API NUMBER: 093 25271 Α

Oil & Gas

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

Approval Date: 03/17/2022 **Expiration Date:** 09/17/2023

Horizontal Hole

Amend reason: CHANGE NAME, SURFACE CASING DEPTH, AND BHL

### AMEND PERMIT TO DRILL

WELL LOCATION:	Section:	27	Township: 23	BN Range:	12\\\	County:	MAJOR					
WELL LOCATION.	Section.	21	Township. 23	n Range.	1200	County.	IVIAJUR					
SPOT LOCATION:	SW SE	sw	SE	FEET FROM QUARTER:	FROM	SOUTH	FROM	EAST				
				SECTION LINES:		260		1664				
Lease Name:	BISON 2312				Well No:	2UOH-34	4A		Well will be	260	feet from nearest unit or lease	boundary.
Operator Name:	CHAPARRAL E	ENERGY	LLC	Te	elephone:	4054264	451; 4054	264481;			OTC/OCC Number:	16896 0

CHAPARRAL ENERGY LLC

4700 GAILLARDIA PARKWAY STE 200

OKLAHOMA CITY. 73142-1839 OK

SANDRA SUE WHITTENBURG & JACK L. WHITTENBURG

**PO BOX 164** 

**CLEO SPRINGS** OK 73729

Name	Code	Depth				
1 MISSISSIPPI LIME	351MSSLM	6831				
Spacing Orders: 63692		Location Exception Orders:	No Exceptions	Increased Density Orders	No Density	
Pending CD Numbers: 202	2200512	Working interest owners	'notified: ***	Special Orders: No Special		
202	200916					
202	200514					
Total Depth: 11700	Ground Elevation: 1285	Surface Casing: 7	790	Depth to base of Treatable Water-Bea	ring FM: 540	
Under Federal Ju	risdiction: No		Approved Method for dispo	sal of Drilling Fluids:		
Fresh Water Supply W	ell Drilled: No		D. One time land application (REQUIRES PERMIT) PERMI			
Surface Water use	ed to Drill: Yes		H. (Other)	SEE MEMO		

**PIT 1 INFORMATION** 

Type of Pit System: CLOSED Closed System Means Steel Pits Type of Mud System: WATER BASED

Within 1 mile of municipal water well? N Wellhead Protection Area? N located in a Hydrologically Sensitive Area.

Is depth to top of ground water greater than 10ft below base of pit? Y

**PIT 2 INFORMATION** 

Pit

Pit

Chlorides Max: 8000 Average: 5000

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 located in a Hydrologically Sensitive Area. Category of Pit: C

Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT Pit Location Formation: TERRACE

Category of Pit: C Liner not required for Category: C

Pit Location is: AP/TE DEPOSIT Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Total Length: 4909 Section: 34 Township: 23N Range: 12W Meridian: IM

> County: MAJOR Measured Total Depth: 11700 True Vertical Depth: 6861

Spot Location of End Point: SE SW SW SE

> Feet From: SOUTH 1/4 Section Line: 165 End Point Location from Lease, Unit, or Property Line: 165 Feet From: EAST 1/4 Section Line: 2210

NOTES:
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NOTES:	
Category	Description
HYDRAULIC FRACTURING	[2/23/2022 - GB1] - 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	[2/23/2022 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202200512	[3/8/2022 - GB1] - 34-23N-12W X63692 MSSP++ 3 WELLS NO OP NAMED REC 3/7/2022 (THOMAS)
	++FORMATION WILL BE CHANGED TO MSSLM AT HEARING AND NEW SP ADDED
PENDING CD - 202200514	[3/8/2022 - GB1] - (I.O.) 34-23N-12W X63692 MSSP++ X165: 10-3-28(C)(2)(B) MSSP MAY BE CLOSER THAN 600' TO JESSIE E HOWARD 1, HOWARD 2 COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 1320' FEL/FWL*** NO OP NAMED REC 3/7/2022 (THOMAS)
	*** WILL BE CORRECTED TO 165' FNL/FSL PER ATTORNEY FOR OPR AT HEARING; ++FORMATION WILL BE CHANGED TO MSSLM AT HEARING AND NEW SP ADDED
PENDING CD - 202200916	[3/17/2022 - GB1] - (E.O.)(640) 34-23N-12W MOD 63692 FROM MSSP TO MSSLM REC 3/17/22 (NORRIS)
SPACING - 63692	[3/8/2022 - GB1] - (640) 34-23N-12W EXT 42717/61821 MSSP CLARIFY 42717 MSSP
SURFACE CASING	[4/1/2022 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 27-23N-12W

# CHAPARRAL ENERGY

## COVER SHEET

SECTION: 27 TOWNSHIP: 23 N RANGE: 12 W I.M.

