For KCC Use:
Effective Date:
District #
CA2 Vos 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

Expected Spud Date:	Spot Description:
OPERATOR: License#	Sec Twp S. R E \
Name:	In OCCUTION Described Incomplete
Address 1:	
.iddress 2:	,
Contact Person:	County
hone:	Lease Name: Well #: Field Name:
CONTRACTOR: License#	
lame:	
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
	Ground Surface Elevation:feet MS
Oil Enh Rec Infield Mud Rotary 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 OVANAVO, and wall information on fallows.	Surface Pipe by Alternate: III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	
Well Name:	
Original Completion Date: Original Total Depth:	
irectional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations: Well Farm Pond Other:
Yes, true vertical depth:	DWR Permit #:
ottom Hole Location:	
John Hole Location.	─ (Note: Apply for Permit with DWR)
	(Note: Apply for Permit with DWR ☐)Will Cores be taken?Yes ☐ N
CCC DKT #:	- Will Cores be taken? Yes
CCC DKT #:	- Will Cores be taken?
AF The undersigned hereby affirms that the drilling, completion and eventual p	- Will Cores be taken?
CCC DKT #:	- Will Cores be taken? Yes New
All the undersigned hereby affirms that the drilling, completion and eventual process is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each	Will Cores be taken? If Yes, proposed zone: FFIDAVIT Slugging of this well will comply with K.S.A. 55 et. seq. ch drilling rig;
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Signature of Operator or Agent:

Side Two

For KCC Use ONLY
API # 15

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

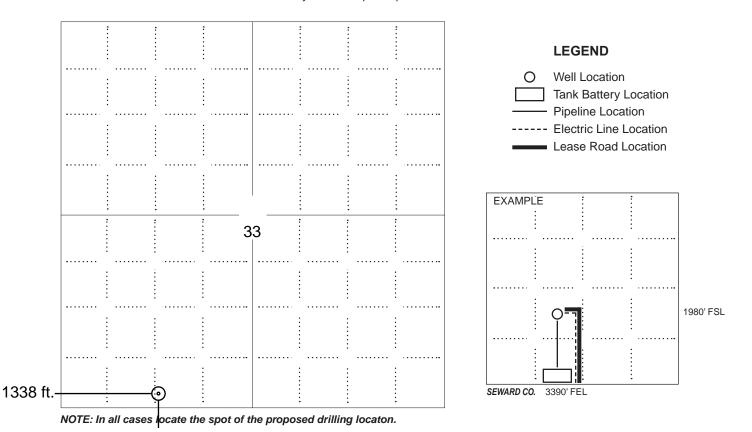
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section feet from E / W Line of Section
Well Number:	feet from E / W Line of Section
Field:	SecTwpS. R E W
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).

You may attach a separate plat if desired.



197 ft. 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.			
· · · · · · · · · · · · · · · · · · ·			west fresh water feet.			
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 materia	l 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 b	e 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

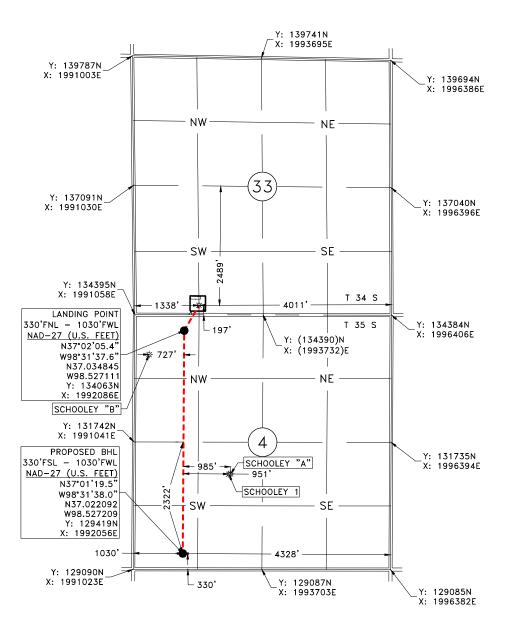
This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

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

Select the corresponding form being filed: C-1 (Intent) CB-1 (C	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	Sec TwpS. 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: State: Zip:+	
the KCC with a plat showing the predicted locations of lease roads, tank are preliminary non-binding estimates. The locations may be entered or Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice provided the following to the surface owner(s) of the land up Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing 	dic Protection Borehole Intent), you must supply the surface owners and a batteries, pipelines, and electrical lines. The locations shown on the plat in 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 son which the subject well is or will be located: 1) a copy of the g in connection with this form; 2) if the form being filed is a Form operator name, address, phone number, fax, and email address.
the KCC will be required to send this information to the surface this task, I acknowledge that I must provide the name and add and that I am being charged a \$30.00 handling fee, payable to a lift choosing the second option, submit payment of the \$30.00 handling	fee with this form. If the fee is not received with this form, the KSONA-1
form and the associated Form C-1, Form CB-1, Form T-1, or Form CP- Submitted Electronically	1 will be returned.

