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

5	On at Descriptions
Expected Spud Date:	Spot Description:         Sec.         Twp S. R Te W
	Sec Twp S. R E Wp S. R E Wp Feet from N / N / S. Line of Section
DPERATOR: License#	feet from E / W Line of Section
ddraes 1:	Is SECTION: Regular Irregular?
ddress 1:ddress 2:	
State: State: Zip: +	(Note: Locate well on the Section Plat on reverse side)
Contact Person:	County:
hone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
lame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
	Ground Surface Elevation:feet MSL
Oil Enh Rec Infield Mud Rotary	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile:
Disposal Wildcat Cable  Seismic ;# of Holes Other	Depth to bottom of fresh water:
Seismic ;# of HolesOther Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: I 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?	Well Farm Pond Other:
Yes, true vertical depth:	DWR Permit #:
ottom Hole Location:	(Note: Apply for Permit with DWR )
CC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
AFF	IDAVIT
he undersigned hereby affirms that the drilling, completion and eventual plu	
	adina of this well will comply with K.S.A. 55 et. sea.
	gging of this well will comply with K.S.A. 55 et. seq.
is agreed that the following minimum requirements will be met:	gging of this well will comply with K.S.A. 55 et. seq.
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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

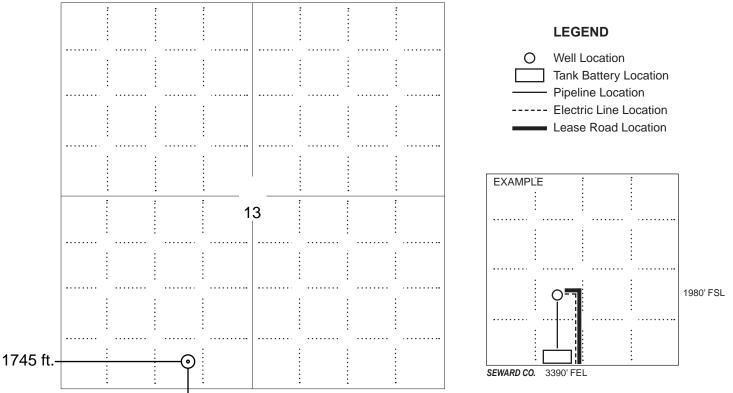
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. 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.



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

#### 375 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:	(bbls)	Feet from East / West Line of SectionCounty		
Is the pit located in a Sensitive Ground Water A	rea? Yes	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		
material, thickness and installation procedure.  liner integrity, including any special monitoring.					
		Depth to shallo Source of infor	west fresh water feet. nation:		
feet Depth of water well	feet	measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	ver and Haul-Off Pits ONLY:		
Producing Formation:		Type of materia	l utilized in drilling/workover:		
Number of producing wells on lease:		Number of working pits to be utilized:			
Barrels of fluid produced daily:		Abandonment 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	t Date: Lease Inspection:		

#### Kansas Corporation Commission Oil & Gas Conservation Division

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

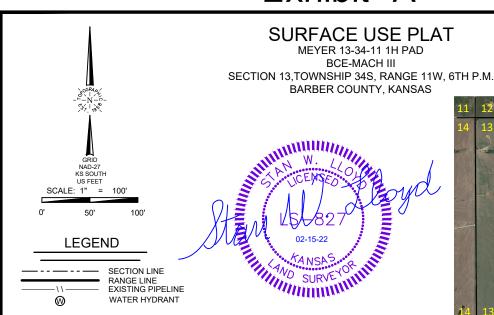
# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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 East _ West			
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 the lease below:			
Contact Person:				
Phone: ( ) Fax: ( )				
Email Address:				
Surface Owner Information:				
Name:				
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:				
owner(s) of the land upon which the subject well is or will be loc CP-1 that I am filing in connection with this form; 2) if the form be form; and 3) my operator name, address, phone number, fax, an  I have not provided this information to the surface owner(s). I ac	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.  et (House Bill 2032), I have provided the following to the surface cated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form eing filed is a Form C-1 or Form CB-1, the plat(s) required by this			
	of the surface owner by filling out the top section of this form and CC, which is enclosed with this form.  The with this form. If the fee is not received with this form, the KSONA-1			
Submitted Electronically				

# Exhibit "A"



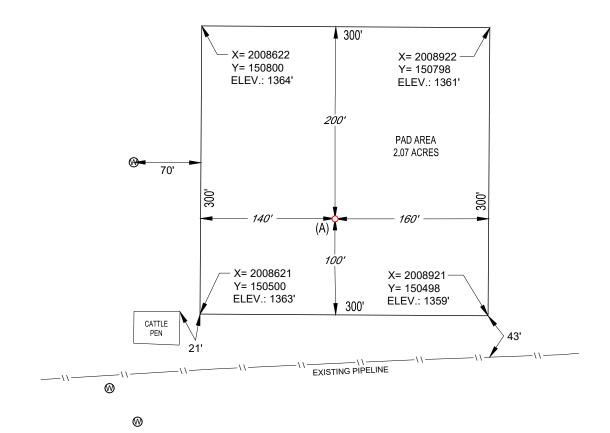


#### (A) MEYER 13-34-11 1H SURVEY LINE PERPENDICULARS:

375' FSL & 1745' FWL ELEVATION: 1361' (NGVD29) COORDINATES: NAD 27 OK SOUTH ZONE:

