API NUMBER: 087 22360

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

Approval Date:	05/20/2022
Expiration Date:	11/20/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 09 Township: 5N Range: 1W County	: MCCLAIN						
SPOT LOCATION: NW NE NE NW FEET FROM QUARTER: FROM NORTH	f FROM WEST						
SECTION LINES: 175	2256						
Lease Name: KALAHARI Well No: 1-4-333	XH Well will be 175 feet from nearest unit or lease boundary.						
Operator Name: CHARTER OAK PRODUCTION CO LLC Telephone: 405286	OTC/OCC Number: 21672 0						
CHARTER OAK PRODUCTION CO LLC	4-K REAL ESTATE HOLDING COMPANY, LLC						
13929 QUAIL POINTE DR	14860 RAILWAY AVE.						
OKLAHOMA CITY, OK 73134-1037							
OKE WISHING OF THE STATE OF THE	WAYNE OK 73095						
Formation(s) (Permit Valid for Listed Formations Only):							
Name Code Depth							
1 PENN BASAL UNCONF SAND 401BPUNC 6600							
2 WOODFORD 319WDFD 6635							
3 HUNTON 269HNTN 6810							
Spacing Orders: 636829 Location Exception Ord	ers: No Exceptions Increased Density Orders: No Density						
626647	THO EXCOPLIONS						
660060							
Pending CD Numbers: 202201606 Working interest ow	ners' notified: *** Special Orders: No Special						
202201607 Working Interest ow	ners notined.						
202201007							
Total Depth: 18000 Ground Elevation: 1095 Surface Casing	p: 450 Depth to base of Treatable Water-Bearing FM: 210						
Under Federal Jurisdiction: No	Approved Method for disposal of Drilling Fluids:						
Fresh Water Supply Well Drilled: No	D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38183						
Surface Water used to Drill: Yes	· · ·						
	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: AP/TE DEPOSIT						
Chlorides Max: 5000 Average: 3000	Pit Location Formation: TERRACE						
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</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: AP/TE DEPOSIT						
Chlorides Max: 300000 Average: 200000 Pit Location Formation: TERRACE							
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</u> located in a Hydrologically Sensitive Area.							

MULTI UNIT HOLE 1

Section: 33 Township: 6N Range: 1W Meridian: IM Total Length: 10750

County: MCCLAIN Measured Total Depth: 18000

Spot Location of End Point: N2 NW NE NE True Vertical Depth: 6810

Feet From: NORTH 1/4 Section Line: 50 End Point Location from
Feet From: EAST 1/4 Section Line: 990 Lease,Unit, or Property Line: 50

NOTES:							
Category	Description						
HYDRAULIC FRACTURING	[5/18/2022 - G56] - 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						
MEMO	[5/18/2022 - G56] - CLOSED SYSTEM=STEEL PITS (REQUIRED - ROSE C.L. LAKE), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT						
PENDING CD - 202201606	[5/20/2022 - G56] - (E.O.) 4-5N-1W & 33-6N-1W EST MULTIUNIT HORIZONTAL WELL X636829 BPUNC, WDFD, HNTN 4-5N-1W X626647 WDFD, HNTN 33-6N-1W X660060 BPUNC 33-6N-1W (BPUNC, HNTN ARE ADJACENT CSS TO WDFD) 50% 4-5N-1W 50% 33-6N-1W NO OP NAMED REC 5/9/2022 (DENTON)						
PENDING CD - 202201607	[5/20/2022 - G56] - (E.O.) 4-5N-1W & 33-6N-1W X636829 BPUNC, WDFD, HNTN 4-5N-1W X626647 WDFD, HNTN 33-6N-1W X660060 BPUNC 33-6N-1W (BPUNC, HNTN ARE ADJACENT CSS TO WDFD) COMPL INT (4-5N-1W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL INT (33-6N-1W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP NAMED REC 5/9/2022 (DENTON)						
SPACING - 626647	[5/20/2022 - G56] - (640)(HOR) 33-6N-1W EST WDFD, HNTN COMPL INT (WDFD) NCT 330' FB COMPL INT (HNTN) NCT 660' FB (SUPERSEDE ORDER # 170749 HNTN)						
SPACING - 636829	[5/20/2022 - G56] - (640)(HOR) 4-5N-1W EST BPUNC, WDFD, HNTN, OTHERS COMPL INT (BPUNC, HNTN) NCT 660' FB COMPL INT (WDFD) NCT 330' (COEXIST WITH SP # 153285 HNTN)						
SPACING - 660060	[5/20/2022 - G56] - (640)(HOR) 33-6N-1W EST BPUNC, OTHERS COMPL INT NCT 660' FB						

