API NUMBER: 073 26791

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

Approval Date:	10/05/2021
Expiration Date:	04/05/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

I LIXIAII	I TO DRILL
WELL LOCATION: Section: 18 Township: 17N Range: 9W County:	KINGFISHER
SPOT LOCATION: SE SE NW NE FEET FROM QUARTER: FROM NORTH	I FROM EAST
SECTION LINES: 993	1634
Lease Name: ROSIA 1709 Well No: 5H-18X	
	,,,
Operator Name: OVINTIV USA INC Telephone: 281210	5100 OTC/OCC Number: 21713 0
OVINTIV USA INC	VILHAUER FARM TRUST, CLARK W. VILHAUER AND JERRY J.
4 WATERWAY SQUARE PLACE, STE 100	VILHAUER, CO-TRUSTEES
THE WOODLANDS, TX 77380-3197	3128 E 690 ROAD
	LOYAL OK 73756
Formation(s) (Permit Valid for Listed Formations Only):	
Name Code Depth	
1 MISSISSIPPIAN 359MSSP 8644	
2 WOODFORD 319WDFD 9210	
Spacing Orders: 643923 Location Exception Order	ers: 719876 Increased Density Orders: 719865
719875	719877 719866
	719909
	719910
Pending CD Numbers: No Pending Working interest own	ners' notified: *** Special Orders: No Special
Total Depth: 19196 Ground Elevation: 1194 Surface Casing	: 1500 Depth to base of Treatable Water-Bearing FM: 220
Guillage Gabing	Deep surface casing has been approved
Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: No	Approved Method for disposal of Drilling Fluids:
Surface Water used to Drill: Yes	D. One time land application (REQUIRES PERMIT) PERMIT NO: 21-37797
	E. Haul to Commercial pit facility Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498
	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: FLOWERPOT
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.	
PIT 2 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: OIL BASED	Pit Location is: NON HSA
Chlorides Max: 300000 Average: 200000	Pit Location Formation: FLOWERPOT
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	

