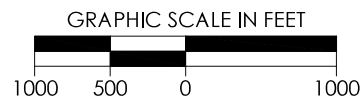
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KINGFISHER COUNTY, OKLAHOMA
485' FEL - 260' FSL SECTION 29 TOWNSHIP 16N RANGE 9W I.M.

SURFACE HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1948727.7
Y: 301202.0
GPS DATUM: NAD27
LAT: 35.82733576
LONG: -98.17295365
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1917128.2
Y: 301225.7
GPS DATUM: NAD83
LAT: 35.82737848
LONG: -98.17329335

BOTTOM HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1948767.9
Y: 306165.2
GPS DATUM: NAD27
LAT: 35.84097084
LONG: -98.17284758
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1917168.4
Y: 306188.8
GPS DATUM: NAD83
LAT: 35.84101320
LONG: -98.17318754
BOTTOM HOLE
INFORMATION PROVIDED
BY OPERATOR LISTED.



REVISION		"SMILODON 29-16N-9W 5H"		
R1	SHL LOCATION CHANGE	PART OF THE SE/4 OF SECTION 29, T-16-N, R-9-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA		
R2	PAD LOCATION CHANGE			
R3	BHL CHANGE			
		SCALE: 1" = 1000'		
		PLOT DATE: 06-22-2022	DRAWN BY: JJ	SHEET NO.: 2 OF 6



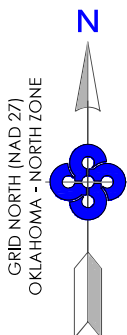
300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 f 405.787.6276 f
www.craftontull.com
Crafton Tull
SURVEYING CAP73(P&S) Exp. 6/30/22

OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.

LEASE NAME: SMILODON 29-16N-9W
WELL NO. 5H
GOOD DRILL SITE: YES
KINGFISHER COUNTY, STATE: OK
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BOTTOM HOLE: 29-T16N-R9W I.M.
ACCESSIBILITY TO LOCATION: FROM SOUTH LINE
TOPOGRAPHY & VEGETATION: _____
LOCATION FELL IN A FIELD

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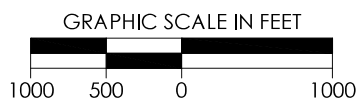
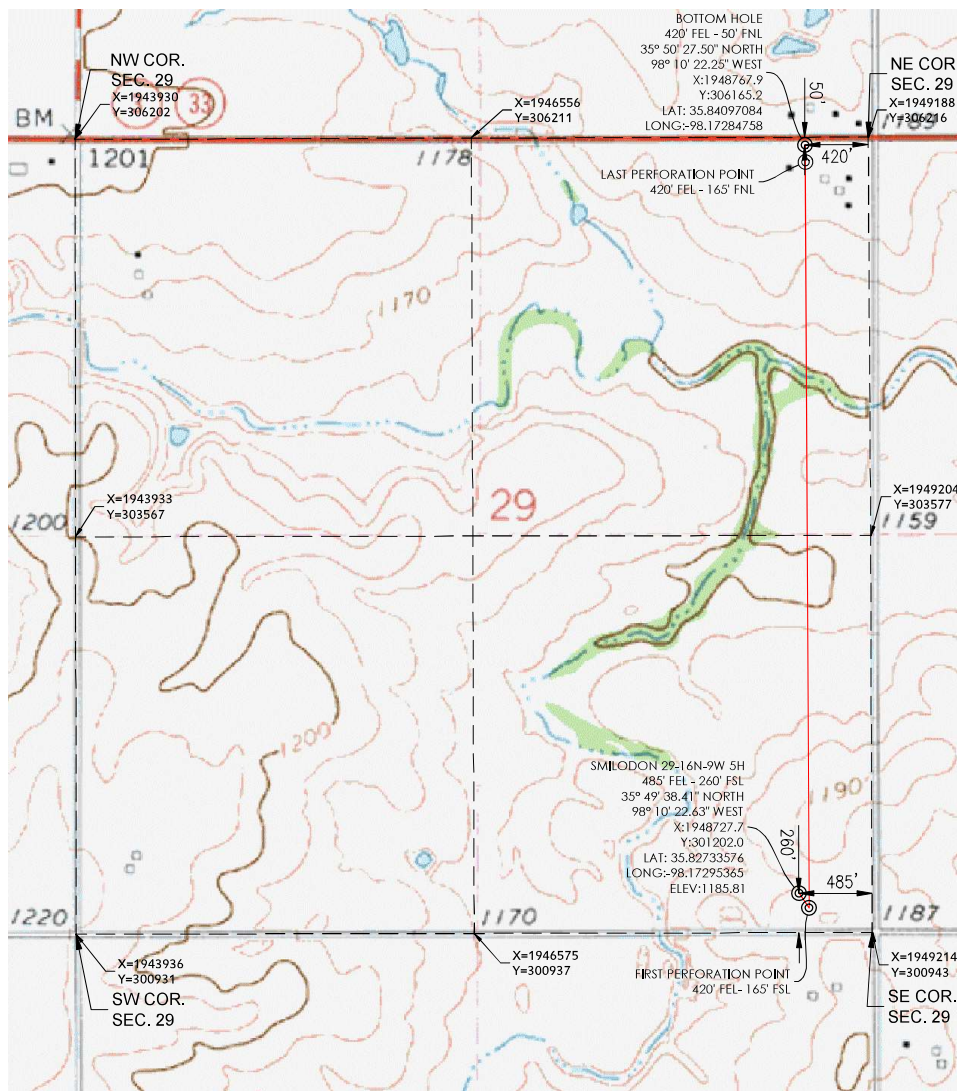