COUNTY: MAJOR COUNTY STATE: OKLAHOMA

OPERATOR: CHAPARRAL ENERGY, LLC

4700 GAILLARDIA PKWY, SUITE 200 OKLAHOMA CITY, OK 73142 WELL: <u>BISON 2312 2UOH-34A</u>

WELL: BISON 2312 3UOH-34

WELL: N/A

WELL: N/A

GPS DATUM NAD-27 OK NORTH ZONE								
NAME	NORTHING	EASTING	LATITUDE	LONGITUDE	WELL CALLS	S-T-R		
BISON 2312 2UOH-34A	522619'	1862477' N36.434808°		W98.467492°	260' FSL & 1,664 FEL	27, T 23 N - R 12 W		
BISON 2312 2UOH-34A LP 522200'		1861927' N36.433651°		W98.469353°	165' FNL & 2,210 FEL	34, T 23 N - R 12 W		
BISON 2312 2UOH-34A BHL	517291'	1861882'	N36.420166°	W98.469424°	165' FSL & 2,210 FEL	34, T 23 N - R 12 W		
BISON 2312 3UOH-34			N36.434808°	W98.467441°	260' FSL & 1,649 FEL	27, T 23 N - R 12 W		
BISON 2312 3UOH-34 LP			N36.433616°	W98.463132°	165' FNL & 380 FEL	34, T 23 N - R 12 W		
B <b>I</b> SON 2312 3UOH-34 BHL	517281'	1863712'	N36.420162°	W98.463204°	165' FSL & 380 FEL	34, T 23 N - R 12 W		

PAN-UP
DREDARED BV:

PREPARED BY:
AN-OP SURVEY & CONSULTING, LLC
11900 N MACARTHUR BLVD.
SUITE C2
OKLAHOMA CITY, OK 73162
CA# 8166
Evn: 06/30/2021

SECTION: 27	TOWNS	WNSHIP: 23 N RANGE: 12 W I.M.				REV.	DATE	BY	DESCRIPTION
COUNTY: MAJOR COUNTY				E: OKLAH	AMC	1	3/3/22	ERW	UPDATED DR <b>I</b> LL PATH
OPERATOR: CHAPARRAL AFE: N/A					2	4/1/22	ERW	UPDATED SH LOC. & NAME	
DATE STAKED: 11/11/21 PAN-OP: 21-0				1-001					
DATE DWN: 11/30/21 DWN BY: EF			w c	HK'D BY:	MVA				
SHEET NO.: 1 OF 8 SHEET SIZE: 8.5X14 EXHIBIT:			Α						

