For KCC	Use:
Effective	Date:
District #	
SGA?	Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form C-1

March 2010

Form must be Typed

Form must be Signed

All blanks must be Filled

NOTICE OF INTENT TO DRILL

month day year DPERATOR: License#	Sec Twp S. R E feet from _ N / _ S Line of Section feet from _ E / _ W Line of Section
Address 1:	Is SECTION: Regular Irregular? (Note: Locate well on the Section Plat on reverse side)
dddress 2: State: Zip: + Contact Person: State: Zip:	(Note: Locate well on the Section Plat on reverse side)
City: State: Zip: + Contact Person:	,
ontact Person:	County:
1010.	Lease Name: Well #:
	Field Name:
ONTRACTOR: License#	Is this a Prorated / Spaced Field?
ame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MS
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OMMANO, and well information as fallows.	Surface Pipe by Alternate: III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
	Water Source for Drilling Operations:
irectional, Deviated or Horizontal wellbore? Yes No	Well Farm Pond Other:
Yes, true vertical depth:	DWR Permit #:
ottom Hole Location:	(Note: Apply for Permit with DWR)
00 DICT #.	Will Cores be taken?
AFI	If Yes, proposed zone:
he undersigned hereby affirms that the drilling, completion and eventual plu	gging of this well will comply with K.S.A. 55 et. seq.
is agreed that the following minimum requirements will be met:	
	by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging ; ed or production casing is cemented in;
For KCC Use ONLY API # 15	 Remember to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry;
	 Submit plugging report (CP-4) after plugging is completed (within 60 days);
This authorization expires:	 Submit plugging report (CP-4) after plugging is completed (within 60 days); Obtain written approval before disposing or injecting salt water.
This authorization expires: (This authorization void if drilling not started within 12 months of approval date.)	

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

Side Two

For KCC Use ONLY	
API # 15	

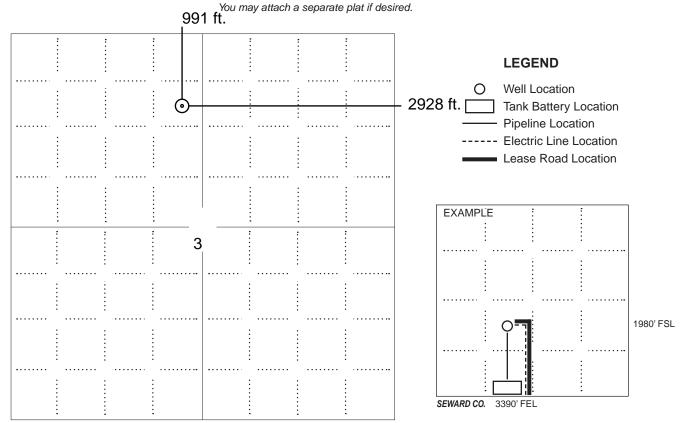
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R
Number of Acres attributable to well:	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW

PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).



NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:			License Number:			
Operator Address:						
Contact Person:		Phone Number:				
Lease Name & Well No.:			Pit Location (QQQQ):			
Type of Pit:	Pit is:					
Emergency Pit Burn Pit	Proposed	Existing	SecTwp R			
Settling Pit Drilling Pit	If Existing, date cor	nstructed:	Feet from North / South Line of Section			
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:	(111)	Feet from East / West Line of Section			
		(bbls)	County			
Is the pit located in a Sensitive Ground Water A	rea? Yes I	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)			
Is the bottom below ground level? Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits			
Depth fro	om ground level to dee	pest point:	(feet) No Pit			
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ilei		dures for periodic maintenance and determining cluding any special monitoring.			
Distance to nearest water well within one-mile of	of pit:	Depth to shallowest fresh water feet. Source of information:				
feet Depth of water well	feet	measured	well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	ver and Haul-Off Pits ONLY:			
Producing Formation:		Type of material utilized in drilling/workover:				
Number of producing wells on lease:		Number of work	ring pits to be utilized:			
Barrels of fluid produced daily:		Abandonment p	procedure:			
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must be closed within 365 days of spud date.				
	-					
Submitted Electronically						
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS			
Date Received: Permit Numl	ber:	Permi				

