Operator INN OPERATING LLC LINN OPERATING LLC LARRY E. MCNEFF AND JANE M. MCNEFF 14701 HERTZ QUAIL SPRINGS PKWY DK OKLAHOMA CITY, OK 73134-2641 Formation(s) (Permit Valid for Listed Formations Only): Name Depth 1 MISSISSIPPIAN 8800 2 0 5 0 5 0 6 7 3 6 6 7 3 0 5 0 10 Depth 10 MISSISSIPPIAN 201007926 2 201007927 20100246 201002260 Extender Exception Orders: Preding CD Numbers: 201207925 201002261 Special Orders: 201002262 Special Orders: 201002263 Surface Casing: 150 201002261 Surface Vater used to Drill: No Print Mater Supply Molifie: Yes Surface Water used to Drill: No Print Norder Time Cose D	PI NUMBER: 017 25156	OIL & GAS (F OKLAHOI	CORPORATION COMMISSION CONSERVATION DIVISION P.O. BOX 52000 MA CITY, OK 73152-2000 Rule 165:10-3-1)	Approval Date: 01/09/2018 Expiration Date: 07/09/2018
WELLLOCATION See: 15 Termano quarter new SOUTH mov WEST Lase Name: MCNEFF 15-103 Well Will X: 14 Well will be 162 feet from nessees unit or lease box Operator LINN OPERATING LLC Telephone: 4052412237;4052412 OTC-OCC Number: 22182 0 LINN OPERATING LLC LINN OPERATING LLC Telephone: 4052412237;4052412 OTC-OCC Number: 22182 0 LINN OPERATING LLC LINN OPERATING LLC LARRY E. MCNEFF AND JANE M. MCNEFF 12000 SOUTH MUSTANG ROAD MUSTANG OK 73064 Formation(s) (Permit Valid for Listed Formations Only): Name Depth Mustang OK 73064 Specify MassissiPPioN 8000 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		P	ERMIT TO DRILL	
SPCT LOCATION: W SW SW Mathematical Section 2000 Lesse Name: MCNEFF 15-10-5 Well No: 11 Well will be 162 new local Operator LINN OPERATING LLC Telephone: 0052/12237, 4022/12 OTC/OCC Number: 22182 0 LINN OPERATING LLC LINN OPERATING LLC LARRY E. MCNEFF AND JANE M. MCNEFF 12000 SOUTH MUSTANG ROAD MUSTANG OK 73134-2641 Mustang OK 73064 Formation(s) (Permit Valid for Listed Formations Only): Name Depth Name Depth 1 MSSISSIPPIUN 8000 6 7 7 3 8 5 10 Special Orders: Noreased Dentily Orders: Special Orders: Noreased Density Orders: Noreased Density Orders: Noreased Density Orders: Special Orders: Special Or		-		
Operation LINN OPERATING LLC 22182 OTCOCC Number: 22182 0 LINN OPERATING LLC 14701 HERTZ QUAIL SPRINGS PKWY LARRY E. MCNEFF AND JANE M. MCNEFF 12800 SOUTH MUSTANG ROAD MUSTANG OK 73134-2641 MUSTANG OK 73064 Formation(s) (Permit Valid for Listed Formations Only): Image: Control of the control of	· ·	SW FEET FROM QUARTER: FROM SI	OUTH FROM WEST	
Name: District Control of the contro	Lease Name: MCNEFF 15-10-5	Well No: 1	H Well v	will be 162 feet from nearest unit or lease boundary.
14701 HERTZ QUAIL SPRINGS PKWY OKLAHOMA CITY, OK 73134-2641 Formation(s) (Permit Valid for Listed Formations Only): Must Ang OK 73064 Formation(s) (Permit Valid for Listed Formations Only): Name Depth Name Depth 1 MISSISSIPPIAN 8800 6 7 3 8 9 5 0 0 7 8 9 10 Special Orders: Increased Density Orders: Emerged Density Orders: Pending CD Numbers 201707927 201900246 Special Orders: Special Orders: Special Orders: Special Orders: Special Orders: No Pert 1 INFORMATION Depth to base of Treatable Water-Bearing FM: 170 Under Federal Jurisdiction: No Fresh Water Suppy Well Drelied: Yes Surface Water used to Drill: No PIT 1 INFORMATION Fresh Water Suppy Well Drelied: Yes Surface Method for disposal of Drilling Fluids: Pipe of Pit System: WATER BASED D. One time land application – (REQUIRES PERMIT) PERMIT NO: Pipe of Pit System: Water Gasers: 300 H. SEE MEMO H. SEE MEMO H. SEE MEMO Is depth to top of ground water greater than 10ft below base of		;	Telephone: 4052412237; 4052412	OTC/OCC Number: 22182 0