Well Location Plat

M & M Land Surveying, Inc. 520 "E" Street NW. Ardmore, OK. 73401 Office 580-226-0446 Mobile 580-221-4999

Company	Name: _	Charter Oak Pro	duction Company	Lease	Name	e: <u>Ka</u>	alahar	1-4-33XH	
Section	9	Township	5 North	Range <u>1 V</u>	Vest	County	/	McClain	Oklahoma
Surface L	ocation	175' FNL	- 2256' FWL	Elevation 1095'		Good Location Yes	on? —	Alfalfa f	oography ield 25' East of -16-21XH
N 00°35′52″ W	225	2655.65'	SECT ON 9 T5N -RIW	N 89°36 2645			S 00°31′02″ E 528\$.50′		SCALE 1° = 1000 O' 1000 Job # 22048 Date 3/01/2022 NAD 83 OK SOUTH Surface Location Latitude: 34.927381° Longitude: 97.310949° N= 580,819' E= 2,175,043' NAD 27 OK SOUTH Surface Location Latitude: 34.927306° Longitude: 97.310644° N= 580,776' E= 2,206,639'
-			S 89°31 '27" W 529\$.77'		-				
									essibility to Location e East off Nicholas
Distance & Direction I	From Sor Town	he intersection of 150 ection 9.	h Street & Nicholas D	rive is at the Nort	heast (Corner of the NV	V/4 of		PROFESSIONAL LAND
I, D. Harry certify tha			urveyor in the state of on was surveyed and s	Oklahoma, do he staked on the gro	ereby and as			RED	D. HARRY W

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us dis immediately of any discrepancy.

shown.

The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.

D. HARRY
MCCLINTICK
SCHOOL

OKLAHOMP

OKLAHOMP

Topography Plat

M & M Land Surveying, Inc.
520 "E" Street NW. Ardmore, OK. 73401
Office 580-226-0446 Mobile 580-221-4999

Company Name:	Charter Oak Product	ion Compan	У	Lease Nam	ne: <u>Kalal</u>	hari 1-4-33XF	<u> </u>
	Township						
	175' FNL - 225					To - Alfalfa	pography field 25' East of 9-16-21XH
	N 89°30/31" E 755 2655.05"	093 SEOT ON 9 TSN RIW		Rollinge Disp	080	Best Ac	SCALE 1' = 1000' Job # 22048 Date 3/01/2022 NAD 83 OK SOUTH Surface Location Latitude: 34.927381° Longitude: 97.310949° N= 580,819' E= 2,175,043' NAD 27 OK SOUTH Surface Location Latitude: 34.927306° Longitude: 97.310644° N= 580,776' E= 2,206,639' cessibility to Location ne East off Nicholas

The intersection of 150th Street & Nicholas Drive is at the Northeast Corner of the NW/4 of Distance & Direction From Section 9.

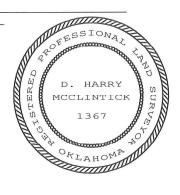
Highway or Town-

I, D. Harry McClintick, a Registered Land Surveyor in the state of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown. 28/2022

D. Harry McClintick, R.P.L.S. # 1367, CA # 3093

This location has been staked according to the best official survey records available to us, but its accuracy is not guaranteed. Please review this plat and notify us immediately of any discrepancy.

The distances shown in parenthesis () are calculated distances based on the quarter section being 2640' and have not been measured.