X= 2008761 Y= 150599 LAT.: 37°04'48.9" N LONG.: 98°28'11.9" W LAT.: 37.080260° N LONG.: 98.469970° W

> **SECTION 13** SW/4





3800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX: (405) 843-0975 CERTIFICATE OF AUTHORIZATION NO. LS-318 WWW.TOPOGRAPHIC.COM

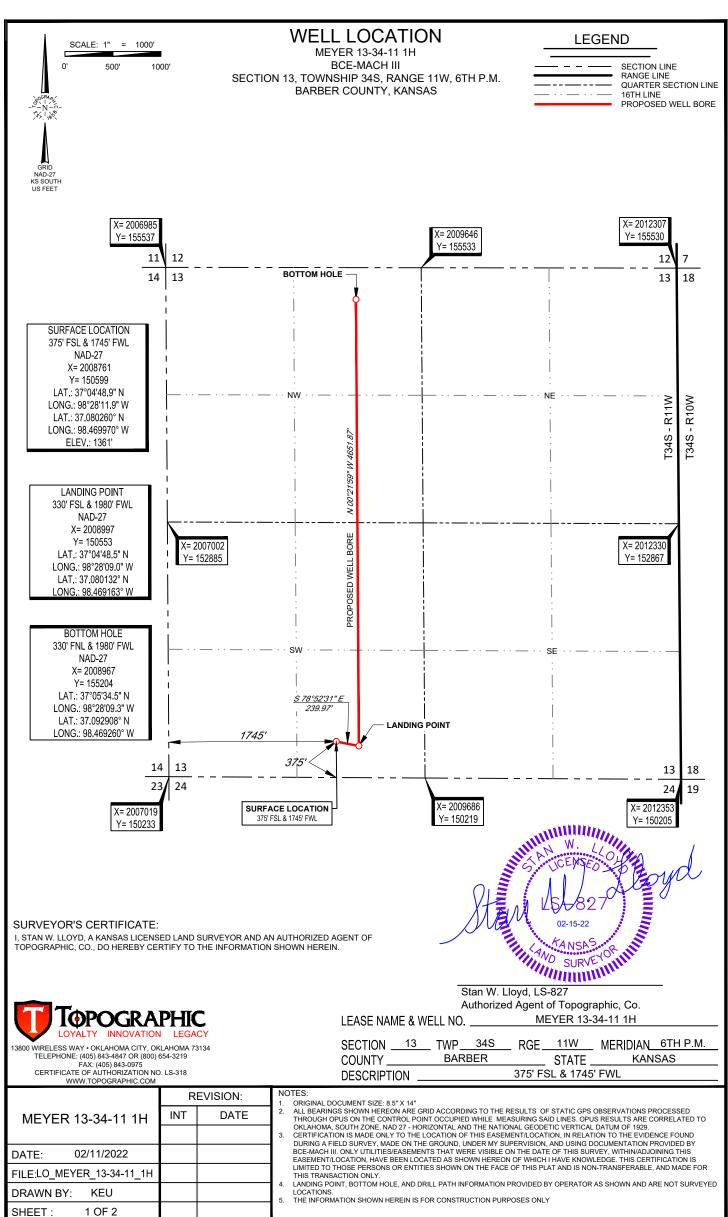
MEVED 40 04 44	REVISION:		
MEYER 13-34-11 1H PAD	INT	DATE	l
IIIFAD			l
DATE: 02/11/2022			l
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DRAWN BY: KEU			
SHEET: 1 OF 1			l