MULTI UNIT HOLE 1

Section: 19 Township: 17N Range: 9W Meridian: IM Total Length: 10321

County: KINGFISHER Measured Total Depth: 19196

Spot Location of End Point: SE SW SE SE True Vertical Depth: 9210

Feet From: SOUTH

1/4 Section Line: 85

End Point Location from

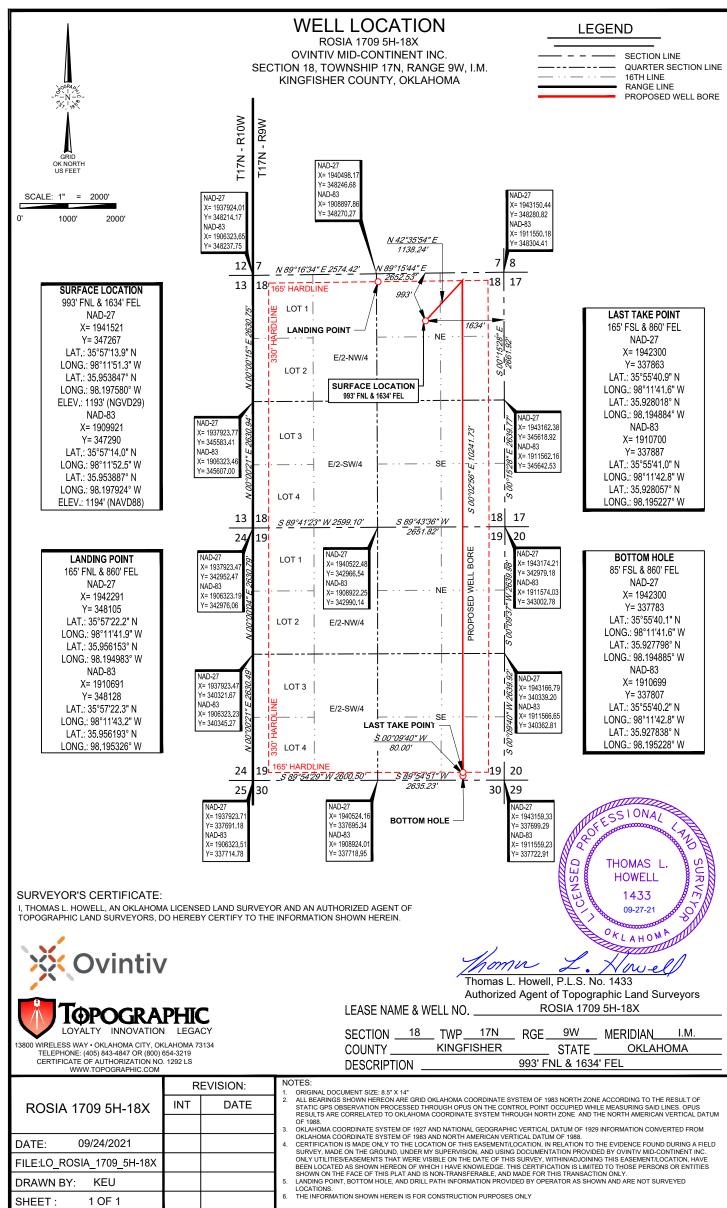
Feet From: EAST

1/4 Section Line: 860

Lease,Unit, or Property Line: 85

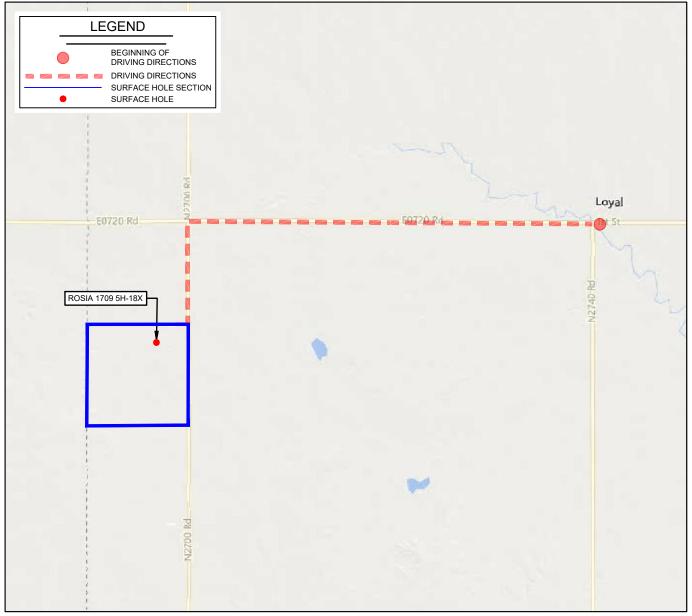
NOTES:

Category	Description
DEEP SURFACE CASING	[10/4/2021 - GB1] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
EXCEPTION TO RULE - 719877	[10/5/2021 - G56] - (I.O.) 18 & 19-17N-9W X165:10-3-28(C)(2)(B) MSSP (ROSIA 1709 5H-18X) MAY BE CLOSER THAN 600' FROM ROSIA 1H-18X, CLARK 1-18, EVANS 1-18, HALL 1-19, ESTILL 1- 19, VILHAUER FARMS 1-19 WELLS NO OP NAMED 8/3/2021
HYDRAULIC FRACTURING	[10/4/2021 - 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
INCREASED DENSITY - 719865	[10/5/2021 - G56] - 18-17N-9W X643923 MSSP 5 WELLS OVINTIV MID-CON INC (MERGED IN IT'S ENTIRETY WITH OVINTIV USA INC) 8/3/2021
INCREASED DENSITY - 719866	[10/5/2021 - G56] - 19-17N-9W X643923 MSSP 5 WELLS OVINTIV MID-CON INC (MERGED IN IT'S ENTIRETY WITH OVINTIV USA INC) 8/3/2021
INCREASED DENSITY - 719909	[10/5/2021 - G56] - 18-17N-9W X643923 WDFD 4 WELLS OVINTIV MID-CON INC (MERGED IN IT'S ENTIRETY WITH OVINTIV USA INC) 8/4/2021
INCREASED DENSITY - 719910	[10/5/2021 - G56] - 19-17N-9W X643923 WDFD 4 WELLS OVINTIV MID-CON INC (MERGED IN IT'S ENTIRETY WITH OVINTIV USA INC) 8/4/2021
LOCATION EXCEPTION - 719876	[10/5/2021 - G56] - (I.O.) 18 & 19-17N-9W X643923 MSSP, WDFD COMPL. INT. (19-17N-9W) NCT 165 FSL, NCT 0 FNL, NCT 330 FEL COMPL. INT. (18-17N-9W) NCT 0 FSL, NCT 165 FNL, NCT 330 FEL OVINTIV MID-CON INC (MERGED IN IT'S ENTIRETY WITH OVINTIV USA INC) 8/3/2021
МЕМО	[10/4/2021 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 643923	[10/5/2021 - G56] - (640)(HOR) 18 & 19-17N-9W EXT 624294 MSSP, WDFD COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER # 85148 MSSNC, MNNG, MSSSD 18-17N-9W & ORDER # 518551 WDFD SE4 18-17N-9W; ORDER # 85987 MSSNC, MNNG, MSSSD 19-17N-9W)
SPACING - 719875	[10/5/2021 - G56] - (I.O.) 18 & 19-17N-9W EST MULTIUNIT HORIZONTAL WELL X643923 MSSP, WDFD 50% 18-17N-9W 50% 19-17N-9W OVINTIV MID-CON INC. (MERGED IN IT'S ENTIRETY WITH OVINTIV USA INC.) 8/3/2021





VICINITY MAP



LEASE NAME & WELL NO.	ROSIA 1709 5H-18X
SECTION 18 TWP 17N	RGE <u>9W</u> MERIDIANI.M
COUNTY KINGFISHER	STATE OKLAHOMA
DESCRIPTION	993' FNL & 1634' FEL
DISTANCE & DIRECTION	
FROM LOYAL, OK GO ±4.0 MI. V	WEST ON E0720 RD, THEN ±1.0 MI.
SOUTH ON N2700 RD TO THE N	NORTHEAST CORNER OF SECTION
18-T17N-R9W.	

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY OVINTIV MID-CONTINENT INC.. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NORTH ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET AND THE NORTH AMERICAN VERTICAL DATUM OF 1988.





13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 CERTIFICATE OF AUTHORIZATION NO. 1292 LS WWW.TOPOGRAPHIC.COM