API NUMBER: 017 25604

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

Approval Date: 02/19/2020 Expiration Date: 08/19/2021

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: S	ection: 28	Township:	12N Range:	7\//	County: CA	ANADIAN	\neg			
SPOT LOCATION: SW	sw sw	NE NE	FEET FROM QUARTER:							
SPOT LOCATION. SW	300 300	INE	SECTION LINES:			FROM EAST				
			SECTION LINES.		2466	2403				
Lease Name: HUB	BARD 1207			Well No:	1SMHX-28	We	ell will be 2	403 feet fro	om nearest unit o	r lease boundary.
Operator Name: CHA	PARRAL ENERGY	LLC	Т	elephone:	405478877	70; 4054264481;		0	TC/OCC Numb	er: 16896 0
CHADADDAI ENE	EDCVII C									
CHAPARRAL ENE						OTEVEN JENIOEN				
701 CEDAR LAKE BLVD						STEVEN JENSEN				
OKLAHOMA CITY	,	OK	73114-7800			707 SOUTH HOFF				
						EL RENO		OK	73036	
Formation(s) (Pe	rmit Valid for L	isted For	mations Only):							
Name		Code		Depth						
1 MISSISSIPPIAN		359M	SSP	9690						
Spacing Orders: 68178	34		Loca	tion Except	tion Orders:	No Exceptions		Increased	Density Orders:	No Density Orders
69043										
70876	i6 									No On a sigl Ondon
Pending CD Numbers:	202000141							;	Special Orders:	No Special Orders
	202000136									
	202000435									
Total Depth: 18200	Ground B	Elevation: 1	367 S ı	urface C	asing: 1	1500	Depth to b	ase of Treata	able Water-Bearing	FM: 380
								Deep su	urface casing	has been approved
Under Federa	al Jurisdiction: No									
Fresh Water Suppl	ly Well Drilled: No	Fresh Water Supply Well Drilled: No					sal of Drilling	Fluids:		
Surface Wate						Approved Method for dispose D. One time land application	_		PER	MIT NO: 20-37265
	r used to Drill: Yes	5					_		PER	MIT NO: 20-37265
	r used to Drill: Yes	3				D. One time land application	_		PER	MIT NO: 20-37265
PIT 1 INFORMAT	ION					D. One time land application H. SEE MEMO Category of Pit:	- (REQUIRES		PER	MIT NO: 20-37265
Type of Pit Sys	ION stem: CLOSED C	losed Syste	m Means Steel Pits			D. One time land application H. SEE MEMO Category of Pit: Liner not required for Category	: C		PER	MIT NO: 20-37265
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Type of Pit Sys Type of Mud Sys Chlorides Max: 5000 Av	ION stem: CLOSED C stem: WATER BAS verage: 3000	losed Syste				D. One time land application H. SEE MEMO Category of Pit: Liner not required for Category	: C gory: C	PERMIT)	PER	MIT NO: 20-37265
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MULTI UNIT HOLE 1

Section: 21 Township: 12N Range: 7W Total Length: 7755

County: CANADIAN Measured Total Depth: 18200

Spot Location of End Point: NE NW NE NW True Vertical Depth: 9980

Feet From: NORTH

1/4 Section Line: 150
End Point Location from
Lease,Unit, or Property Line: 150
Lease,Unit, or Property Line: 150