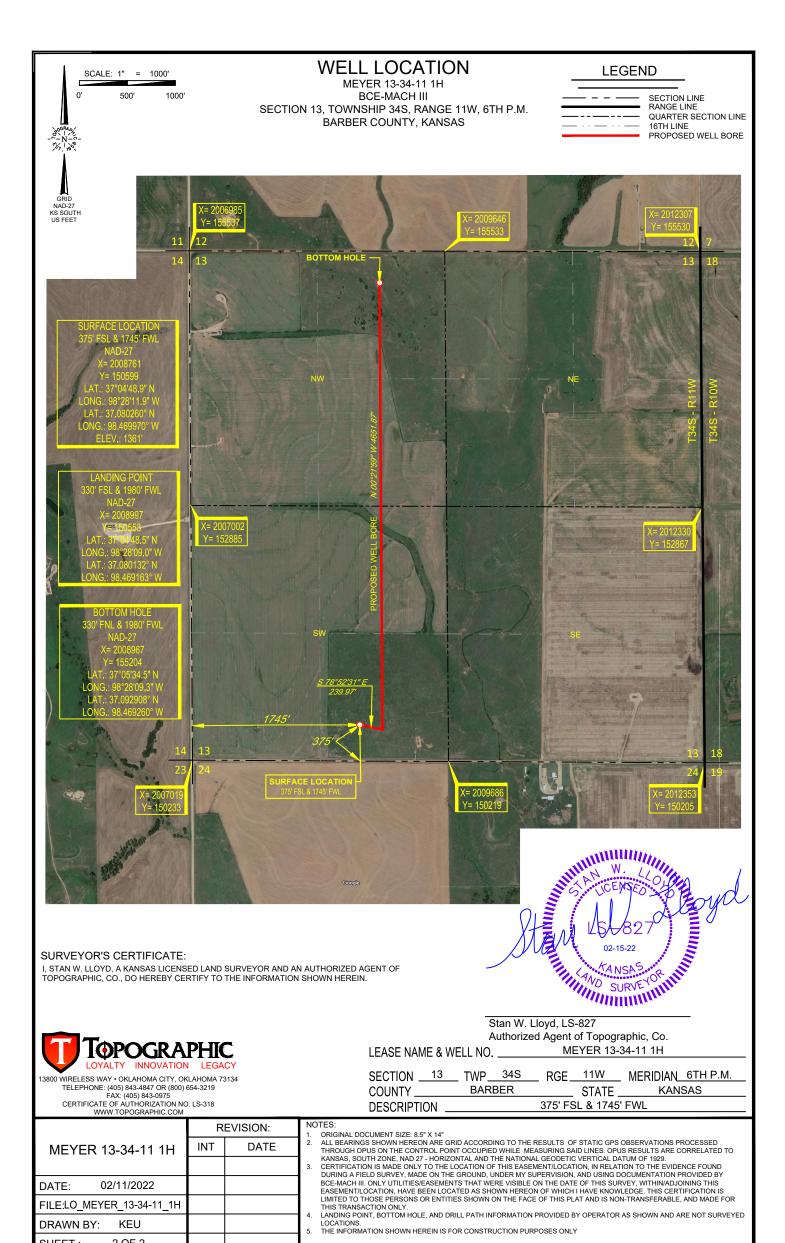
NOTES:

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ORIGINAL DOCUMENT SIZE: 8.5" X 14" ALL BEARINGS SHOWN HEREON ARE GRID ACCORDING TO THE RESULTS OF STATIC GPS OBSERVATIONS PROCESSED THROUGH OPUS ON THE CONTROL POINT OCCUPIED WHILE MEASURING SAID LINES. OPUS RESULTS ARE CORRELATED TO KANSAS, SOUTH ZONE, NAD 27 - NATIONAL GEODETIC VERTICAL DATUM OF 1929. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT/LOCATION, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY BCE-MACH III. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT/LOCATION, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY





02/11/2022

KEU

2 OF 2

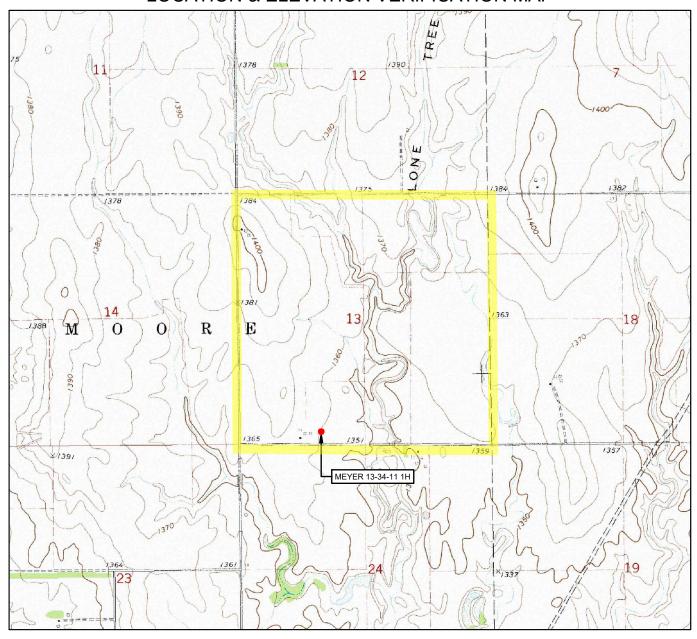
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DATE:

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### **LOCATION & ELEVATION VERIFICATION MAP**



MEYER 13-34-11 1H LEASE NAME & WELL NO.