BARBER _ County, Kansas <u> 197'FSL — 1338'FWL</u>Section<u>33</u> Township<u>34S</u> Range<u>11W</u>6TH P.M.





GPS OBSERVATION: LATITUDE: N37°02'10.6'

LONGITUDE: <u>W98°31'33.8"</u> LATITUDE: <u>N37.036291</u>

LONGITUDE: <u>W98.526057</u>

STATE PLANE NAD 27 KANSAS SOUTH ZONE

<u>Y: 134589</u> X: 1992393E

Operator: MACH RESOURCES Date Staked: 08/12/22

Elevation: 1383' Well No.: ____1H____ Lease Name: PAXTON 4-35-11

Topography and Vegetation: **EXISTING WELL LOCATION**

Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction

from Hwy. Jct. or town: FROM HWY 2 & HWY 8 JCT. IN KIOWA, HEAD WEST 2.5 MILES ON

HWY 2, THEN NORTH 1 MILE ON NORTHSTAR RD, THEN EAST .25 MILES ON DRIFTWOOD RD.

THEN NORTH INTO LOCATION.

WW 8/16/22 STAN DRANNON KANSAS R.P.L.S. NO.: 1582

NOTE:
This is a plat of a proposed well location and does not represent a true boundary survey. The information shown hereon shall not be relied upon for the location or establishment of land boundary lines. All of the positions shown hereon have not been verified as being actual Section, Quarter or Property corners. Positions shown in (Parentheses) are based upon local occupation and improvements or calculated per proportional measurement and/or G.L.O. record distances. Review this plat and notify Gateway Services Group, LLC immediately of any possible discrepancy.





134589N

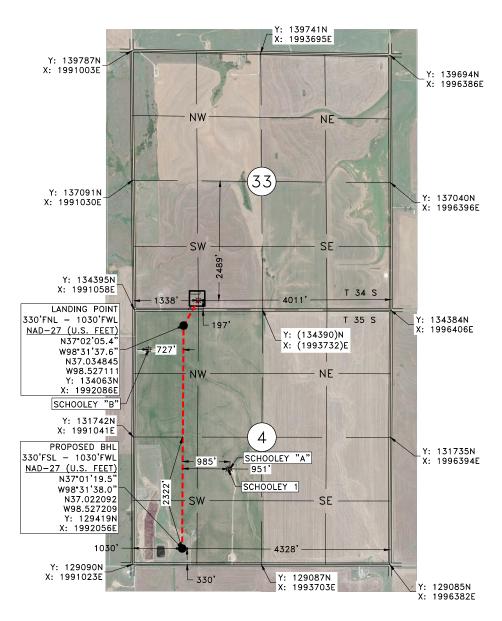
BO E. 5TH ST., STE 400
EDMOND, OK 73034
OFF. (405) 285–5884
FAX (405) 285–5886
C.A. NO. LS 209
EXP. DATE 12–31–2022

EXHIBIT "A" PRELIMINARY PAXTON 4-35-11 1H
197' FSL - 1338' FWL
SECTION 33, T 34 S - R 11 W, 6TH P.M.,
BARBER COUNTY, KANSAS

DRAW	N BY	: KMC	DATE: 8/15/22	2	CHK'	D: CLC
GATE	WAY I	NO.: 22-0	230-101		SCALE:	1"=2000'
LINE	NO.:			AFE:		
REV.	DWN.		DESCRIPTION			DATE
$\overline{}$,

<u>BARBER</u> _ County, Kansas <u> 197'FSL — 1338'FWL</u>Section<u>33</u> Township<u>34S</u> Range<u>11W</u>6TH P.M.





GPS OBSERVATION: LATITUDE: N37°02'10.6"

LONGITUDE: <u>W98°31'33.8"</u> LATITUDE: N37.036291

STATE PLANE NAD 27 KANSAS SOUTH ZONE LONGITUDE: <u>W98.526057</u>

<u>Y: 134589N</u> X: 1992393E

Operator: MACH RESOURCES Date Staked: <u>08/12/22</u>

Well No.: ____1H____ Elevation: 1383' Lease Name: PAXTON 4-35-11

Topography and Vegetation: EXISTING WELL LOCATION

Reference or Alt. Location Stakes Set: NONE Good Drill Site? YES

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction

from Hwy. Jct. or town: FROM HWY 2 & HWY 8 JCT. IN KIOWA, HEAD WEST 2.5 MILES ON

HWY 2, THEN NORTH 1 MILE ON NORTHSTAR RD, THEN EAST .25 MILES ON DRIFTWOOD RD.

THEN NORTH INTO LOCATION.