Kansas Corporation Commission Oil & Gas Conservation Division

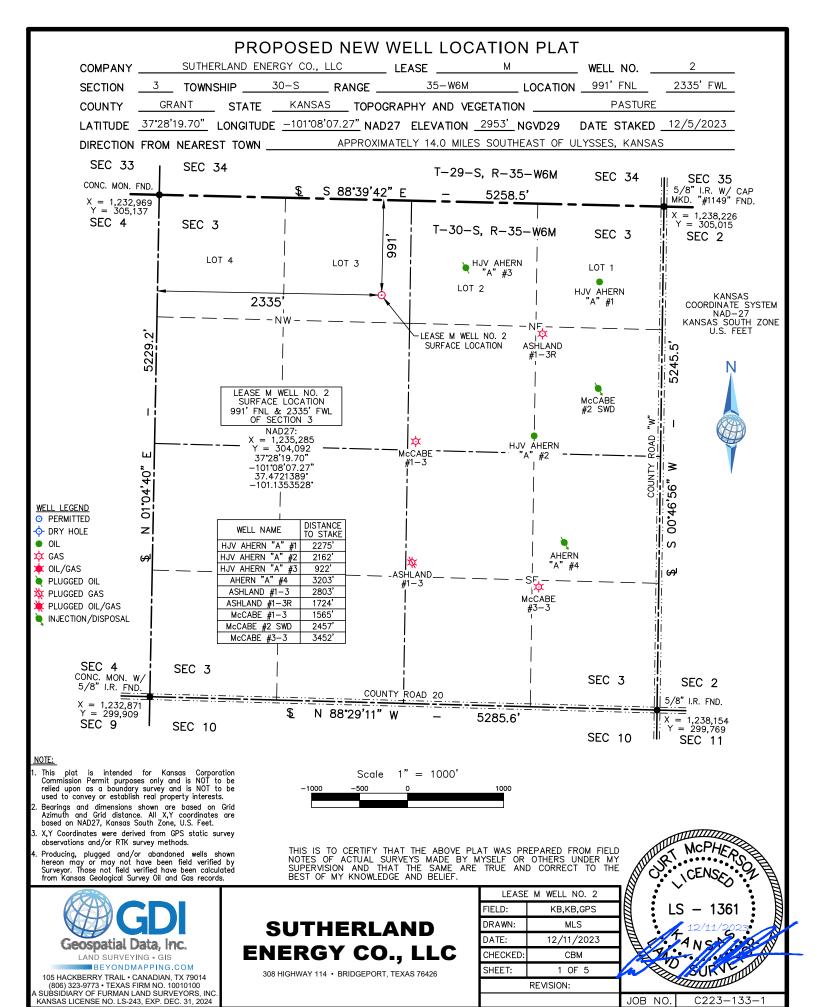
Form KSONA-1
July 2021
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Ca	athodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R
Address 1:	County:
Address 2:	Lease Name: Well #:
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person:	the lease below:
Phone: () Fax: ()	
Email Address:	
Surface Owner Information:	
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the
Address 2:	county, and in the real estate property tax records of the county treasurer.
City:	
provided the following to the surface owner(s) of the land upon Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing	batteries, pipelines, and electrical lines. The locations shown on the plat the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. Act (see Chapter 55 of the Kansas Statutes Annotated), I have on which the subject well is or will be located: 1) a copy of the in connection with this form; 2) if the form being filed is a Form
·	acknowledge that, because I have not provided this information, owner(s). To mitigate the additional cost of the KCC performing ess of the surface owner by filling out the top section of this form
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1	
Submitted Electronically	



