API NUMBER: 139 24645

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

Directional Hole Injection

PERMIT TO DRILL

				<u> </u>	K IVII I	IUL	KILL							
WELL LOCATION:	Section: 27	Township:	5N Ran	ge: 13EC	County:	TEXAS								
SPOT LOCATION:	SE SE NE	SE	FEET FROM QUART	TER: FROM	SOUTH	FROM	EAST							
			SECTION LIN	IES:	1409		287							
Lease Name:	WITT-WORTH 27			Well No	: 675W			Well will be	287	feet from ne	arest unit or	lease bo	undary.	
Operator Name:	BREITBURN OPERAT	NG LP		Telephone	e: 7134378	000				OTC/O	OCC Numbe	er: 23	249 0	
BREITBURN	OPERATING LP					MAI	RKE&M/	ARY K WITT J	Γ					
1111 BAGBY	/ ST STE 1600					RR	3 BOX 51							
HOUSTON,		TX	77002-2547			НО	OKER			OK	73945			
Formation(s)	(Permit Valid for L	isted For	mations Only)											
Name		Code		Depth]								
1 MORROW		402M	RRW	6134										
Spacing Orders:	No Spacing		Lo	ocation Exce	eption Order	s: No I	Exceptio	ns	In	creased Densit	y Orders:	No De	nsity	
Pending CD Numb	pers: No Pending]		Working in	nterest owne	ers' notified:	***			Specia	al Orders:	No Spe	ecial	
Total Depth:	6460 Ground	Elevation: 3	317	Surface	Casing:	760		Depth	to base	of Treatable Wa	ater-Bearing	FM: 560		
Unde	r Federal Jurisdiction: No					Appro	ved Method	for disposal of Dri	illing Flui	ids:				
	er Supply Well Drilled: No ce Water used to Drill: Ye					D. One time land application (REQUIRES PERMIT) PERMIT NO: 22-38315								
Gunac	se vvater used to brill. Te	3				H. (Ot	ner)		CLOSE	D SYSTEM=S	TELL PITS P	ER OPER	ATOR	
PIT 1 INFOR	RMATION						Categ	ory of Pit: C						
1	Pit System: CLOSED (m Means Steel Pit	S		Liner not required for Category: C								
1	Mud System: WATER BA 3000 Average: 5000	SED				Pit Location is: NON HSA Pit Location Formation: PLEISTOCENE								
	o top of ground water great	er than 10ft b	pelow base of pit?	Υ		r	t Location F	Offilation. PLEIS	TOCENE	i				
	mile of municipal water we													
	Wellhead Protection Are	a? N												
Pit <u>is not</u>	located in a Hydrologically	Sensitive Are	ea.											
DIRECTIONAL	L HOLE 1													
Section: 27	Township: 5N	Ra	inge: 13E	Meridia	ın: CM									
	County: TE	XAS					Mea	sured Total De	pth: 6	6460				
Spot Location	on of End Point: SE	NE	SE S	E			Ti	rue Vertical De	pth: 6	6400				
	Feet From: SO	UTH	1/4 Section	Line: 98	3		Fnd	Point Location	from					
	Feet From: EA	ST	1/4 Section	Line: 16	6			it, or Property		66				

NOTES:

Category	Description
HYDRAULIC FRACTURING	[5/13/2022 - GC2] - 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
SPACING	[5/18/2022 - GC2] - N/A - DISPOSAL WELL
SURFACE CASING	[5/13/2022 - GC2] - NO DEEP SURFACE CASING - LOST CIRCULATION IN 23-5N-13ECM