STAN DRAINNON KANSAS R.P.L.S. NO.: 1582 _8/16/22

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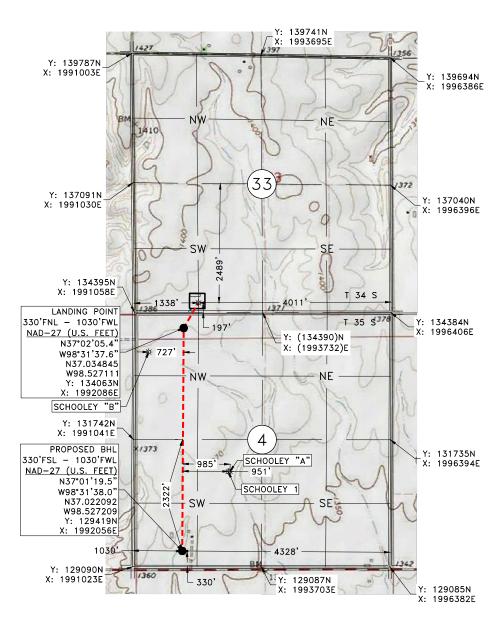
BO E. 5TH ST., STE 400
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FAX (405) 285–5886
C.A. NO. LS 209
EXP. DATE 12–31–2022

EXHIBIT "A" PRELIMINARY PAXTON 4-35-11 1H
197' FSL - 1338' FWL
SECTION 33, T 34 S - R 11 W, 6TH P.M.,
BARBER COUNTY, KANSAS

DRAW	N BY	: KMC	DATE: 8/15/22	2	CHK'	D: CLC
GATE	WAY I	NO.: 22-0	230-102		SCALE:	1"=2000'
LINE	NO.:			AFE:		
REV.	DWN.		DESCRIPTION			DATE
$\overline{}$,

<u>BARBER</u> _ County, Kansas <u> 197'FSL — 1338'FWL</u>Section<u>33</u> Township<u>34S</u> Range<u>11W</u>6TH P.M.





GPS OBSERVATION: LATITUDE: N37°02'10.6"

LONGITUDE: W98°31'33.8" LATITUDE: N37.036291 LONGITUDE: W98.526057

STATE PLANE NAD 27 <u>134589N</u> KANSAS SOUTH ZONE X: 1992393E

Date Staked: <u>08/12/22</u> Operator: MACH RESOURCES

Lease Name: PAXTON 4-35-11 Well No.: 1H Elevation: 1383'

Topography and Vegetation: **EXISTING WELL LOCATION**

Good Drill Site? YES Reference or Alt. Location Stakes Set: NONE

Best Accessibility to Location: FROM COUNTY ROAD

Distance and Direction

from Hwy. Jct. or town: FROM HWY 2 & HWY 8 JCT. IN KIOWA, HEAD WEST 2.5 MILES ON

HWY 2, THEN NORTH 1 MILE ON NORTHSTAR RD, THEN EAST .25 MILES ON DRIFTWOOD RD.

THEN NORTH INTO LOCATION.

8/16/22 STAN DRANNON KANSAS R.P.L.S. NO.: 1582

NOTE:
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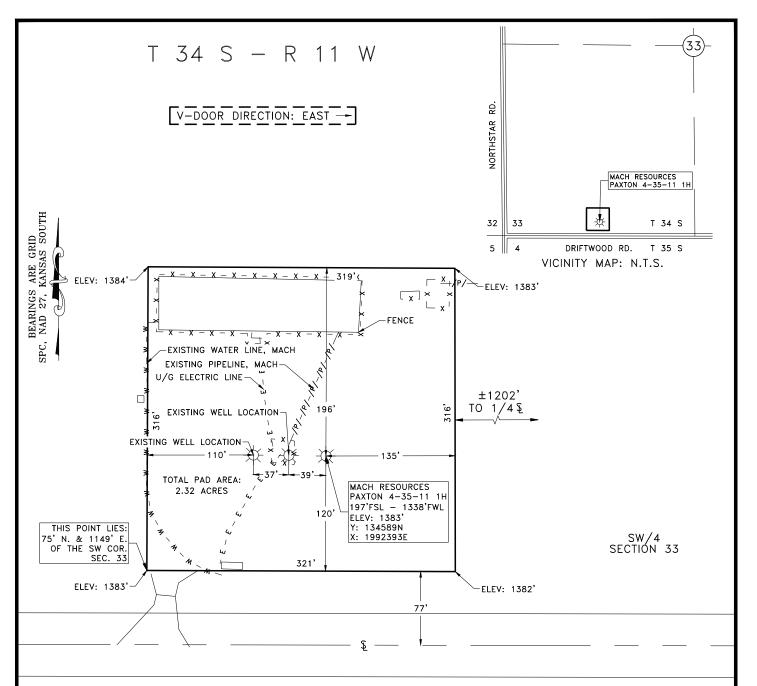




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FAX (405) 285–5886
C.A. NO. LS 209
EXP. DATE 12–31–2022

EXHIBIT "A" PRELIMINARY PAXTON 4-35-11 1H
197' FSL - 1338' FWL
SECTION 33, T 34 S - R 11 W, 6TH P.M.,
BARBER COUNTY, KANSAS

DRAW	N BY	: KMC	DATE: 8/15/22	2	CHK'	D: CLC
GATEWAY NO.: 22-0230-103 SCALE:				1"=2000'		
LINE	NO.:			AFE:		
REV.	DWN.		DESCRIPTION			DATE



DRIFTWOOD RD.