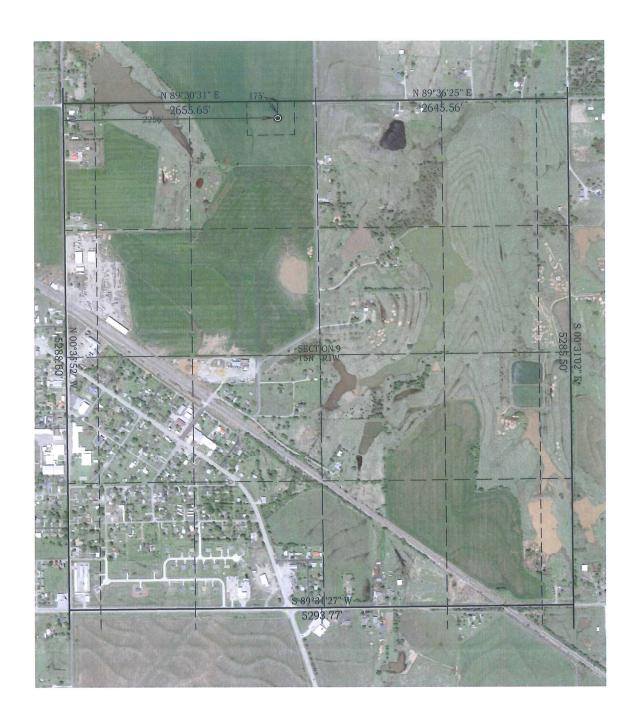


Company Name: Charter Oak Production Company Lease Name: Kalahari 1-4-33XH

Section 9 Township 5 North Range 1 West County McClain Oklahoma

Surface Location 175' FNL - 2256' FWL Elevation 1095' Good Location?

Yes





Permit Plat M & M Land Surveying, Inc. 520 "E" Street NW. Ardmore, OK. 73401

										580-221-4				
				er Oak Pro				Lease					4-33XH	011.1
Section		9	To	wnship _	5 No	rth				st C		Mc		Oklahoma
Surface l	Loc	ation		175' FNL -	2256' F	WL	Elev 10	ration 095'		Good Le Ye	ocation? s			graphy ld 25' East of
							AD 83 OF	KLAHC	OM	IA SOUTH	. 0		Tut 1-9-1	
			e iou - I		1		l							
		N:59157 E:21726		THE RESERVE THE PROPERTY OF THE PARTY OF THE	39°51'44" E				V·59	1588.84'				STH
	-	-	<u>-</u> 		50	ottom Hole D' FNL DO' FEL	Last Perf. 165' FNL 1032' FEL			77966.11'				Bearings are GRID NORTH
		ì							Z					Be
	2	 			Ì	PI		5279.39	00°5					SCALE 1" =1500'
	5280.00' W	0000		S	ECTION 33 T6N - R1W		8944.56' 76029.29' 1980'	39'	N 00°56'14" W					Job # 22048 Date 3/01/2022
Ü	0'	2" W				 	 				Surface Latitud	e Loca le: 3 lde: 9 80,81	34.927381° 97.310949° 9'	NAD 27 OK SOUTH Surface Location Latitude: 34.927306° Longitude: 97.310644° N= 580,776' E= 2,206,639'
						į l					First Po N= 58 E= 2,1'	31,16		First Perforation Pt. N= 581,124' E= 2,207,701'
		į			89°5 1'07" W	7	1			:586310.16' :2178052.46'	PI N= 58	88 94	-5'	PI N= 588,901'
	(N	N:58629	86296.40',E:2172731.20'		532 1.28'						E=2,1	76,02	9'	E= 2,207,625'
	1348.04'2666	ω İ	LOT 4 LOT 3	LOT 3	1	7.1 N.OT 2	LOT	1340.94'			Last Pe N= 59 E= 2,1	91,42		Last Perforation Pt. N= 591,378' E= 2,208,531'
	2666	00°34	+	00°33 ¹ 19"	·			Bottom Hole N= 591,536'			Bottom Hole N= 591,493'			
	.42				İ	9" W					E = 2,1'			E= 2,208,573'
	1318.38							1317.87	7					
	38				87	3				O SSI	ONA			
	-				SECTION 4				-			MI	POFESSI OFESSION	A Samoon
		 	 			İ			N	3		STERED	D. HA	ARRY OF
	265	— — — N 00°35′14″	1					- - +	062F 7E'			M . 1	136	
	2655.47	35'14 1-	+				† – –	5	F 75	2 7 7		B	OKLAH	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	-	₩		1,25	,,		st Perf 5' FSL	1	8	=			HAMMIN	
			1651111	172.06	5. E		30' FEL	į						
:580974.79' :2172785.43'		_	165' Hard N 89°30'3	I" E			6'25" E	-	-	N:581015.7' E:2178086.48'	()11	/	m/	- 1/ /
		į	2655.0	<i>y</i>		264	5.56'				WH	7/1	Histor D.D.C.	4/26/2022
			Surface I	ocation	SECTION 9		i				This location	has l	been staked a	S. # 1367, CA # 3093 ccording to the best official
				l	lon Kiw			1			survey recor- guaranteed.	ds ava Pleas	ailable to us, l	out its accuracy is not plat and notify us