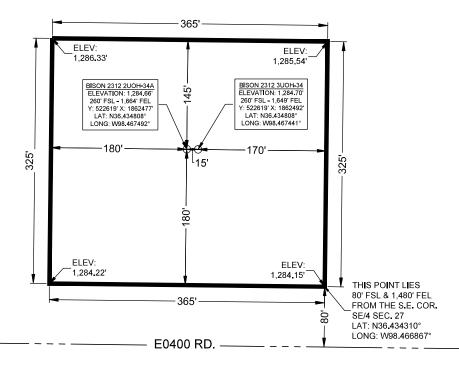
#### SECTION: 27 TOWNSHIP: 23 N RANGE: 12 W I.M. CHAPARRAL COUNTY: MAJOR COUNTY STATE: OKLAHOMA OPERATOR: CHAPARRAL ENERGY AFE: N/A 21-0121-002 PAN-OP: DATE STAKED: 11/11/21 DATE DWN: 11/30/21 DWN BY: ERW CHK'D BY: MVA **BISON 2312 2UOH-34A** SHEET NO.: 2 OF 8 SHEET SIZE: 8.5X14 EXHIBIT: B WELL LOCATION PLAT (X: 1858909.16) (X: 1864162.44) (Y: 524979.07) (Y: 524986,57) 27 APPROX. RODGERS #1 - (P&A) KELLN #1 X: 1862167 X: 1859557 Y:523029 BISON 2312 2UOH-34A 260' FSL - 1,664' FEL Y: 522619' X: 1862477' LAT: N36.434808° LONG: W98.467492° Y:523043 2610' X:1858892 X: 1864138 (X: 1861515.27) Y:522401 Y:522339 (Y: 522369.91) LP 165' FNL - 2,210' FEL Y: 522200' X: 1861927' LAT: N36,433651° DHC #1-33 X:1858214 LONG: W98.469353° Y:520986 233' -3701' HOWARD #2 X: 1862149 Y:521035 '16"W - 4909 09 GPS DATUM GPS DATUM NAD-27 OK NORTH ZONE U.S. FEET SCALE 1" = 1,000' 34 S00°31 (X: 1858880.19) (X: 1864114.70) JESSIE E. HOWARD #1 (Y:519771.95) (Y:519726.49) X: 1862134 Y:519051 L236' BHL 165' FSL - 2,210' FEL Y: 517291' X: 1861882' LAT: N36.420166° LONG: W98.469424° X: 1864091 Y:517114 (X: 1861479.62) (Y: 517128.53) PLEASE NOTE THAT THIS LOCATION WAS STAKED ON THE GROUND UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LAND SURVEYOR, BUT THE ACCURACY OF THIS SURVEY IS NOT GUARANTEED, PLEASE CONTACT PAN-OP PROMPTLY IF ANY INCONSISTENCY IS DETERMINED. GPS DATA IS OBSERVED FROM RTK-GPS, NOTE: X AND Y DATA SHOWN HEREON FOR SECTION CORNERS MAY NOT HAVE BEEN SURVEYED ON-THE-GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. QUARTER SECTION DISTANCES MAY BE ASSUMED FROM A GOVERNMENT SURVEY PLAT OR ASSUMED AT A PROPORTIONATE DISTANCE FROM OPPOSING SECTION CORNERS, OR OCCUPATION THEREOF, AND MAY NOT HAVE BEEN MEASURED ON-THE-GROUND, AND FURTHER, DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. CERTIFICATE: LEGEND I, CORY D. CULPEPPER AN OKLAHOMA LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF PAN-OP SURVEY & CONSULTING, LLC, DO DRILL PATH JURVEY & CONSULTING CORY D. HERBY CERTIFY TO THE INFORMATION SHOW HEREIN. WELL PAD CULPEPPER PREPARED BY: PAN-OP SURVEY & CONSULTING, LLC 11900 N MACARTHUR BLVD. SUITE C2 OKLAHOMA CITY, OK 73162 CA# 8166 Exp: 06/30/2021 11989 1/4 SEC LINE Oklahoma RPLS 4/1/2022 SCALE: 1" = 1,000'

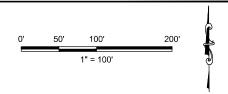
# **CHAPARRAL ENERGY**

BISON 2312 2UOH-34A & 3UOH-34 SE/4 SEC. 27, T 23 N - R 12 W MAJOR COUNTY, OKLAHOMA

PLAT

# SE/4 SEC. 27, T 23 N - R 12 W







LEGE!	<u>ND</u>
	WELL PAD SECTION LINE 1/4 SEC LINE BOUNDARY
SCALE: 1"	= 100'

SECTION:	27	TOV	/NSH <b>I</b> P: 23 N	RAN	GE: 12 W	I.M.	
COUNTY:	MAJO	R COU	NTY	STAT	E: OKLAH	OMA	
OPERATOR:	CHAP	ARRAL	AFE: N/A				
DATE STAKE	ED: 11/	11/21	PAN-OP: 21-0121-004				
DATE DWN:	11/30	/21	DWN BY: ERV	v c	HK'D BY: MVA		
SHEET NO :	4 OF	8 SI	HEET SIZE: 8.5	5X14	EXHIBIT:	ח	