API NUMBER: 017 25684

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

Approval Date:	06/11/2021
Expiration Date:	12/11/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 06 Township: 14N Range: 9W Co	ounty: CANADIAN
SPOT LOCATION: SW NE NE NW FEET FROM QUARTER: FROM NO	ORTH FROM WEST
SECTION LINES: 61	0 2023
Lease Name: OTTO 31_30-15N-9W Well No: 6H	
	·
Operator Name: DEVON ENERGY PRODUCTION CO LP Telephone: 40)52353611; OTC/OCC Number: 20751 0
DEVON ENERGY PRODUCTION CO LP	LARRY GLENN & CHRISTINE MOORE
333 W SHERIDAN AVE	18621 234TH ROAD NW
OKLAHOMA CITY, OK 73102-5015	CALUMET OK 73014
	CALOWET OR 73014
Formation(s) (Permit Valid for Listed Formations Only):	
Name Code Depth	
1 MISSISSIPPIAN 359MSSP 9701	
2 MISSISSIPPI SOLID 351MSSSD 10151	
3 WOODFORD 319WDFD 11166	
Spacing Orders: 176175 Location Exception	n Orders: 718440 Increased Density Orders: No Density Orders
612110	
657910	
718435	
Pending CD Numbers: No Pending Working interes	Special Orders No Special Orders
Pending CD Numbers: No Pending Working interes	st owners' notified: *** Special Orders: No Special Orders
Pending CD Numbers: Working interes Total Depth: 20118 Ground Elevation: 1445 Surface Cas	st owners' notified:
Volving interes	st owners' notified:
Total Depth: 20118 Ground Elevation: 1445 Surface Cas	sing: 690 Depth to base of Treatable Water-Bearing FM: 440 Approved Method for disposal of Drilling Fluids:
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MULTI UNIT HOLE 1

Section: 30 Township: 15N Range: 9W Meridian: IM Total Length: 8559

County: KINGFISHER Measured Total Depth: 20118

Spot Location of End Point: NW SW SE NW True Vertical Depth: 12000

Feet From: NORTH

1/4 Section Line: 2133

End Point Location from
Lease, Unit, or Property Line: 1424

Lease, Unit, or Property Line: 1424

NOTES:

NOTES:	NOTES:	
Category	Description	
DEEP SURFACE CASING	[6/4/2021 - GB1] - NO DSC DUE TO SURFACE HOLE ISSUES IN SE4 6-14N-9W	
HYDRAULIC FRACTURING	[6/4/2021 - GB1] - 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	
INTERMEDIATE CASING	[6/4/2021 - GB1] - 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 - 718440	[6/11/2021 - GC2] - (I.O.) 30 & 31-15N-9W X176175 MSSSD 31-15N-9W X612110 WDFD 31-15N-9W X657910 MSSP, WDFD 30-15N-9W X165:10-3-28(C)(2)(B) MSSP, MSSSD MAYBE CLOSER THAN 600' TO PROPOSED WELLS COMPL. INT. (31-15N-9W) NCT 150' FSL, NCT 0' FNL, NCT 990' FWL COMPL. INT. (30-15N-9W) NCT 0' FSL, NCT 1320' FNL/FSL, NCT 990' FWL DEVON ENERGY PRODUCTION COMPANY, L.P 5-19-2021	
MEMO	[6/4/2021 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT	
SPACING - 176175	[6/11/2021 - GC2] - (640) 30 & 31-15N-9W EST OTHERS EXT OTHERS EXT 11184 MSSSD	
SPACING - 176175	[6/11/2021 - GC2] - (640) 30 & 31-15N-9W EST OTHERS EXT OTHERS EXT 11184 MSSSD	
SPACING - 612110	[6/11/2021 - GC2] - (640) 31-15N-9W EXT 591627 WDFD	
SPACING - 657910	[6/11/2021 - GC2] - (640)(HOR) 30-15N-9W EXT 649977 WDFD EST MSSP COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL. INT. (MSSP) NCT 660' FB (COEXIST SPACING ORDER 176175 MSSSD, OTHERS 30-15N-9W)	

