PI NUMBER: 047 25188 rrizontal Hole Oil & Gas	OIL & GAS C P. OKLAHOM (R	DRPORATION COMMISSIC ONSERVATION DIVISION .O. BOX 52000 A CITY, OK 73152-2000 ule 165:10-3-1)	Approval Date: 01/31/2019 Expiration Date: 07/31/2020
WELL LOCATION: Sec: 32 Twp: 20N Rge SPOT LOCATION: SW NW NE	: 6W County: GARFIEL	RMIT TO DRILL D RTH FROM EAST	
Lease Name: BETTY 29	415	5 2320 NH	Well will be 415 feet from nearest unit or lease boundary.
Operator SK NEMAHA LLC Name:		Telephone: 7133955141	OTC/OCC Number: 24221 0
SK NEMAHA LLC 11700 KATY FWY STE 900 HOUSTON, TX	770791222	204 E IOW	1 MALY TRUSTEE
Formation(s) (Permit Valid for Listed Name 1 MISSISSIPPIAN 2 3 4	Formations Only): Depth 6784	Name 6 7 8 9	Depth
5 Spacing Orders: 602714	Location Exception Ord	10	Increased Density Orders: 689324
Pending CD Numbers: 201809300			Special Orders:
Total Depth: 11857 Ground Elevation			Depth to base of Treatable Water-Bearing FM: 390
Under Federal Jurisdiction: No	Fresh Water Supply Well Drilled: No		Surface Water used to Drill: No
PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Mea Type of Mud System: WATER BASED Chlorides Max: 8000 Average: 5000		D. One time land appli	eation (REQUIRES PERMIT) PERMIT NO: 18-3598 =STEEL PITS PER OPERATOR REQUEST
Is depth to top of ground water greater than 10ft belo Within 1 mile of municipal water well? N Wellhead Protection Area? N Pit is located in a Hydrologically Sensitive Are Category of Pit: C			

HORIZONTAL HOLE 1

GARFIELD Sec 29 Twp 20N Rge 6W County Spot Location of End Point: NW NF NI\// NE Feet From: NORTH 1/4 Section Line: 165 Feet From: EAST 1/4 Section Line: 1850 Depth of Deviation: 6176 Radius of Turn: 461 Direction: 5 Total Length: 4957 Measured Total Depth: 11857 True Vertical Depth: 6987 End Point Location from Lease. Unit. or Property Line: 165 Notes: Description Category HYDRAULIC FRACTURING 12/29/2018 - 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 **INCREASED DENSITY - 689324** 1/31/2019 - G58 - 29-20N-6W X602714 MSSP 1 WELL SK NEMAHA 1/1/2019 PENDING CD - 201809300 1/31/2019 - G58 - (I.O.) 29-20N-6W X602714 MSSP COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 1850' FEL NO OP. NAMED REC 11/26/2018 (P. PORTER) SPACING - 602714 1/31/2019 - G58 - (640)(HOR) 29-20N-6W EST MSSP, OTHERS POE TO BHL NCT 660' FB (SUPERSEDE SP. ORDER 63882 MSSLM NW4, SE4, SP. ORDER 46581 MNNG; COEXIST SP. ORDER 63882 MSSLM NE4, SW4)