KINGFISHER COUNTY, OKLAHOMA
485' FEL - 260' FSL SECTION 29 TOWNSHIP 16N RANGE 9W I.M.

SURFACE HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1948727.7
Y: 301202.0
GPS DATUM: NAD27
LAT: 35.82733576
LONG: -98.17295365
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1917128.2
Y: 301225.7
GPS DATUM: NAD83
LAT: 35.82737848
LONG: -98.17329335

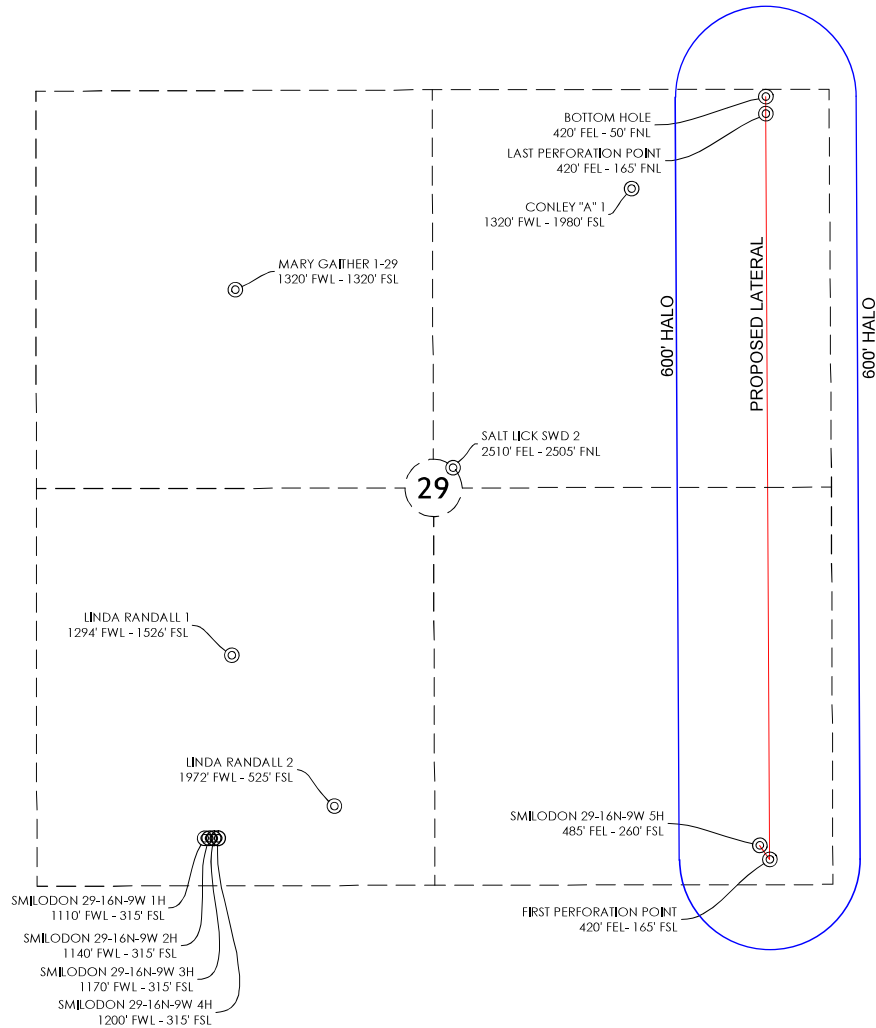
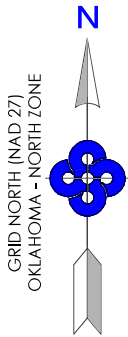
BOTTOM HOLE DATA
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD27
X: 1948767.9
Y: 306165.2
GPS DATUM: NAD27
LAT: 35.84097084
LONG: -98.17284758
STATE PLANE COORDINATES:
ZONE: OK-NORTH NAD83
X: 1917168.4
Y: 306188.8
GPS DATUM: NAD83
LAT: 35.84101320
LONG: -98.17318754

BOTTOM HOLE
INFORMATION PROVIDED
BY OPERATOR LISTED.





REVISION		"SMILODON 29-16N-9W 5H"	
R1	SHL LOCATION CHANGE	PART OF THE SE/4 OF SECTION 29, T-16-N, R-9-W PROPOSED DRILL SITE KINGFISHER COUNTY, OKLAHOMA	
R2	PAD LOCATION CHANGE		
R3	BHL CHANGE		
		SCALE: 1" = 1000'	
		PLOT DATE: 06-22-2022	DRAWN BY: JJ SHEET NO.: 3 OF 6