\_ RGE\_\_\_11W\_\_ MERIDIAN 6TH P.M. SECTION 13 TWP 34S **BARBER** KANSAS COUNTY STATE . 375' FSL & 1745' FWL DESCRIPTION

ELEVATION \_\_1361'

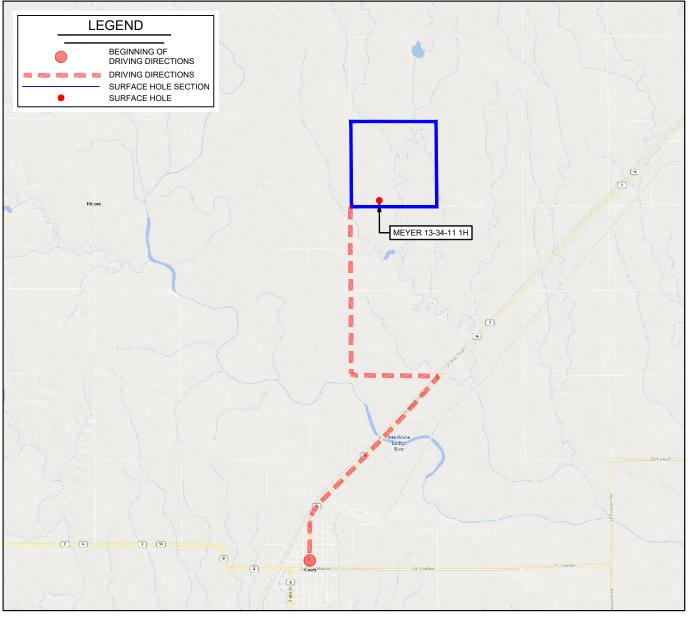
1000' THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY SECHACH III. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE KANSAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.



13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134 TELEPHONE: (405) 843-4847 OR (800) 654-3219 FAX: (405) 843-0975 CERTIFICATE OF AUTHORIZATION NO. LS-318 WWW.TOPOGRAPHIC.COM

#### VICINITY MAP



LEASE NAME & WELL NO.

MEYER 13-34-11 1H

SECTION \_\_13 \_\_TWP \_\_34S \_\_RGE \_\_11W \_\_MERIDIAN \_6TH P.M.

COUNTY \_\_\_\_\_BARBER \_\_\_\_STATE \_\_\_\_\_KANSAS

DESCRIPTION \_\_\_\_\_\_375' FSL & 1745' FWL

DISTANCE & DIRECTION

FROM KIOWA, KS, GO 2.9 MILES NORTH ON ST. HWY. 2/ST. HWY. 14,

THEN GO 1 MILE EAST ON RATTLESNAKE TRAIL, THEN 2 MILES

NORTH TO THE SW CORNER OF SECTION 13-34S-11W.

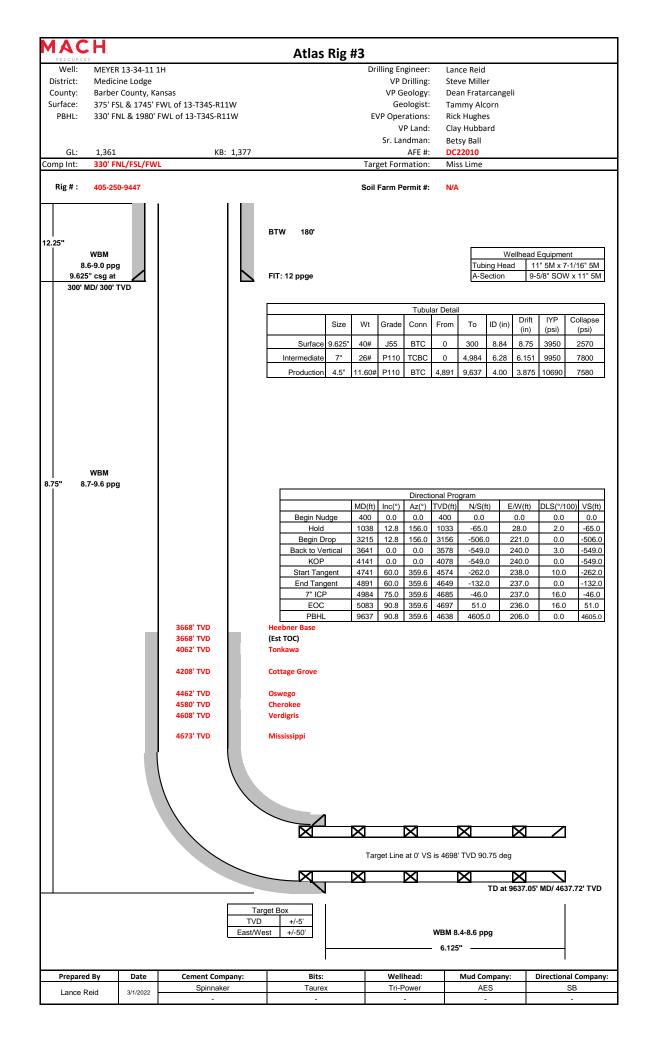
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY SEE-MACH III. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE KANSAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.