PROPOSED NEW WELL LOCATION PLAT BREITBURN OPERATING, LP WITT-WORTH 27 COMPANY _ LEASE __ _ WELL NO. LOCATION 1409' FSL 13-ECM 27 TOWNSHIP **SECTION** RANGE STATE OKLAHOMA **PASTURE** COUNTY _ TOPOGRAPHY AND VEGETATION APPROXIMATELY 15.0 MILES NORTHWEST OF GUYMON, OKLAHOMA DIRECTION FROM NEAREST TOWN SEC 21 SEC 22 1/2" I.P. FND. SEC 22 SEC 23 S 87°53'08" E 5287.4' 1/2" I.R. W/ GREEN CAP FND. X = 932,836 Y = 703,553 SEC 28 COUNTY ROAD "I" = 938,119 = 703,358 SEC 26 SEC 27 SEC 27 WEST HOUGH HOVEY MORROW UNIT #42-1 HOVEY MORROW UNIT #41-3 MORROW UNIT #201 ດິ 5274.4 HOVEY MORROW UNIT #41-2 PRICE "A" #1-M WEST HOUGH MORROW UNIT #301 1 ROAD PRICE #1 > WITT-WORTH 27 #16W 02.05'13" BHL FRANKLIN LUNSFORD | "B" #2 1230, lσ z 6 BHLO FRANKLIN LUNSFORD | "B" #2A WITT-WORTH 27 #2 ,287 (A) ITT-WORTH 27 #675W SURFACE LOCATION DETAIL SCALE: 1" = (SEE DETAIL) -WITT-WORTH 27 #675W BOTTOM HOLE LOCATION 1409, C.A. BLAKE #1 20, 166 WITT-WORTH 27 #141 O BHL 983, WITT-WORTH 27 #675W SEC 28 SEC 27 5/8" I.R. FND. SEC 26 COUNTY ROAD "J" X = 932,644 Y = 698,283 SEC **33** 3/4" I.R. FND. N 87°51'24" W 2640.6 N 87°52'09" = 937,920 = 698,086 SEC **35** SEC 34 2639.3 SEC 34 BOTTOM HOLE LOCATION 983' FSL & 166' FEL OF SECTION 27 OKLA. COORDINATE SYSTEM NAD-27 OKLAHOMA NORTH ZONE U.S. FEET SURFACE LOCATION 1409' FSL & 287' OF SECTION 27

WELL LEGEND PERMITTED

O DRY HOLE

OIL

GAS OIL/GAS

PLUGGED OIL

PLUGGED GAS

PLUGGED OIL/GAS

INJECTION/DISPOSAL O PROPOSED OIL/GAS

▼ PROPOSED INJECTION

OF SECTION 27

X = 937,687

Y = 699,504

36'52'01.18"

-101'37'55.30"

36.866'956'

-101.632027':

NAD83:

X = 906,085

Y = 699,533

X = 906,085

Y = 699,533

36'52'01.28"

-101'37'56.88"

36.86'70210'

-101.6324655'

DF SECTION 27 NAD27: X = 937,791 Y = 699,074 36'51'56.98" -101'37'53.81" 36.8658269' -101.6316147' NAD83: X = 906,189 Y = 699,105 36'51'57.07" -101'37'55.39" 36.8658523' -101.6320531'

WITT-WORTH 27 #675W									
LINE	GRID AZ	DISTANCE							
SL-BHL	166*19'	442'							

WELL NAME	TO BHL
WITT-WORTH 27 #2 BHL	1832'
WITT-WORTH 27 #11 BHL	824'
WITT-WORTH 27 #141 BHL	881'
WITT-WORTH 27 #16W BHL	1316'
HMU #41-1	4118'
HMU #41-2	3299'
HMU #41-3	4814'
HMU #42-1	5751'
WHMU #201	3849'
WHMU #301	2248'
PRICE #1	3135'
PRICE "A" #1-M	2367'
F. LUNSFORD "B" #2	2070'
F. LUNSFORD "B" #2A	1881'
C.A. BLAKE #1	590'
C.A. BLAKE "A" #1	4566'

This plat is intended for Oklahoma Corporation Commission Permit purposes only and is NOT to be relied upon as a boundary survey and is NOT to be used to convey or establish real property interests.