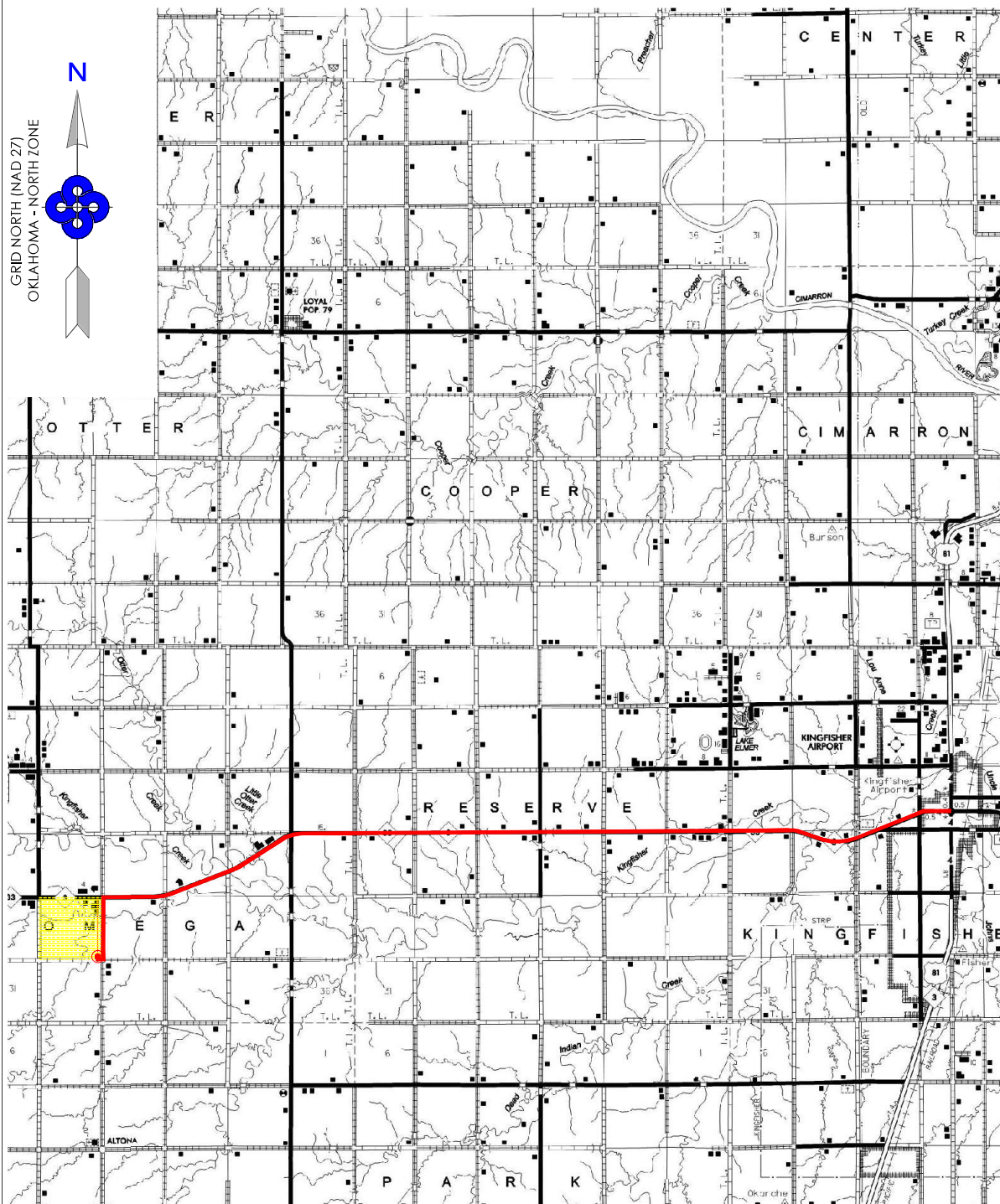
BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED.
EXISTING WELL LOCATIONS TAKEN FROM CORPORATION
COMMISSION RECORDS AND MAY NOT ENCOMPASS ALL WELLS
CURRENTLY PERMITTING OR OTHERWISE ABSENT FROM THE RECORDS
AT THE TIME OF THIS EXHIBIT.

REVISION		GRAPHIC SCALE IN FEET		 devon	
R1	SHL LOCATION CHANGE				
R2	PAD LOCATION CHANGE	"SMILODON 29-16N-9W 5H" PART OF THE SE/4 OF SECTION 29, T-16-N, R-9-W KINGFISHER COUNTY, OKLAHOMA EXISTING WELL PROXIMITY			
R3	BHL CHANGE				
		SCALE: 1" = 1000'	PLOT DATE: 06-22-2022	DRAWN BY: JJ	SHEET NO.: 4 OF 6



300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 f 405.787.6276 f
www.craftontull.com
SURVEYING cAP93(PF/LS) Exp. 6/30/22

VICINITY MAP



SEC. 29 TWP. 16N RNG. 9W

COUNTY: KINGFISHER STATE: OK

OPERATOR: Devon Energy Production Company, L.P.