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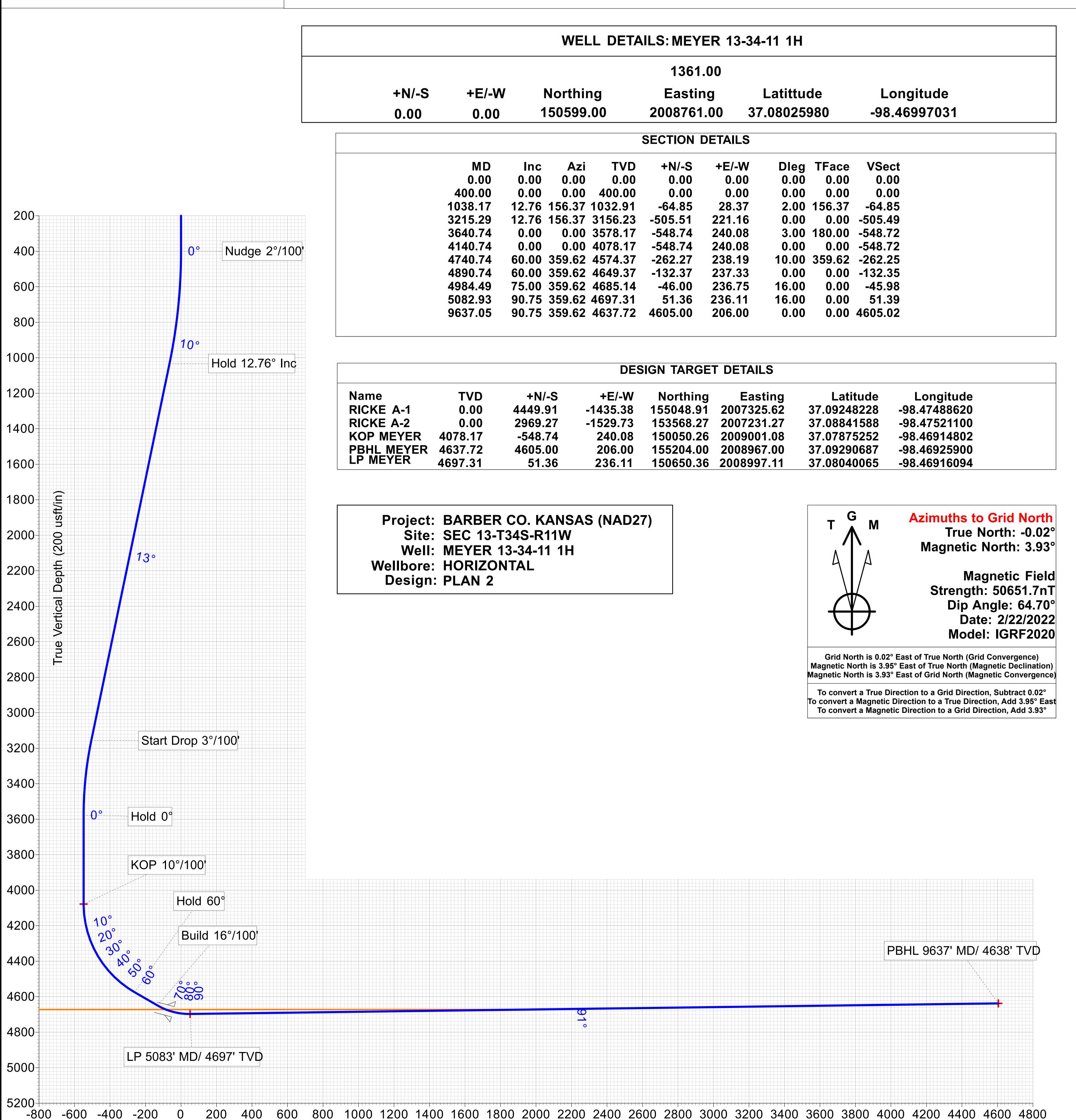