PLAT SHOWING:

EXISTING PAD AREA IN THE SW/4 OF SECTION 33, T 34 S - R 11 W, 6TH P.M., BARBER COUNTY, KANSAS



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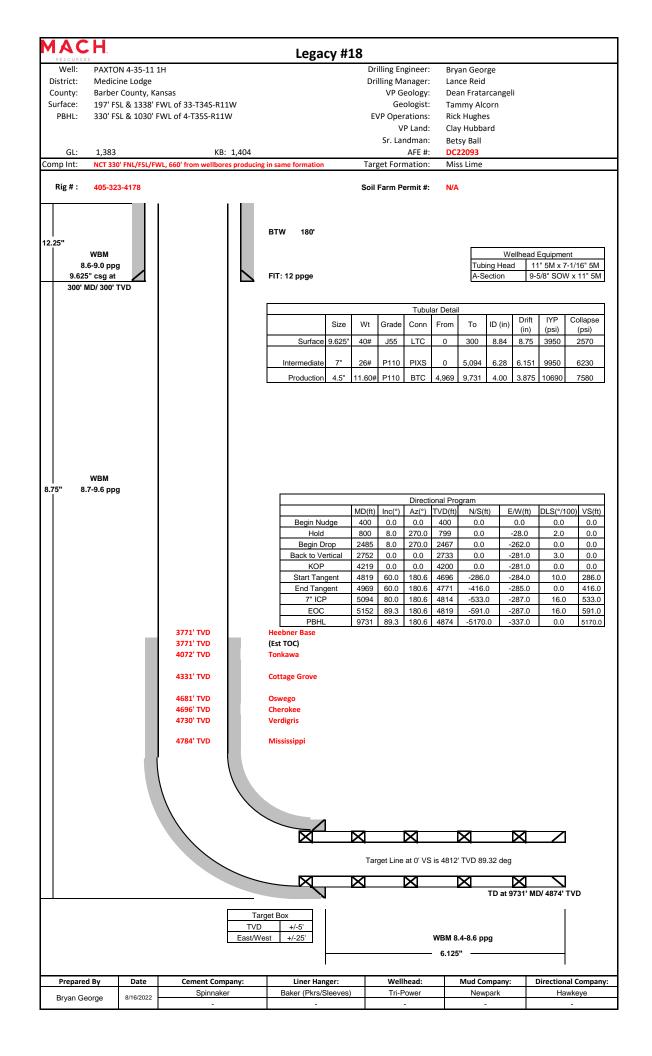
80 E. 5TH ST., STE 400 EDMOND, OK 73034 OFF. (405) 285-5884 FAX (405) 285-5886 Gateway Services Group, LLC C.A. NO. LS 209 EXP. DATE 12-31-2022

EXHIBIT "A" PRELIMINARY

PAXTON 4-35-11 1H 197' FSL - 1338' FWL SECTION 33, T 34 S - R 11 W, 6TH P.M., BARBER COUNTY, KANSAS

DRAW	N BY	: KMC	DATE: 8/15/22	2	CHK'	D: CLC
GATE	WAY 1	NO.: 22-0	230-104	sc	ALE:	1"=100'
LINE	NO.:			AFE:		
REV.	DWN.		DESCRIPTION			DATE

SECTION 33, T 34 S - R 11 W, 6TH P.M., BARBER COUNTY, KANSAS BEARINGS ARE GRID ', NAD 27, KANSAS SOUTH T32S RS 35 T33S 2 (281) (28 E 36 36 T33S T34S RS-13812 Hazelton Harper T34S T35S Medicine Lo R\$ 977 14 Stubbs R13W R12W County Alfalfa R10W County Oklahoma MACH. 80 E. 5TH ST., STE 400 EDMOND, OK 73034 OFF. (405) 285-5884 FAX (405) 285-5886 **C**ateway Gateway Services Group, LLC C.A. NO. LS 209 EXP. DATE 12-31-2022 EXHIBIT "A" PRELIMINARY PAXTON 4-35-11 1H 197' FSL - 1338' FWL SECTION 33, T 34 S - R 11 W, 6TH P.M., BARBER COUNTY, KANSAS DRAWN BY: KMC DATE: 8/15/22 CHK'D: CLC GATEWAY NO.: 22-0230-105 AFE: LINE NO. REV. DWN DESCRIPTION DATE