GRAPHIC SCALE IN MILES



REVISION		"SMILODON 29-16N-9W 5H"	
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R2	PAD LOCATION CHANGE		
R3	BHL CHANGE		
		SCALE: 1/2" = 1 MILE	JJ SHEET NO.: 5 OF 6
		PLOT DATE: 06-22-2022 DRAWN BY:	





300 Pointe Parkway Blvd.
Yukon, OK 73099
405.787.6270 t 405.787.6276 f
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Crafton Tull

VICINITY MAP SCALE: 1" = 1000'

29

R 9 W

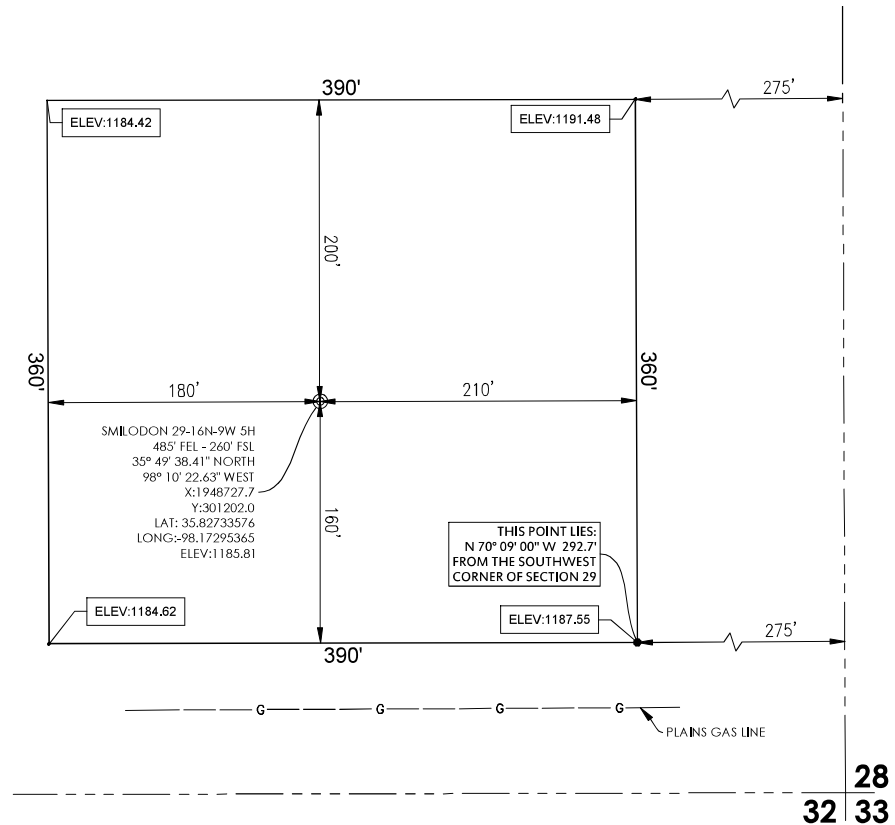
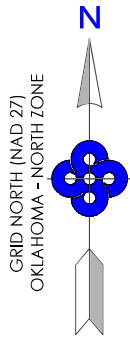
T 16 N

SMILODON 29-16N-9W 5H
485' FEL - 260' FSL
35° 49' 38.41" NORTH
98° 10' 22.63" WEST
X:1948727.7
Y:301202.0
LAT: 35.82733576
LONG:-98.17295365
ELEV:1185.81

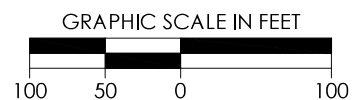
28
32 33


KINGFISHER COUNTY, OKLAHOMA

485' FEL - 260' FSL SECTION 29 TOWNSHIP 16N RANGE 9W I.M.



PROPOSED PAD V-Door NORTH



REVISION		"SMILODON 29-16N-9W 5H"		
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R2	PAD LOCATION CHANGE			
R3	BHL CHANGE			
		SCALE: 1" = 100'	DRAWN BY: JJ	SHEET NO.: 6 OF 6
		PLOT DATE: 06-22-2022		