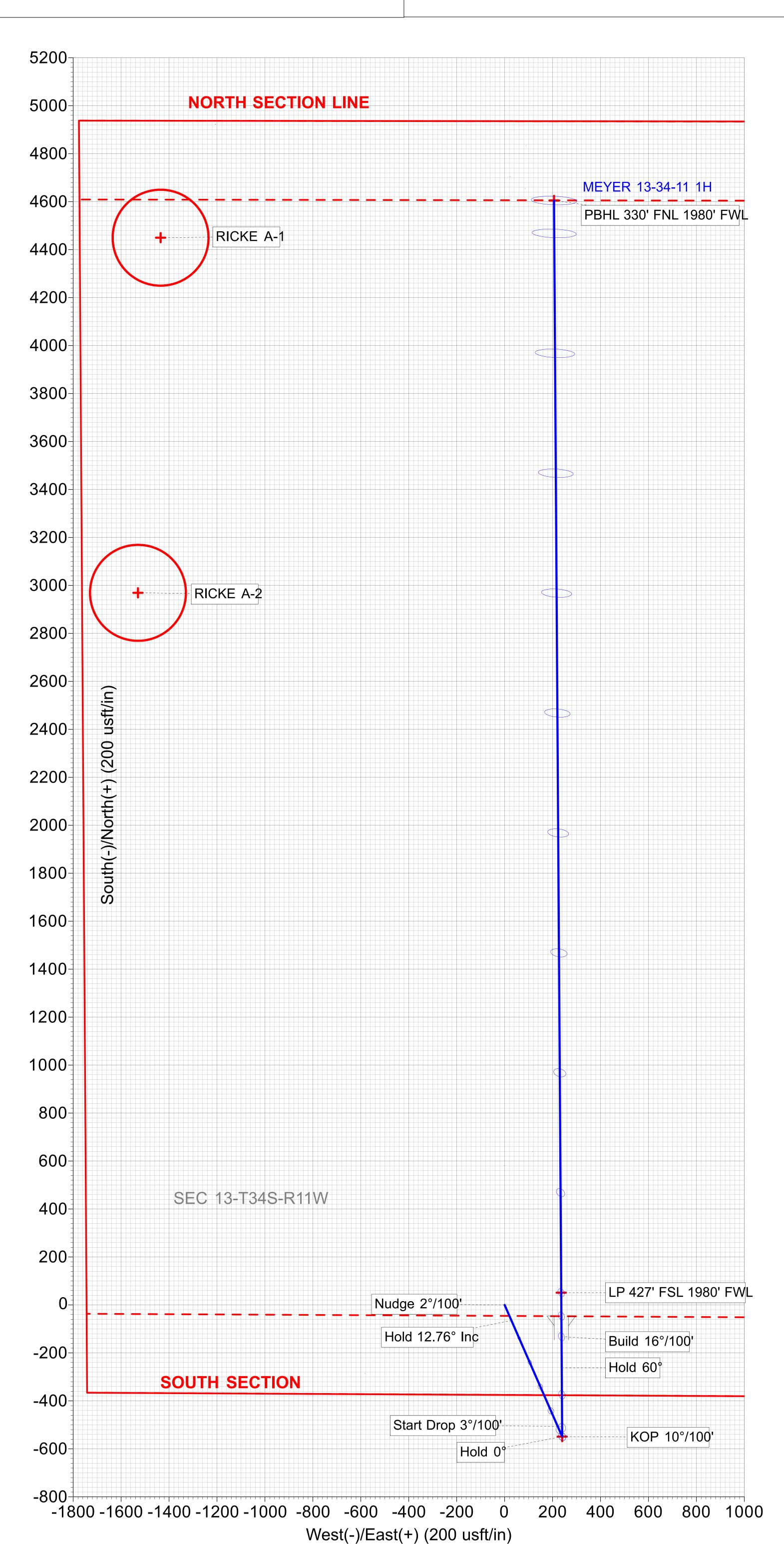
# MEYER 13-34-11 1H

# ATLAS RIG 3





Vertical Section at 0.01° (200 usft/in)





March 1, 2022

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

Re:

BCE-Mach III LLC's - MEYER 13-34-11 1H

Section 13-34S-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 4,600' and 4,700' in the Mississippi Formation. The producing wellbore will be in a 320-acre production unit consisting of the W/2 of Sect. 13-34S-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 4,653'.

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

Respectively,

**BCE-Mach III LLC** 

Lance Reid



# **Mach Resources**

Meyer 13-34-11 1H
API #:15-007-#####
Sec 13, T34N, R11W
Barber County, Kansas
Proposal #31750001
Service point El Reno, Oklahoma
3/1/2022

Rig - Atlas 3

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

ireid@machresources.com	ullon.bellarry@spirmakeroll.com
405-410-6082	(405) 328-1026
Contact:	Contact:
Michael Rallo	Clint Symes
Cementing Operations Coordinator	Cementing Operations Coordinator
michael.rallo@spinnakeroil.com	clint.symes@spinnakeroil.com
(405) 808-5364	(405) 808-1162
	,
	Contact:
	Scott Walton
	El Reno - Area Field Manager
	scotty.walton@spinnakeroil.com
	(405) 535-6561
	(100) 000 0001
El Reno Central Coordinators	phone - (405) 420-3534

Thank You For Your Business!!!