Bearings and dimensions shown are based on Grid Azimuth and Grid distance. All X,Y coordinates are based on NAD27, Oklahoma North Zone, U.S. Feet, unless otherwise noted.

X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.

All plugged and/or abandoned wells shown hereon are calculated from Oklahoma Corporation Commission records and have not been field verified.

1" = 1000 Scale

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY MYSELF OR OTHERS UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED: DATED.

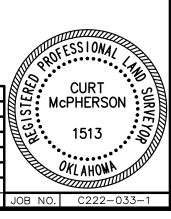


BREITBURN OPERATING, LP

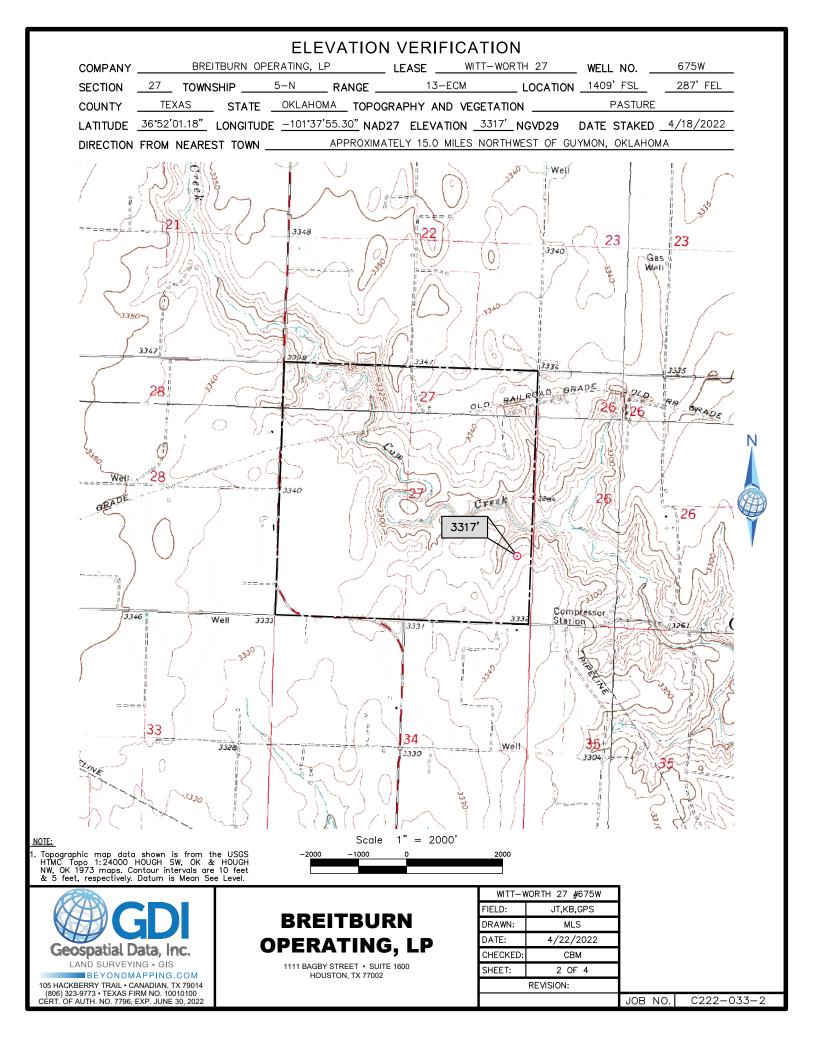
1111 BAGBY STREET • SUITE 1600 HOUSTON, TX 77002

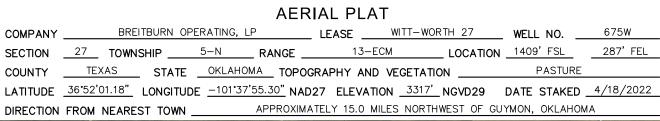
WITT-V	VORTH 27 #675W
FIELD:	JT,KB,GPS
DRAWN:	MLS
DATE:	4/22/2022
CHECKED:	СВМ
SHEET:	1 OF 4
REVISI	ON: 4/22/2022
MOVED	BHL TO 166' FEL