SPACING - 718435	[6/11/2021 - GC2] - (I.O.) 30 & 31-15N-9W
	EST MULTIUNIT HORIZONTAL WELL
	X176175 MSSSD 31-15N-9W
	X612110 WDFD 31-15N-9W
	X657910 MSSP, WDFD 30-15N-9W
	(MSSSD, MSSP ADJACENT COMMON SOURCE OF SUPPLY TO WDFD)
	33% 30-15N-9W
	67% 31-15N-9W
	DEVON ENERGY PRODUCTION COMPANY, L.P.
	5-19-2021

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:**OTTO 31_30-15N-9W

WELL NO. 6HX **GOOD DRILL SITE:**YES

CANADIAN COUNTY, STATE:OK

GROUND ELEVATION:1445.22' GR. AT STAKE SURFACE HOLE FOOTAGE: 610' FNL - 2023' FWL

SECTION: 6 TOWNSHIP: T14N RANGE: R9W

BOTTOM HOLE:30-T15N-R9W,I.M.

ACCESSIBILITY TO LOCATION: FROM NORTH LINE

CANADIAN

TOPOGRAPHY & VEGETATION:

LOCATION FELL IN A FIELD

DISTANCE & DIRECTION FROM HWY JCT OR TOWN:

FROM THE TOWN OF CALUMET HEAD NORTH ON CALUMET ROAD ±7.5MI TO 234TH ST, HEAD WEST ±5.0MI TO MAYBERRY ROAD, HEAD NORTH ±0.9MI TO A LEASE ROAD

TO THE EAST, HEAD EAST ±0.2MI, PAD SITE IS TO THE SOUTH.

GRAPHIC SCALE IN FEET

0

2000

1000

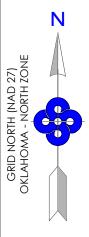
2000

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 RIK-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.

COUNTY, OKLAHOMA



SURFACE HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD27

X: 1940640.6

GPS DATUM: NAD27

LAT: 35.72343160 LONG: -98.19997035

STATE PLANE COORDINATES: ZONE: OK-NORTH NAC

X: 1909041.6

GPS DATUM: NAD83 LAT: <u>35.72347709</u> LONG: -98.20030889

BOTTOM HOLE DATA STATE PLANE COORDINATES:

ZONE: OK-NORTH NAD2

X: 1940076.0 **Y**: 272415.0

GPS DATUM: NAD27

LAT: 35.74820573 LONG: <u>-98.20193565</u>

STATE PLANE COORDINATES: ZONE: OK-NORTH NAD83

X: 1908476.4

Y: 272438.9

GPS DATUM: NAD83 LAT: <u>35.74825105</u> LONG: <u>-98.20227608</u>

BOTTOM HOLE INFORMATION PROVIDED BY OPERATOR LISTED.



610' FNL - 2023' FWL SECTION 6 TOWNSHIP 14N RANGE 9W I.M. X=193866 X=1943879 Y=274544 Y=274557 NW COR. NE COR. X=1941254 Y=274546 SEC. 30 SEC. 30 **BOTTOM HOLE** 1424' FWL - 2133' FNL 35° 44' 53.54" NORTH 98° 12' 06.97" WEST X:1940076.0 2133 Y:272415.0 LAT: 35.74820573 1424 LONG:-98 20193565 LAST PERFORATION POINT 1422' FWL - 2248' FNL 30 X=1938649 Y=271916 X=1943878 Y=271918 X=1938638 X=1941247 Y=269282 Y=269289 NE COR. NW COR SEC. 31 SEC. 31 31 X=1943861 X=1938628 Y=266652 FIRST PERFORATION POINT 1241' FWI - 165' FSI X=1938618 Y=264013 X=1941209 Y=264004 X=1943850 NE COR. NW COR SEC. 6 OTTO 31_30-15N-9W 6HX 610' FNL - 2023' FWL 35° 43' 24.35" NORTH 98° 11' 59.89" WEST 2023 SEC. 6 X:1940640.6 Y:263396.0 LAT: 35.72343160 LONG:-98.19997035 ELEV:1445.22 Y=261385 6 X=1938616 Y=261389 X=1943826 X=1938614 Y=258766 SF COR SW COR SEC. 6 X=1941178 SEC. 6 Y=258771