## **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

FILL REQUIRED 300 Feet
BHST 83 Degrees
BHCT 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



MLPU1	D ( "	Description	0 "		0   7 ( )	<b>-</b> ( )
MLPU1   Pickup Mileage 1 unit (roundtrip miles)   300   \$3.94   \$1,182.00   \$472   MLHE3   Heavy Vehicle Mileage 3 units (roundtrip miles)   300   \$20.34   \$6,102.00   \$2,440   MLTN   Bulk Cement Delivery/Return (per Ton-Mile)   1,274   \$2.73   \$3,478.02   \$1,391   MXBK   Bulk Material Mixing Service Charge (Per cu.ft.)   170   \$3.03   \$515.10   \$206   CMTHD   Cement Head with manifold (per Job)   1   \$1,895.00   \$1,895.00   \$758   PC1K   Pump Charge 0-1000' (Per 4 hrs)   1   \$1,887.60   \$1,887.60   \$755   DAQ   Data Acquisition System   1   \$1,331.00   \$1,331.00   \$532   FLSCG   Fuel Surcharge (per unit/per job)   3   \$605.00   \$1,815.00   \$726   ENVFEE   Environmental Fee   1   \$211.75   \$211.75   \$84   DAMSS   Data Monitoring System/Supervisor   1   \$800.00   \$800.00   \$320   CIrculation Equipment (40' of equipment per job)   1   \$1,512.50   \$152.50   \$605   CSTD   Circulation Equipment (Per sack)   170   \$31.81   \$5,407.70   \$2,163   CEXTGYP   Gypsum (per lb)   480   \$0.54   \$259.20   \$103   CACCSMS   CACCC   Calcium Chloride (per lb)   480   \$0.54   \$259.20   \$103   CACCSMS   CACCC   Calcium Chloride (per lb)   400   \$1.45   \$580.00   \$322   CLCMPF   Poly Flake (per lb)   43   \$3.23   \$138.89   \$55   Poly Flake (per lb)   43   \$3.23   \$138.89   \$55   Poly Flake (per lb)   47   Porduct Restocking Fee (per truck)   Derrick Charge (Cement Head Stabbing Above 8 ft )   0   \$726.00   \$0.00   \$0   \$0.00   \$0   \$0.00   \$0   \$	Ref. #	Description	Quantity	Unit Price	Sub Total	Total
MLHE3         Heavy Vehicle Mileage 3 units (roundtrip miles)         300         \$20.34         \$6,102.00         \$2,448           MLTN         Bulk Cement Delivery/Return (per Ton-Mile)         1,274         \$2.73         \$3,478.02         \$1,391           MXBK         Bulk Material Mixing Service Charge (Per cu.ft.)         170         \$3.03         \$515.10         \$206           CMTHD         Cement Head with manifold (per Job)         1         \$1,895.00         \$1,895.00         \$758           PC1K         Pump Charge 0-1000' (Per 4 hrs)         1         \$1,887.60         \$1,887.60         \$755           DAQ         Data Acquisition System         1         \$1,887.60         \$1,887.60         \$755           DAG         Data Acquisition System         1         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,331.00         \$1,318.50         \$726         \$217.5         \$484           DAMS         Data Monitoring System/Supervisor         1         \$800.00         \$800.00         \$800.00         \$320.00         \$800.00         \$320.00         \$30.		Cementing Service and Materials *********		40.04	<b>*</b> 4 4 0 0 0 0	<b>* 4-</b> 0 0 0
MLTN         Bulk Cement Delivery/Return (per Ton-Mile)         1,274         \$2.73         \$3,478.02         \$1,391           MXBK         Bulk Material Mixing Service Charge (Per cu.ft.)         170         \$3.03         \$515.10         \$206           CMTHD         Cement Head with manifold (per Job)         1         \$1,895.00         \$1,895.00         \$758           PC1K         Pump Charge 0-1000' (Per 4 hrs)         1         \$1,887.60         \$1,887.60         \$7755           DAQ         Data Acquisition System         1         \$1,331.00         \$1,331.00         \$532           FLSCG         Fuel Surcharge (per unit/per job)         3         \$605.00         \$1,317.00         \$1331.00         \$532           ENVFEE         Environmental Fee         1         \$211.75         \$211.75         \$84           DAMSS         Data Monitoring System/Supervisor         1         \$800.00         \$800.00         \$320           CIRON         Circulation Equipment (40' of equipment per job)         1         \$1,512.50         \$1,512.50         \$605           CSTD         Class A Type Standard Cement (per sack)         170         \$31.81         \$5,407.70         \$2,163           CEXTGYP         Gypsum (per lb)         480         \$0.54         \$259.20		Pickup Mileage 1 unit (roundtrip miles)		\$3.94	\$1,182.00	\$472.80
MXBK   CMTHD   Cement Head with manifold (per Job)   1   \$1,895.00   \$1,895.00   \$758		Heavy Vehicle Mileage 3 units (roundtrip miles)				\$2,440.80
CMTHD         Cement Head with manifold (per Job)         1         \$1,895.00         \$1,895.00         \$758           PC1K         Pump Charge 0-1000' (Per 4 hrs)         1         \$1,887.60         \$1,887.60         \$758           DAQ         Data Acquisition System         1         \$1,331.00         \$1,331.00         \$632           FLSCG         Fuel Surcharge (per unit/per job)         3         \$605.00         \$1,815.00         \$726           ENVFEE         Environmental Fee         1         \$211.75         \$211.75         \$84           DAMSS         Data Monitoring System/Supervisor         1         \$800.00         \$800.00         \$320.00         \$320.00         \$320.00         \$30.00         \$320.00         \$320.00         \$326.00         \$31.81         \$5,407.70         \$2,163         \$259.20         \$103         \$259.20         \$103         \$259.20         \$103         \$31.81         \$5,407.70         \$2,163         \$259.20         \$103         \$250.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00         \$30.00						\$1,391.21