Muscal and approximation (a) (Permit Valid for Listed Formations Only): Name Depth Name Depth 1 MISsissiPPIAN 8900 6 2 7 3 8 4 9 10 Spacing Orders: No Spacing Location Exception Orders: Increased Density Orders: 201707927 201800246 Special Orders: Special Orders: 201800246 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 170 Under Federal Jurisdiction: No Freeh Water Supply Well Drilled: Yes Surface Water used to Drill: No PT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Mud System: WATER BASED D. One time land application - (REQUIRES PERMIT) PERMIT NO: Yeb of Mud System: WATER BASED D. One time land application - (REQUIRES PERMIT) PERMIT NO: Chidrides Max: 5000 Average: 300 H. SEE MEMO H. SEE MEMO H. SEE MEMO Wellhand Protection Area? N H. SEE MEMO H. SEE MEMO Wellhand Protection Area? N H. SEE MEMO H. SEE MEMO	14701 HERTZ QUAIL SPRING			
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No Specing Special Orders: 201707926 Special Orders: 201707927 201800246 Total Depth: 14116 Ground Elevation: 1192 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 170 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: Yes Surface Water used to Drill: No PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) PERMIT NO: Chlorides Max: 5000 Average: 3000 H. SEE MEMO H. SEE MEMO Is depth to top of ground water greater than 10t below base of pit? Y Y Weilhead Protection Area? N Pit is located in a Hydrologically Sensitive Area. Category of Pit: C C Liner not required for Category: C	1 MISSISSIPPIAN 2 3 4		6 7 8 9	Depth
201707927 201800246 Total Depth: 14116 Ground Elevation: 1192 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 170 Under Federal Jurisdiction: No Fresh Water Supply Well Drilled: Yes Surface Water used to Drill: No PIT 1 INFORMATION Approved Method for disposal of Drilling Fluids: Type of Pit System: UADSED Closed System Means Steel Pits D. One time tand application (REQUIRES PERMIT) PERMIT NO: Chorides Max: 5000 Average: 3000 H. SEE MEMO H. SEE MEMO H. SEE MEMO Wellhead Protection Area? N N Pit is located in a Hydrologically Sensitive Area. Category of Pit: C Category of Pit: C Liner not required for Category: C Liner not required for Category: C Liner not required for Category: C	Spacing Orders: No Spacing	Location Exception Or	ders:	Increased Density 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) Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) Chlorides Max: 5000 Average: 3000 H. SEE MEMO 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 Liner not required for Category: C	201707927 201800246	Elevation: 1192 Surface Ca	asing: 1500	Special Orders: Depth to base of Treatable Water-Bearing FM: 170
Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) Chlorides Max: 5000 Average: 3000 H. SEE MEMO 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 Liner not required for Category: C	Under Federal Jurisdiction: No	Fresh Water S	upply Well Drilled: Yes	Surface Water used to Drill: No
Type of Mud System: WATER BASED D. One time land application (REQUIRES PERMIT) PERMIT NO: 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 Within 1 mile of municipal water well? N 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 Liner Not required for Category: C Liner Not required for Category: C	PIT 1 INFORMATION		Approved Method for disposal	of Drilling Fluids:
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 Chlorides Max: 5000 Average: 3000			- (REQUIRES PERMIT) PERMIT NO: 17-33671
Category of Pit: C Liner not required for Category: C	Wellhead Protection Area? N	sitive Area.		
Pit Location is ALLUVIAL	Liner not required for Category: C			
Pit Location Formation: ALLUVIUM				