NOTES:	
Category	Description
DEEP SURFACE CASING	2/12/2020 - 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	2/12/2020 - 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	2/12/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SIX MILE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000136	2/13/2020 - G56 - (E.O.) 21 & 28-12N-7W X690431 MSSP 21-12N-7W X681784 MSSP 28-12N-7W COMPL. INT. (28-12N-7W) NCT 0' FNL, NCT 2640' FNL, NCT 330' FWL*** COMPL. INT. (21-12N-7W) NCT 0' FSL, NCT 150' FNL, NCT 330' FWL CHAPARRAL ENERGY, LLC REC 2/7/2020 (NORRIS) *** S/B COMPL. INT. (28-12N-7W) NCT 0' FNL, NCT 2640' FSL, NCT 330' FWL; WILL BE CORRECTED
	AT HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 202000141	2/13/2020 - G56 - (E.O.) 21 & 28-12N-7W EST MULTIUNIT HORIZONTAL WELL X690431 MSSP 21-12N-7W X681784 MSSP 28-12N-7W 33% 28-12N-7W 67% 21-12N-7W CHAPARRAL ENERGY LLC REC 2/7/2020 (NORRIS)
PENDING CD - 202000435	2/19/2020 - G56 - (E.O.) 21 & 28-12N-7W X165:10-3-28(C)(2)(B) MSSP (HUBBARD 1207 1SMHX-28) MAY BE CLOSER THAN 600' TO BONEBRAKE 21-3, BONEBRAKE 21-2, JENSEN 2-28 WELLS CHAPARRAL ENERGY, LLC HEARING 2/24/2020 OK'D PER MCCOY
SPACING - 681784	2/13/2020 - G56 - (640)(HOR) 28-12N-7W EXT 661894 MSSP, OTHER POE TO BHL NCT 660' FB
SPACING - 690431	2/13/2020 - G56 - (640)(HOR) 21-12N-7W EXT 661894 MSSP, OTHER POE TO BHL NCT 660' FB (COEXIST WITH SP. ORDER #147489 MSSP)
SPACING - 708766	2/18/2020 - G56 - NPT CORRECTING SP # 681784 MSSP TO COEXIST WITH SP # 165642 MSSP IN $28-12N-7W$

TOPOGRAPHIC LAND SURVEYORS
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1292 LS CANADIAN County, Oklahoma 28 Township 12N Range - 2403'FEL Section 7W_1.M-66 81 X 2013519 Y 184848 X 2018838 Y 184913 X 2016174 Y 184880 PROPOSED BOTTOM HOLE 150'FNL-1825'FWL 35'30'26.8" N 97'56'54.4" W 35.507444217' N 97.948450761' W 2-N-X 2015344 Y 184720 EXISTING WELL 180' EAST OF DRILL PATH GRID NAD-27
OK NORTH
US FEET
Scale:
1" = 1000' 1000 21 Best Accessibility to Loc Distance & Direction from Hwy Jct or Town __ Cor. of Sec. 28—T12N-Good X 2018838 Y 182274 Operator: CHAPARRAL Lease Name: X 2013520 Y 182216 Topography Dr:II Site? RAILROAD & Vegetation HUBBARD 28-T12N-R7W EXISTING WELL 34' WEST OF DRILL PATH Location ENERGY, 1207 Yes 81 From Loc. LLC fell From X 2016180 Y 179614 X 2018838 Y 179640 Jct Ξ. East sloped Hwy. X 2013520 Y 179587 Reference Stakes Set 00'02 off pasture <u>~</u> S N-S Hwy Stakes o and 00 Veli 2466 1-40, 9 No: . Alternate PROPOSED go SURFACE HOLE 2466'FNL-2403'FEL :XHMS NAD-83 35'29'12.1" 97'56'42.5" ±0.5 249 Location ₹. 28 5259 28 South 168 PROPOSED LEASE ROAD X 2013523 Y 176952 **ELEVATION:** 1368' Gr. at St 1367' Gr. at St PROPOSED LANDING POINT 2640'FNL-1825'FWL 35'29'10.1" N 97'56'54.4" W 35.486140771' N 97.948453211' W X 2015348 Y 176965 X 2018838 Y 177007 ō the K Stake Stake (NAVD88) (NGVD29) X 2013525 Y 174328 X 2016192 Y 174351 NOTES: THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED. WAR ESSIONAL Date of Drawing: __Feb. 07, Project # <u>132988</u> Date Staked: <u>Jan. 31</u>, **20**19 DATUM:_3
LONG: 9 NAD-27 AC LAT: 35'29'11.9"N LONG: 97*56'41.3"W LAT: 35.486646620" N **CERTIFICATE:** DAN W. Dan W. Rogers _an Oklahoma Licensed Land LONG: 97.944799847' W **ROGERS** Surveyor and an authorized agent of Topographic Land 1200 STATE PLANE Surveyors, do hereby certify to the information shown herein. COORDINATES: (US Feet) ZONE: OK NORTH X: 2016435 OKLAHOMA 177150 Oklahoma Lic. No. _