	F OKLAHOM (F <u>AMEN</u> County: MURRA' 'ROM QUARTER: FROM SC	CONSERVATIO P.O. BOX 52000 MA CITY, OK 73 Rule 165:10-3-1 ID PERMIT TO I	N DIVISION 152-2000) DRILL EST	Approval Date: 01/06/2017 Expiration Date: 07/06/2017
Lease Name: CRIPPEN-MASTERS Operator SOUTHSTAR EXPLORATION LLC Name:	Well No: 2-	33 Telephone: 40523	Well will	be 223 feet from nearest unit or lease boundary. OTC/OCC Number: 23709 0
SOUTHSTAR EXPLORATION LLC 6701 BROADWAY EXT STE 301 OKLAHOMA CITY, OK 731	6-8236		DOROTHY V MAS PO BOX 397 DAVIS	TERS OK 73030
Formation(s) (Permit Valid for Listed Formation Name 1 SPRINGER 2 SYCAMORE 3 HUNTON 4 VIOLA 5 1ST BROMIDE Spacing Orders: 50308 342907	ns Only): Depth 1895 3899 4273 4428 4522 Location Exception Ord	6 7 8 9 10 ders: 662446 201605142	Name 2ND BROMIDE 3RD BROMIDE MCLISH OIL CREEK	Depth 4616 4692 4944 5410
Pending CD Numbers: Total Depth: 5515 Ground Elevation: 830	Surface Ca	sing: 650	De	Special Orders: epth to base of Treatable Water-Bearing FM: 560
Under Federal Jurisdiction: No PIT 1 INFORMATION Type of Pit System: CLOSED Closed System Means Steel P Type of Mud System: WATER BASED Chlorides Max: 4000 Average: 2500 Is depth to top of ground water greater than 10ft below base of p	ts	D. On	red Method for disposal of E e time land application (R	
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 Formation: ALLUVIAL Pit Location Formation:		Sec Spot I Feet F Feet F Meas True ¹ End F		1/4 Section Line: 1685 1/4 Section Line: 2469 100 0 ease,

Notes:

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is SIX 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.

Category	Description
FORMATIONS	1/6/2017 - G60 - REMOVED ARBUCKLE PER OPERATOR
HYDRAULIC FRACTURING	10/13/2017 - 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 - 662724	1/6/2017 - G60 - NE4 SW4 33-1N-2E X342907 BRMD 1 X50308 BRMD3 1 WELL NO OP. NAMED 4/12/17
LOCATION EXCEPTION - 201605142	9/4/2018 - G60 - NPT 668742 TO CORRECT SPACING ORDER NUMBER 50308 FOR THE BRMD3 AND MCLS
LOCATION EXCEPTION - 668742	12/30/2016 - G60 - (F.O.) NE4 SW4 33-1N-2E X342907 SPRG, SCMR, HNTN, VIOL, BRMD1, OLCK, OTHER X50308 MCLS, BRMD3 ** CORRECTED BY NPT SHL 223' FEL, 344' FSL SPRG POE TO BHL 351' FSL, 195' FEL TO 345' FNL, 178' FEL SCMR POE TO BHL 341' FSL, 178' FEL TO 340' FSL, 176' FEL HNTN POE TO BHL 337' FSL, 176' FEL, 338 FSL, 176' FEL VIOL POE TO BHL 339' FSL, 174' FEL BRMD1 POE TO BHL 340' FSL, 173' FEL BRMD2 341' FSL, 173' FEL BRMD3 343' FSL, 172' FEL MCLS 349' FNL, 171' FEL OLCK 355' FNL, 170' FEL SOUTHSTAR EXPLORATION, LLC. 10/3/17
SPACING - 342907	12/29/2016 - G60 - (40) SE4 NW4, NE4 SW4 33-1N-2E EXT 39855/50308 HNTN, VIOL, VAC 50314 BRMU2, BRML2 EXT 39855/50308/78532 BRMD2 EXT 122265/221563 BRMD1 EXT 288407 SCMR, SPRG, OLCK EST OTHER
SPACING - 50308	12/29/2016 - G60 - (40) NE4 SW4 33-1N-2E VAC E2 SW4 39855 HNTN, VIOL, BRMD, MCLS EST BRMD3, MCLS