PROPOSED PAD SITE PLAT

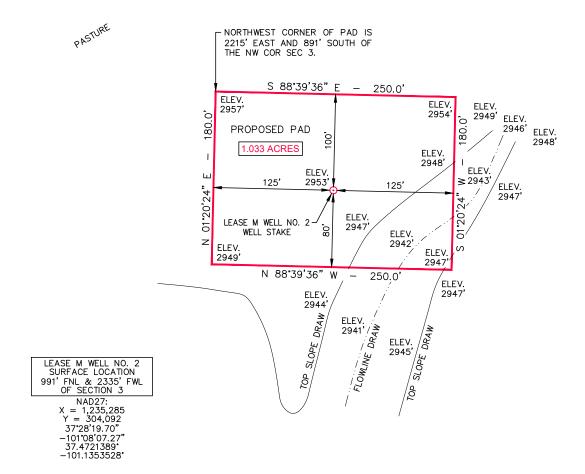
 COMPANY
 SUTHERLAND ENERGY CO., LLC
 LEASE
 M
 WELL NO.
 2

 SECTION
 3
 TOWNSHIP
 30-S
 RANGE
 35-W6M
 LOCATION
 991' FNL
 2335' FWL

 COUNTY
 GRANT
 STATE
 KANSAS
 TOPOGRAPHY AND VEGETATION
 PASTURE

 LATITUDE
 37'28'19.70"
 LONGITUDE
 -101'08'07.27"
 NAD27
 ELEVATION
 2953'
 NGVD29
 DATE STAKED
 12/5/2023

 DIRECTION
 FROM NEAREST TOWN
 APPROXIMATELY 14.0 MILES SOUTHEAST OF ULYSSES, KANSAS

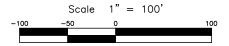


KANSAS COORDINATE SYSTEM NAD-27 KANSAS SOUTH ZONE U.S. FEET



NOTE:

- This plat is intended for Kansas 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, Kansas South Zone, U.S. Feet.
- X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.
- Basis of elevation: Vertical coordinates are based on National Geodetic Vertical Datum 1929, U.S. Feet.



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.

Geospatial Data, Inc.

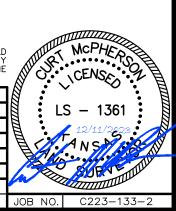
LAND SURVEYING • GIS
BEYONDMAPPING.COM

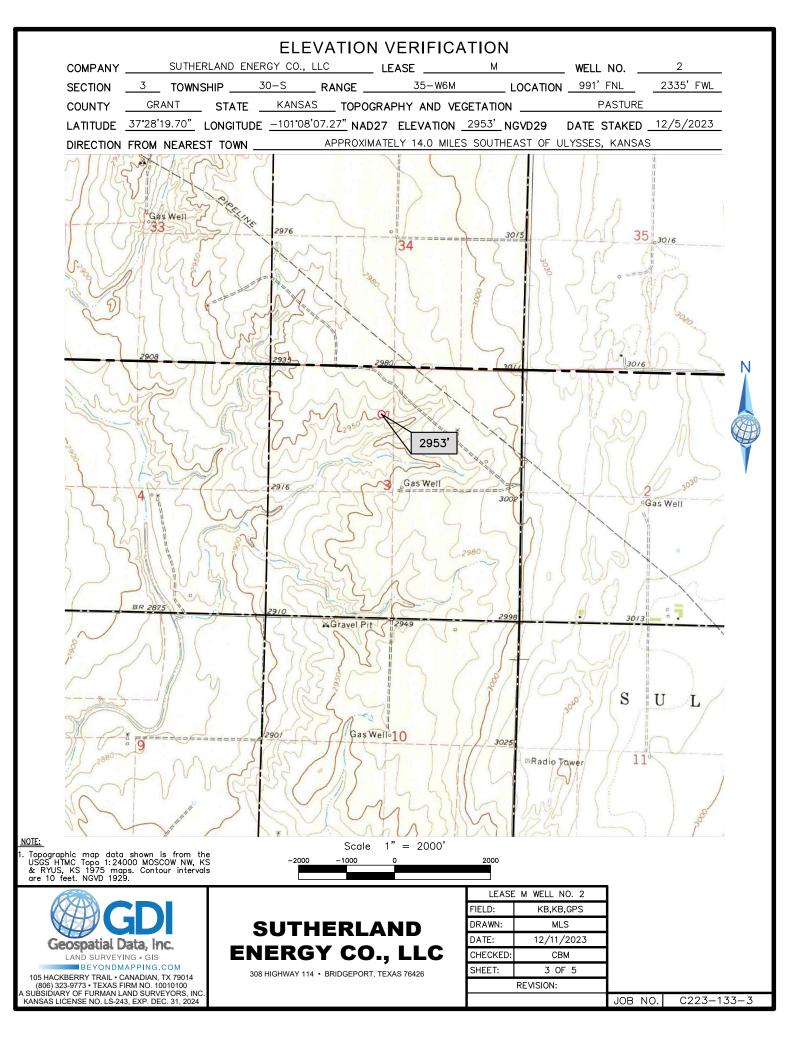
105 HACKBERRY TRAIL • CANADIAN, TX 79014 (806) 323-9773 • TEXAS FIRM NO. 10010100 A SUBSIDIARY OF FURMAN LAND SURVEYORS, INC. KANSAS LICENSE NO. LS-243. EXP. DEC. 31. 2024