August 16, 2022

Kansas Corporation Commission Oil & Gas Conservation Division 130 S. Market, Rm. 2078 Wichita, KS 67202

Re: BCE-Mach III LLC's – PAXTON 4-35-11 1H

Section 4-35S-11W Barber County, Kansas

To whom it may concern:

BCE-Mach III LLC intends to drill the subject well to an approximate true vertical depth of between 4,800' and 4,900' in the Mississippi Formation. The producing wellbore will be in a 480-acre production unit consisting of the W/2 and the W/2 E/2 of Sect. 4-35S-11W, Barber County, Kansas. The nearest lease or unit boundary will be no less than 330' from any portion of the effective completion interval. The estimated length of the effective completion interval will be 4,647'.

Should you have any questions, you may contact the undersigned at (405) 410-6082.

Respectively,

BCE-Mach III LLC

Lance Reid



Mach Resources

Paxton 4-35-11 1H
API #:15-007-#####
Sec 33, T34N, R11W
Barber County, Kansas
Proposal #35710001
Service point El Reno, Oklahoma
8/11/2022

Rig - Legacy 18

Price Book Version 020422-1

Prepared for:	Prepared by:
Lance Reid - Drilling Manager	Dillon Bellamy
Mach Resources	Operations Engineer I
Ireid@machresources.com	dillon.bellamy@spinnakeroil.com
405-410-6082	(405) 328-1026

40= 440 0000		(405) 200 4000	
405-410-6082		(405) 328-1026	
Contact:		Contact:	
Michael Rallo		Clint Symes	
Cementing Operations Coor	dinator	Cementing Operation	ons Coordinator
michael.rallo@spinnakeroil.d	com	clint.symes@spinna	akeroil.com
(405) 808-5364		(405) 808-1162	
		Contact:	
		Scott Walton	
		El Reno - Area Fiel	d Manager
		scotty.walton@spin	nakeroil.com
		(405) 535-6561	
FIRen	o Central Coordinators n	hone - (405) 420-3534	

El Reno Central Coordinators phone - (405) 420-3534



Spinnaker - Primary Cementing Best Practices

Primary cement job failures are predominately due to a breakdown in the "displacement process." This results in poor zonal isolation manifested by channeling or non-uniform displacement of the annular fluid(s) by the cementing fluid(s). These guidelines will enhance the displacement process and improve the probability of successful primary cementing.

- 1) Flow Rate: Regardless of the flow regime, high-energy displacement rates are most effective for ensuring good displacement. Turbulent flow conditions are usually more desirable, but frequently cannot be achieved or are not always required. When turbulent flow is not a viable option for a situation, use the highest pump rate that is feasible for the wellbore conditions. The best results are obtained when (1) the spacer and/or cement is pumped in such a way as to deliver maximum energy to the annulus, (2) the spacer or flush is appropriately designed to remove the drilling fluid, (3) and a competent cement is used.
- 2) Conditioning the Drilling Fluid: The condition of the drilling fluid is one of the most important variables in achieving good displacement during a cement job. A fluid that has excellent properties for drilling may be inappropriate for cementing purposes. Regaining and maintaining good mobility is the key. An easily displaced drilling fluid will have low, non-progressive gel strengths and low fluid loss. Pockets of gelled fluid, which commonly exist following the drilling of a wellbore, make displacement difficult. These volumes of gelled fluid must be broken up and mobilized.

Industry experience has indicated that it may be necessary to circulate up to ten complete hole volumes prior to the cement job in order to ensure that the hole is well conditioned and clean. A minimum of two bottoms-up is recommended in all scenarios prior to pumping.