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

Pit Location is ALLUVIAL
Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec	15	Twp	10N	Rge	5W	С	ounty	CANADIAN
Spot Location of End Point: NW NW NE NW							NW	
Feet From: NORTH 1/4 Section Line: 165							65	
Feet From: WEST 1/4 Section Line: 1500								
Depth of Deviation: 8300								
Radius of Turn: 550								
Direction: 5								
Total Length: 4950								
Measured Total Depth: 14116								
True Vertical Depth: 8900								
End Point Location from Lease,								
Unit, or Property Line: 165								
Notes:								

NOICS.	
Category	Description
DEEP SURFACE CASING	1/3/2018 - G71 - 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	1/3/2018 - 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
MEMO	1/3/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201707926	1/3/2018 - G60 - (640)(HOR) 15-10N-5W VAC 464094 MSSLM W2 NW4 VAC 111177 SCMR N2 EXT 663709 MSSP, WDFD (COEXIST WITH SP. 499678 MSSP SE4; SP. ORDER 450017 MSSP SW4) REC. 12/19/17 (MILLER)

017 25156 MCNEFF 15-10-5 1H

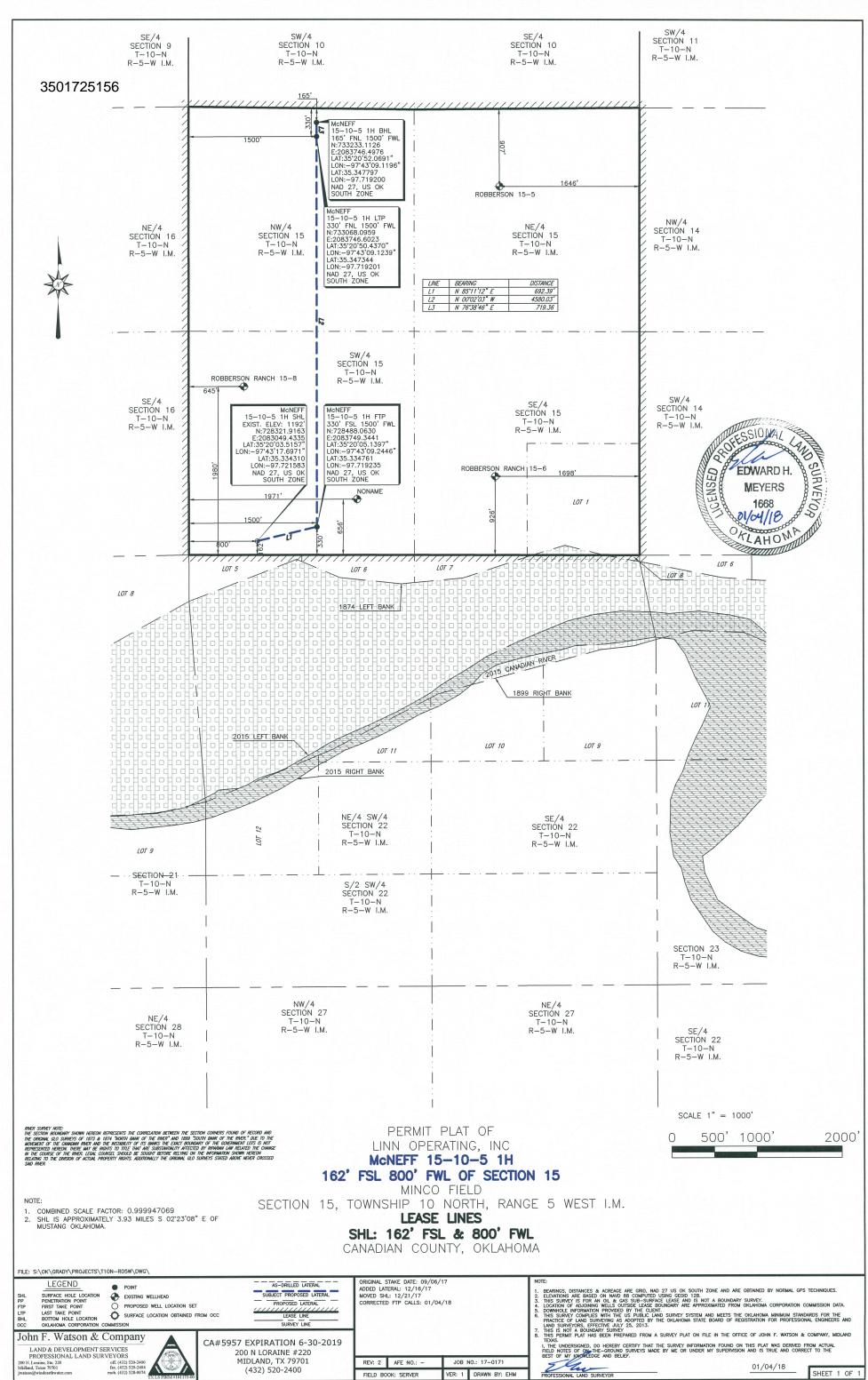
PENDING CD - 201707927

Description

1/3/2018 - G60 - (I.O.) 15-10N-5W X201707926 MSSP COMPL. INT. NCT 330' FNL, NCT 330' FSL, NCT 1500' FWL NO OP. NAMED REC. 12/19/17 (MILLER)

PENDING CD - 201800246

1/9/2018 - G60 - 15-10N-5W X165:10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO THE ROBBERSON RANCH 15-7 WELL LINN OPERATING, LLC. HEARING 1/30/18



(432) 520-2400 FIELD BOOK: SERVER VER: 1 DRAWN BY: EHM

SHEET 1 OF 1