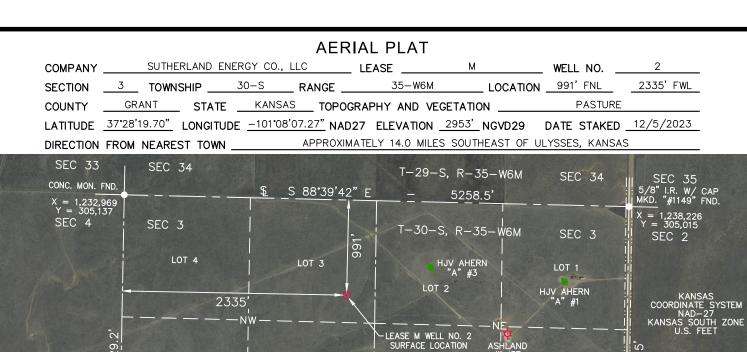
SUTHERLAND ENERGY CO., LLC

308 HIGHWAY 114 • BRIDGEPORT, TEXAS 76426

		_
LEASE	M WELL NO. 2	l
FIELD:	KB,KB,GPS	l
DRAWN:	MLS	ı
DATE:	12/11/2023	l
CHECKED:	СВМ	ı
SHEET:	2 OF 5	ı
	REVISION:	ľ
		ľ







WELL LEGEND
PERMITTED
DRY HOLE
OIL
GAS
OIL/GAS
PLUGGED OIL
PLUGGED GAS

PLUGGED OIL/GAS

INJECTION/DISPOSAL

NAD27: X = 1,235,285 Y = 304,092 37'28'19.70" -101'08'07.27" 37.4721389' -101.1353528'

McCABE #3-3

SEC 3

SEC 10

LEASE M WELL NO. 2 SURFACE LOCATION 991' FNL & 2335' FWL OF SECTION 3

DISTANCE TO STAKE HJV AHERN "A" #1 2275 HJV AHERN "A" #2 HJV AHERN "A" #3 2162 922 AHERN "A" #4 3203 ASHLAND #1-3 2803 ASHLAND #1-3R 1724 McCABE #1-3 1565 McCABE #2 SWD 2457

SEC 4 CONC. MON. W/ 5/8" I.R. FND.

X = 1,232,871 Y = 299,909 SEC 9

Scale 1" = 1000'

COUNTY ROAD 20

5285.6

- This plat is intended for Kansas 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, Kansas South Zone, U.S. Feet.
- X,Y Coordinates were derived from GPS static survey observations and/or RTK survey methods.
- Producing, plugged and/or abandoned wells shown hereon may or may not have been field verified by Surveyor. Those not field verified have been calculated from Kansas Geological Survey Oil and Gas records.

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.