- 3) Spacers and Flushes: Spacers and flushes are effective displacement aids because they separate unlike fluids such as cement and drilling fluid, and enhance the removal of gelled mud allowing a better cement bond. Spacers can be designed to serve various needs. For example, weighted spacers can help with well control, and reactive spacers can provide increased mud-removal benefits. Flushes are used for thinning and dispersing drilling fluid particles. Typically, 8 to 10 minutes contact time or 1000 feet of annular space with spacers or flushes, whichever is greater, are adequate.
- **4. Pipe Centralization**: Centralizing the casing with mechanical centralizers across the intervals to be isolated helps optimize drilling fluid displacement. Good pipe standoff insures a uniform flow pattern around the casing and helps equalize the force that the flowing cement exerts around the casing, increasing drilling fluid removal. In a deviated wellbore, standoff is even more critical to prevent a solids bed from accumulating on the low-side of the annulus. Generally, the industry strives for about 70% standoff.
- **5) Pipe Movement**: Pipe movement is one of the most effective methods of transferring energy downhole. Pipe rotation or reciprocation before and during cementing helps break up gelled, stationary pockets of drilling fluid and loosens cuttings trapped in the gelled drilling fluid. If the pipe is poorly centralized, pipe movement can compensate by changing the flow path through the annulus and allowing the slurry to circulate completely around the casing. The industry does not specify a minimum requirement for pipe movement, however it is acknowledged the even a small amount of pipe movement will enhance the displacement process.
- **6) Hole Size**: Best mud displacement under optimum rates is achieved when annular tolerances are approximately 1.5 to 2 inches. Centralization of very small annuli is very difficult, and pipe movement and displacement rates may be severely restricted. Very large annuli may require extreme displacement rates to generate enough flow energy to remove the drilling fluid and cuttings.
- 7) Wiper Plugs: Top & bottom wiper plugs are recommended on every primary cementing job unless prohibited by mechanical or other special restrictions. The bottom plug serves to minimize contamination of the cement as it is pumped, in some cases it may be prudent to use multiple bottom plugs to separate mud/spacer and spacer/cement interfaces. The top plug is used to prevent any contamination of the cement slurry by the displacement fluid and minimize the chances of leaving a cement sheath inside the casing. Top plug also gives a positive indication that the cement has been displaced.
- **8) Rat Hole**: When applicable, a weighted, viscous pill in the rat hole prevents cement from swapping with lighter weight mud during the cement job or when displacement stops.
- **9) Shoe Joint**: A shoe joint is recommended on all primary casing/liner jobs. The length of the shoe joint will vary. The absolute minimum length is one joint of pipe. If conditions exist, such as not running a bottom plug, two joints of pipe is a minimum requirement.

HOLE SIZE



Job Data

JOB TYPE Surface

CASING SIZE 9.625 in., 40 lbs, J55 LTC

12.25 in.

TOTAL DEPTH 300 Feet EXCESS 225% FILL REQUIRED 300 Feet

BHST 83 Degrees 80 Degrees

FLUID REQUIREMENTS

SPACER 30 bbls H20

LEAD CEMENT SLURRY 75 Sacks Oilwell Standard Cement, 3% Gypsum, 0.5% SMS,

2.5% Calcium Chloride, 0.25 lbs Poly Flake

WEIGHT 11.4 ppg
YIELD 2.94 cu.ft./sk
WATER 18.1 gals/sk
TOC Surface
BBLS of Slurry 39.28 bbls

TAIL CEMENT SLURRY 95 Sacks Oilwell Standard Cement, 3% Gypsum, 0.5% SMS,

2.5% Calcium Chloride, 0.25 lbs Poly Flake

 WEIGHT
 13.2 ppg

 YIELD
 1.85 cu.ft./sk

 WATER
 9.95 gals/sk

 TOC
 150 ft

 BBLS of Slurry
 31.31 bbls

DISPLACEMENT 19.72 bbls H20



	Described and	• 414						
Ref. #	Description	Quantity	Unit Price	nit Price Sub Total Total				
	Cententing Service and Materials							
MLPU1	Pickup Mileage 1 unit (roundtrip miles)	300	\$3.94	\$1,182.00	,182.00 \$602.82			
MLHE2	Heavy Vehicle Mileage 2 units (roundtrip miles)	300	\$13.56		\$4,068.00 \$2,074.68			
	Bulk Cement Delivery/Return (per Ton-Mile)	1,274	\$2.73		\$3,478.02 \$1,773.79			
MXBK	Bulk Material Mixing Service Charge (Per cu.ft.)	170	\$3.03		\$515.10 \$262.70			
CMTHD	Cement Head with manifold (per Job)	1	\$1,895.00	\$1,895.00 \$966.45				
PC1K	Pump Charge 0-1000' (Per 4 hrs)	1	\$1,887.60	\$1,887.60 \$962.68				
	Data Acquisition System	1	\$1,331.00	\$1,331.00 \$678.81				
	Fuel Surcharge (per unit/per job)	3	\$605.00	\$1,815.00 \$925.65				
	Environmental Fee	1	\$211.75	\$211.75 \$107.99				
DAMSS	Data Monitoring System/Supervisor	1	\$800.00					
CIRON	Circulation Equipment (40' of equipment per job)	2	\$1,512.50					
	Class A Type Standard Cement (per sack)	170	\$31.81	\$5,407.70	\$5,407.70 \$2,757.93			
	Gypsum (per lb)	480	\$0.54	\$259.20 \$132.19				
CACCSMS	SMS (per lb)	80	\$3.86	\$308.80				
CACCCC	Calcium Chloride (per lb)	400	\$1.45	\$580.00				
CLCMPF	Poly Flake (per lb)	43	\$3.23	\$138.89				
			-					
	Additional Items if used							
PCADD	Primary Pump Unit Addl Hours	0	\$594.50	\$0.00				
RESTK	Product Restocking Fee (per truck)	0	\$1,250.00	\$0.00				
DERKC	Derrick Charge (Cement Head Stabbing Above 8 ft)	0	\$726.00	\$0.00				
CDFDIAL	ATF Cement Defoamer (per gal)	0	\$29.50	\$0.00				
FTRP958	9 5/8" Top Rubber Plug	0	\$220.00	\$0.00				
	Additional HOSES (above 120 ft/per ft)	0	\$3.55	\$0.00				
				,				
	Book Price			\$26,903.06	3			
				+ ==,				
	Estimated Total (Exclusive of Sales Tax)				\$13,720.56			

HOLE SIZE



Job Data

JOB TYPE Intermediate

CASING SIZE 7 in., 26 lbs, P-110 TCBC

8.75 in.