Proposed Pad Plat

EXHIBIT "A"

M & M Land Surveying, Inc. 520 "E" Street NW. Ardmore, OK. 73401 Office 580-226-0446 Mobile 580-221-4999

Tut 1-9-16-21XH & Charter Oak Production Company Company Name: Lease Name: Kalahari 1-4-33XH Township Oklahoma 5 North Range 1 West County McClain Surface Location 175' FNL - 2231' & 2256' FWL S 89°30'31" W 1932.72' N 89°30'31" E To Magnail @ #8 Rebar filed 225.00 NW/C of NW/4 filed by RLS#1816 by RLS #754 NE/C of NW POB. Pad N 89°30'31" E EL:1094.71 S 89°30'31" W EL:1096.68 498.00' 225.00 16.5' Statutory Right of Way Centerline of Proposed 25' Lease Road 175 4.00 acres 174266.77 sq ft Bearings are GRID NORTH 00°35 00°35'52" Kalahari 1-4-33XH Tut 1-9-16-21XH 350.00 EL:1095.19' W. 22022 Job # Date 3/01/2022 S 89°30'31" W EL:1094.71 498.00' Lease Road Description

A strip of land being 25 feet wide (12.5 feet each side of a centerline) in the NW/4 of Section 9, Township 5 North, Range 1 West, Indian Meridian, McClain County, Oklahoma, said centerline being more particularly described as follows: Commencing at the Northeast Corner of the NW/4; thence S00°33'37"E along the East line of the NW/4, a distance of 12.50 feet to the POINT OF BEGINNING; thence S89°30'31"W, and parallel with the North line of the NW/4, a distance of 225.00 feet to the POINT OF ENDING, bearings are Grid North. This Legal Description was prepared by D. Harry McClintick, RPLS #1367.

Legal Description

A tract of land being part of the NW/4 of Section 9, Township 5 North, Range 1 West, Indian Meridian, McClain County, Oklahoma, being more particularly described as follows: Commencing at the Northeast Corner of the NW/4; thence S89°30'31"W, along the North line of the NW/4, a distance of 225.00 feet to the POINT OF BEGINNING; thence S00°35'52"E, and parallel with the West line of the NW/4, a distance of 350.00 feet; thence S89°30'31"W, a distance of 498.00 feet; thence N00°35'52"W, a distance of 350.00 feet; thence N89°30'31"E, a distance of 498.00 feet to the POINT OF BEGINNING; said described tract containing 4.00 Acres, more or less, bearings are Grid North. This Legal Description was prepared by D. Harry McClintick, RPLS #1367.

If Seal is not in red ink this is a copy and is not to be used.

M & M Land Surveying, Inc. C.A .3093 LS #1367

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D. Harry McClintick R.P.L.S. No. 1367 Mobile 580-221-4999

Office 580-226-0446 520 "E" Street NW. Ardmore, OK 73401