LEASE M WELL NO. 2



LAND SURVEYING • GIS
BEYONDMAPPING.COM

105 HACKBERRY TRAIL • CANADIAN, TX 79014 (806) 323-9773 • TEXAS FIRM NO. 10010100 A SUBSIDIARY OF FURMAN LAND SURVEYORS, INC. KANSAS LICENSE NO. LS-243, EXP. DEC. 31, 2024

SUTHERLAND ENERGY CO., LLC

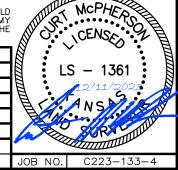
N 88°29'11"

308 HIGHWAY 114 • BRIDGEPORT, TEXAS 76426

		- 4
LEASE	M WELL NO. 2	É
FIELD:	KB,KB,GPS	
DRAWN:	MLS	E
DATE:	12/11/2023	l١
CHECKED:	СВМ	1
SHEET:	4 OF 5	1,
	REVISION:	ľ
		Г

SEC 3

SEC 10



SEC 2

5/8" I.R. FND.

SEC

V	C	N	ITY	MA	P
v		1 1	1 I I	1717	١٢

COMPANY	SUTHE	RLAND ENE	RGY CO., l	_LC	LEASE	M		WELL NO	2
SECTION		SHIP	30-S	RANGE	35-W6	БМ	_ LOCATION	991' FNL	2335' FWL
COUNTY	GRANT	STATE	KANSAS	TOPOGE	RAPHY AND	VEGETATIO	ON	PASTURE	
LATITUDE	37°28'19.70"	LONGITUDE	_101°08'	07.27 " NAD2	7 ELEVATIO	N 2953'	NGVD29	DATE STAKED _	12/5/2023
DIRECTION	FROM NEARE	ST TOWN _		APPROXIMA	TELY 14.0 M	ILES SOUTH	HEAST OF U	LYSSES, KANSAS	

7	3	4	3		TX.		17	_	-	-													
7	-	Ψ.	1	2)!	> 6	5	4	3	2	1	6	5	4	3	2	1	6	5	4	1	٦.	1.
-	8	9	10	1	1 12	7	8	ę	10	11	12	7	8	9	10	-		7	8	9	10	11	1
18	17	10 27	5 S/38V	5 14 V	1 13	18	17	16	15 278	14 /37W	13	18	17	16 275	15 S/86W	\vdash	-	18	17	1	1	-	12
19	20	21	22	23	3 = 24	19	20	21	22	23	24	19	20			23	24	19	20	16 27S/ 21	35W 22	14	13
30	29	28	27	26	25	30	29	28	27	26	25	30	29	28	27	26	25	30	29	28		23	24
31	32	33	34	35	36	31	32	33	25) 34	35	36	31	32	33	34	35	36	31	32	33	34	26	25
6	5	4	3	2	1	6	5	4	3-	2	1	6	5	4	3	2	1	6				35	36
7	8	9	10	11	12	7	8	9	10	11)	12	7	8	9	10	11	12	7	5	4	3	2	1
18	17	16 285	15 5/88W	14	13	18	17	_16	15 28S/	14	13	18	17	16	15 36W	14	13	18	17	9	10	11	12
19	20	21	22	23	24	19	20	21	22	23	24	19	20	288/	22	23	24 -	19	20	16 28S/ 21	22	14	13
30	29	28 60	27	26	25	UL) 30	SSE 29	\$,		26	25	30	29	28	27	26	25	30	29	28	27	23	24
31	32	33	34	35	36	31	32	33			36	31	32	33	34	35	36	31	32	33	34		25
6	5	4	3	2	1	56	5	34 (23	2	~~		5 5	4	3	2	1	6	5	4	16	35	36
7	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12	\ \ \ \ \	8	9	10	2	1 12
18	17	16 29S/	15 38W	14	13	18	17	16	5) 15 29S/3	14	13	18	17	16 29S/	15	14	13	18		-	-+	- (19	0 12
19	20	21	22	23	24	19	20	21	22		24 /	19	20	298/	22	23	24	- 19	20	29\$/3: 21	5W 22.	23	-
30	29	28	27	26	25	30	29	28	27	26	25	30	29/	28	27	26	/25 /	30	29		\rightarrow	26	24
31_	32	33	34	35	36	31	32	33	34	35	36	31	32	33	34	35	36	31	32	3	\dashv	-	25 36
6	5	4	3	2	1	6	5	4	3	2	1	6	5	4	23	2	1	6	52	4-3	3	2	
7	8	9	10	11	12	7	8	9	10	11	12	7	8	9	10	11	12	7	-	130			1 12
18	17	16 30S/	15 8W	14	13	18	17	16 30S/37	15 W	14	13	18	174	16 30S/8	15 6W	14	13	-	7	- 1	_	-	12
19	20	21	22	23	24	19	20			1	24	19	14	30S/Bi 21	3/2	23 /	24	-4	1/3	16 30S/35 21		+	245
30	29	28	27	26	25	30	29	28			25	30	29	28	27	4			1	-		24	25
31	32	33	34	35	36	31	32	33	34	2 5) 55 3	36	31	32	33	70	1	-	711	1	-	7		36