MUD 8.7-9.6 ppg WBM

 TVD
 4793 ft

 MD
 5085 ft

 EXCESS
 30%

BHST 132 Degrees BHCT 105 Degrees

FLUID REQUIREMENTS

SPACER 40 bbls Fresh Water

LEAD CEMENT SLURRY 60 Sacks 65/35 Oilwell Standard Cement/Poz, 12% GEL, 12%

Gypsum, 1.5% SA-2, 12% SFA, 0.3 lbs Poly Flake

 WEIGHT
 10.2 ppg

 YIELD
 5.49 cu.ft./sk

 WATER
 35.89 gals/sk

 TOC
 3760 feet

 BBLS OF SLURRY
 58.67 bbls

TAIL CEMENT SLURRY 150 Sacks 50/50 Oilwell Standard Cement/Poz, 3% GEL, 2%

Gypsum, 0.35% SFL-5

 WEIGHT
 13.8 ppg

 YIELD
 1.39 cu.ft./sk

 WATER
 6.57 gals/sk

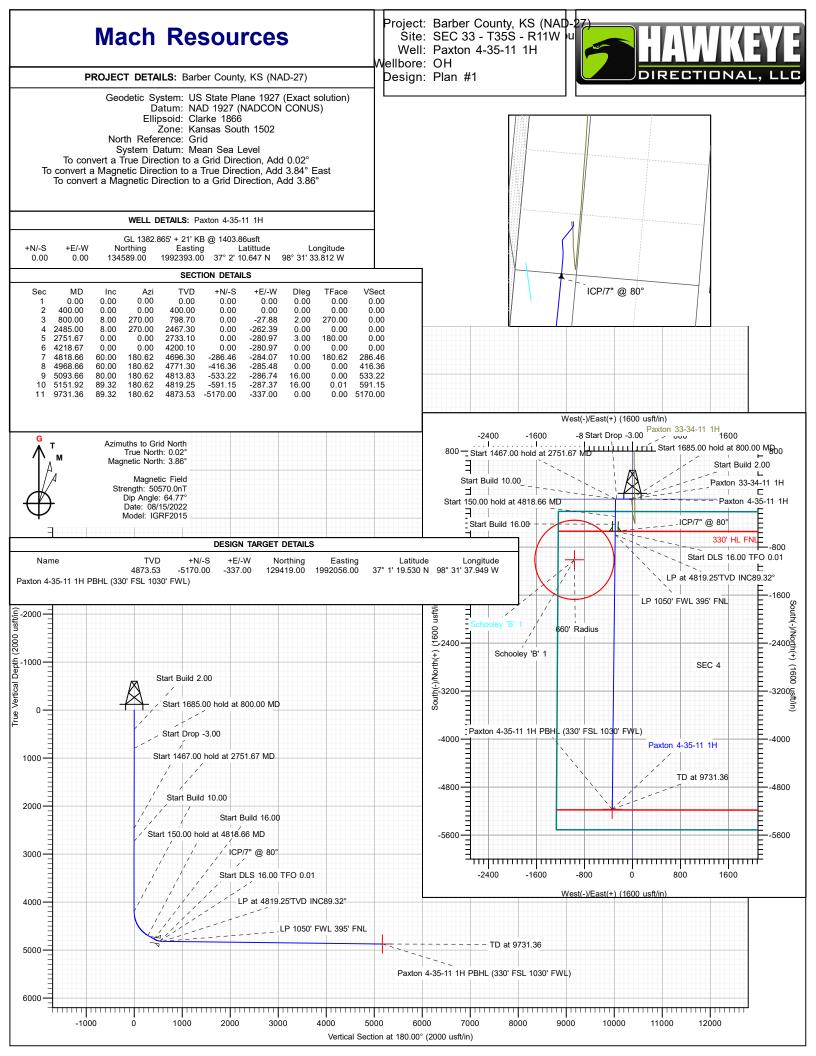
 TOC
 4085 feet

 BBLS OF SLURRY
 37.14 bbls

DISPLACEMENT 192.85 bbls H20



Ref. #	Description	Quantity	Unit Price	Sub Total	Total		
itel. π	********* Cementing Service and Materials ********	Quantity	OTHE PTICE	Oub Total	Total		
MLPU1	Pickup Mileage 1 unit (roundtrip miles)	300	\$3.94	\$1,182.00	\$484.62		
MLHE3	Heavy Vehicle Mileage 3 units (roundtrip miles)			\$6,102.00	\$2,501.82		
MLTN	Bulk Cement Delivery/Return (per Ton-Mile)	1,536	\$2.73				
MXBK	Bulk Material Mixing Service Charge (Per cu.ft.)	210	\$3.03		\$636.30 \$260.88		
CMTHD	Cement Head with manifold (per Job)	1	\$1,895.00	\$1,895.00			
PC6K	Pump Charge 5001-6000' (Per 5 hrs)	1	\$4,325.75	\$4,325.75			
DAQ	Data Acquisition System	1	\$1,331.00	\$1,331.00			
FLSCG	Fuel Surcharge (per unit/per job)	3	\$605.00	\$1,815.00	\$744.15		
ENVFEE	Environmental Fee	1	\$211.75	\$211.75	\$86.82		
DAMSS	Data Monitoring System/Supervisor	1	\$800.00	\$800.00 \$328.00			
CIRON	Circulation Equipment (40' of equipment per job)	2	\$1,512.50	\$3,025.00	\$1,240.25		
CSTD	Class A Type Standard Cement (per sack)	114	\$31.81	\$3,626.34	\$1,486.80		
CPOZF	POZ (per sack)	per sack) 96 \$17.35 \$1		\$1,665.60	\$682.90		
CEXTGEL	GEL (per lb)	1,100	\$0.63	3 \$693.00 \$284.1			
	Gypsum (per lb)	879	\$0.54	\$474.66 \$194.61			
	SFA (per lb)	627	\$1.21	\$758.67 \$311.05			
CFL5	SFL-5 (per lb)	45	\$18.56		\$835.20 \$342.43		
	SA-2 (per lb)	79	\$19.52		\$1,542.08 \$632.25		
CLCMPF	Poly Flake (per lb)	18	\$3.23	\$58.14	\$23.84		
	Additional Items if used						
STBYPU	Standby Pump Unit	0	\$5,850.00		\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		
PCADD	Primary Pump Unit Addl Hours	0	\$594.50				
PCADD1	Standby Pump Unit Addl Hours	0	\$450.50				
DERKC	Derrick Charge (Cement Head Stabbing Above 8 ft)	0	\$726.00		\$0.00 \$0.00		
CDFDIAL	ATF Cement Defoamer (per gal)	0	\$29.50		\$0.00 \$0.00		
FTRP7	7" Top Rubber Plug	0	\$140.00		\$0.00 \$0.00		
CSUGAR	Sugar (per lb)	0	\$1.47	\$1.47 \$0.00 \$0.00			
	Book Price			\$35,170.77			