4/22/2022



BEYONDMAPPING.COM 105 HACKBERRY TRAIL • CANADIAN, TX 79014 (806) 323-9773 • TEXAS FIRM NO. 10010100 CERT. OF AUTH. NO. 7796, EXP. JUNE 30, 2022









- PERMITTED O DRY HOLE
- OIL
- OIL/GAS
- PLUGGED OIL
- PLUGGED GAS PLUGGED OIL/GAS
- INJECTION/DISPOSAL
- O PROPOSED OIL/GAS ▼ PROPOSED INJECTION

SURFACE LOCATION 1409' FSL & 287' OF SECTION 27

OF SECTION 27

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36'52'01.18"

-101'37'55.30"

36.8669956'

-101.632027'

NAD83:

X = 906,085

Y = 699,553

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DF SECTION 27
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-101'37'55.81"
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-101.6316147'
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X = 906,189
Y = 699,105
36'51'57.07"
-101'37'55.39"
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OKLA. COORDINATE SYSTEM NAD-27 OKLAHOMA NORTH ZONE U.S. FEET

WITT-WORTH 27 #675W									
LINE	GRID AZ	DISTANCE							
SL-BHL	166"19"	442'							

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 observations and/or RTK survey methods.
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	Scale	1" = 1000'	
-1000	-500	0	1000



BREITBURN OPERATING, LP

1111 BAGBY STREET • SUITE 1600 HOUSTON, TX 77002

WITT-V	VORTH 27 #675W
FIELD:	JT,KB,GPS
DRAWN:	MLS
DATE:	4/22/2022
CHECKED:	СВМ
SHEET:	3 OF 4
REVISI	ON: 4/22/2022
MOVED	BHI TO 166' FFI

JOB NO. C222-033-3

COM	IPAN'	Υ_			BF	REIT	BUR	N OI	PERA	TINC), LF				LE	ASE	-		WITT	_ WC	DRTH	27		_ \	NELL	_ N(Э		<u>67</u>	5W		_
SEC	TION	_	27	_	TOW	/NSI	HP .		5-	-N		. RA	ANGE	Ξ_			13-	ECM	1		L	OCA	OIT.	۱	1409) FS	SL_	_	28	7' F	EL	_
COU	NTY	_	Т	EXA	48	_	ST	ATE		KLA	HOM	1A	_ то	POG	SRA	PHY	ΑN	D V	ÆGE	TAT	ION					PAS	TURI	Ε				_
LATI	TUDE	Ξ _	36 ° 52	2'01	1.18"	<u>.</u> L	ONO.	ITU	DE <u>-</u>	-101	' 37'	55.3	<u>30"</u> [NAD	27	ELE	ΞVΑ	MOIT	1 <u>3</u>	317	_ NO	SVD2	29	DA	ATE	STA	١٤٢٤	ے د	4/18	3/20)22	_
DIRE	CTIO	N F	RON	/ N	IEAF	REST	г тс	NWC				ΑP	PRO:	XIMA	TEL	Y 15	5.0	MILE	S N	ORT	HWE:	ST C	F G	UYM	ON,	OKI	_AH(AMC				_
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										7 W OI	·י^ #		, ,,,	-/1/			J. P.	32	33	34	35	36 3	1 3	2 3	3 3	4 3	35 3	6 3	1 3	2 3	33	

VICINITY MAP



BREITBURN OPERATING, LP

1111 BAGBY STREET • SUITE 1600 HOUSTON, TX 77002

WITT-WORTH 27 #675W								
FIELD:	JT,KB,GPS							
DRAWN:	MLS							
DATE:	4/22/2022							
CHECKED:	СВМ							
SHEET:	4 OF 4							
REVISION:								

JOB NO. C222-033-4