SUTHERLAND ENERGY CO., LLC

308 HIGHWAY 114 • BRIDGEPORT, TEXAS 76426

	LEASE	M WELL NO. 2
	FIELD:	KB,KB,GPS
1	DRAWN:	MLS
1	DATE:	12/11/2023
	CHECKED:	СВМ
1	SHEET:	5 OF 5
		REVISION:

JOB NO. C223-133-5

DRAFT

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Pantera Energy Company	Location of Well: County: Grant
Lease: MCMU	991 feet from N / S Line of Section
Well Number: 2	2928 feet from X E / W Line of Section
Field: Unnamed	Sec. 3 Twp. 30 S. R. 35 E X W
Number of Acres attributable to well:	Is Section: Regular or Irregular
QTR/QTR/QTR/QTR of acreage: SE _ SE _ NE _ NW	
	If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW
Show location of the well. Show footage to the nearest lease roads, tank batteries, pipelines and electrical lines, as req	LAT lease or unit boundary line. Show the predicted locations of quired by the Kansas Surface Owner Notice Act (House Bill 2032). eparate plat if desired.
991 ft.	
	LEGEND
	O Well Location Tank Battery Location Pipeline Location Electric Line Location
	Lease Road Location
	EXAMPLE
3	
	1980' FSL

NOTE: In all cases locate the spot of the proposed drilling locaton.

In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).

SEWARD CO. 3390' FEL

5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Andrew J. French, Chairperson Dwight D. Keen, Commissioner Annie Kuether, Commissioner

NOTICE

Nearest Lease or Unit Boundary Line

K.A.R. 82-3-108 provides that all oil and gas well locations must comply with setback requirements, unless an exception has been granted by the Commission. Depending upon whether the subject well is an oil well or gas well, and also depending upon the county in which the well is located, the setback may be 330 feet or 165 feet from the nearest lease or unit boundary.

This Intent to Drill ("C-1") form indicates that the distance between the well and the nearest lease or unit boundary will comply with the setback requirement. Accordingly, the C-1 has been approved. However, the C-1 also stated that the well location is very near a boundary line of a Section or a Quarter-Section. This notice is being sent as a courtesy reminder, in case an error was made on the C-1.

As the operator of the proposed well, you must independently verify that the proposed well location complies with the applicable regulatory setback. If at any time it should appear that a well does not comply with the regulatory setback, the well may be subject to being shut-in pending Commission approval of an application for a well location exception. In addition, if such an application is not granted by the Commission, you may be required to plug the well.

If the proposed well location will comply with the regulatory setback, this notice may be disregarded. Please contact the KCC Production Department with any questions or concerns.

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Andrew J. French, Chairperson Dwight D. Keen, Commissioner Annie Kuether, Commissioner

December 18, 2023

LAURA SAVAGE
Pantera Energy Company
817 S POLK ST STE 201
AMARILLO, TX 79101-3433

Re: Drilling Pit Application MCMU 2 NW/4 Sec.03-30S-35W Grant County, Kansas

Dear LAURA SAVAGE:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 72 hours after drilling operations have ceased.

KEEP PITS away from draw/drainage.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 682-7933 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to **Drill**. If you have any questions or concerns please feel free to contact the District Office at (620) 682-7933.