	Estimated Total (Exclusive of Sales Tax)				\$14,420.02		



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

Dwight D. Keen, Chair Susan K. Duffy, Commissioner Andrew J. French, Commissioner

HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

82-3-607.	DISPOSAL OF DIKE AND PIT CONTENTS.				
(a)	Each operator shall perform one of the following when disposing of dike or				
pit	contents:				
(1)	Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;				
(2)	dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well;				
or					
(3)	dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following: (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f); (B) removal and placement of the contents in an on-site disposal area approved by the commission; (C) removal and placement of the contents in an off-site disposal area				
on	(0)				
lease	acreage owned by the same landowner or to another producing				
from	or unit operated by the same operator, if prior written permission				
	the landowner has been obtained; or				

		(D)	removal of the contents to a permitted off-site disposal area
approved			
			by the department.
(b)		Each v	violation of this regulation shall be punishable by the following:
	(1)	A \$1,0	00 penalty for the first violation;
	(2)	a \$2,5	00 penalty for the second violation; and
	(3)	a \$5,0	00 penalty and an operator license review for the third violation.

<u>File Haul-Off Pit Application in KOLAR. Review the information below and attach all required documents to the pit application when submitting through KOLAR. This form will automatically generate and fill in from questions asked in KOLAR.</u>

Haul-off pit will be located in an on-site disposal area:YesNo
Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner: YesNo If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.
Haul-off pit is located in an off-site disposal area on another producing lease or unit operated by the same operator:YesNo If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.

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

Dwight D. Keen, Chair Susan K. Duffy, Commissioner Andrew J. French, Commissioner

August 18, 2022

Spence Laird BCE-Mach III LLC 14201 WIRELESS WAY SUITE 300 OKLAHOMA CITY, OK 73134-2521

Re: Drilling Pit Application Paxton 4-35-11 1H SW/4 Sec.33-34S-11W Barber County, Kansas

Dear Spence Laird:

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit, through KOLAR. This location will have to be inspected prior to approval of the haul-off pit application.

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.