PC1K   Pump Charge 0-1000' (Per 4 hrs)   1   \$1,887.60   \$1,887.60   \$755     DAQ   Data Acquisition System   1   \$1,331.00   \$1,331.00   \$532     FLSCG   Fuel Surcharge (per unit/per job)   3   \$605.00   \$1,815.00   \$726     ENVFEE   Environmental Fee   1   \$211.75   \$211.75   \$84     DAMSS   Data Monitoring System/Supervisor   1   \$800.00   \$800.00   \$320     CIRON   Circulation Equipment (40' of equipment per job)   1   \$1,512.50   \$1,512.50   \$605     CSTD   Class A Type Standard Cement (per sack)   170   \$31.81   \$5,407.70   \$2,163     CEXTGYP   Gypsum (per lb)   480   \$0.54   \$259.20   \$103     CACCSMS   SMS (per lb)   80   \$3.86   \$308.80   \$123     CACCCC   Calcium Chloride (per lb)   440   \$1.45   \$580.00   \$232     CLCMPF   Poly Flake (per lb)   43   \$3.23   \$138.89   \$55     PCADD   Primary Pump Unit Addl Hours   0   \$594.50   \$0.00   \$0     RESTK   Product Restocking Fee (per truck)   0   \$1,250.00   \$0.00   \$0     RESTK   Product Restocking Fee (per truck)   0   \$29.50   \$0.00   \$0     DERKC   Derrick Charge (Cement Head Stabbing Above 8 ft ) 0   \$726.00   \$0.00   \$0     FTRP958   9 5/8" Top Rubber Plug   0   \$220.00   \$0.00   \$0     ADDHOSE   Additional HOSES (above 120 ft/per ft)   0   \$3.55   \$0.00   \$0		Bulk Material Mixing Service Charge (Per cu.ft.)	170			\$206.04
DAQ   Data Acquisition System   1   \$1,331.00   \$1,331.00   \$532		Cement Head with manifold (per Job)	1		\$1,895.00	\$758.00
FLSCG		Pump Charge 0-1000' (Per 4 hrs)	11			\$755.04
ENVFEE   Environmental Fee   1			1			\$532.40
DaMSS   Data Monitoring System/Supervisor   1			3			\$726.00
CIRON         Circulation Equipment (40' of equipment per job)         1         \$1,512.50         \$605           CSTD         Class A Type Standard Cement (per sack)         170         \$31.81         \$5,407.70         \$2,163           CEXTGYP         Gypsum (per lb)         480         \$0.54         \$259.20         \$103           CACCSMS         SMS (per lb)         80         \$3.86         \$308.80         \$123           CACCCC         Calcium Chloride (per lb)         400         \$1.45         \$580.00         \$232           CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used           PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft)         0         \$726.00         \$0.00         \$0           FTRP958         ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$220.00         \$0.00         \$0           Book Price         \$27,424.56			1			\$84.70
CSTD         Class A Type Standard Cement (per sack)         170         \$31.81         \$5,407.70         \$2,163           CEXTGYP CACCSMS         Gypsum (per lb)         480         \$0.54         \$259.20         \$103           CACCSMS SMS (per lb)         SMS (per lb)         80         \$3.86         \$308.80         \$123           CACCC Calcium Chloride (per lb)         400         \$1.45         \$580.00         \$232           CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used           PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         Book Price         \$27,424.56		Data Monitoring System/Supervisor	1			\$320.00
CEXTGYP Gypsum (per lb)         480         \$0.54         \$259.20         \$103           CACCSMS SMS (per lb)         80         \$3.86         \$308.80         \$123           CACCCC Calcium Chloride (per lb)         400         \$1.45         \$580.00         \$232           CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used           PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         Book Price         \$27,424.56         \$27,424.56         \$27,424.56         \$27,424.56	CIRON	Circulation Equipment (40' of equipment per job)	1	\$1,512.50	\$1,512.50	\$605.00
CEXTGYP Gypsum (per lb)         480         \$0.54         \$259.20         \$103           CACCSMS SMS (per lb)         80         \$3.86         \$308.80         \$123           CACCCC Calcium Chloride (per lb)         400         \$1.45         \$580.00         \$232           CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used           PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         Book Price         \$27,424.56         \$27,424.56         \$27,424.56         \$27,424.56						
CACCSMS CACCC         SMS (per lb)         80         \$3.86         \$308.80         \$123           CACCCC CACCC         Calcium Chloride (per lb)         400         \$1.45         \$580.00         \$232           CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used           PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         Book Price         \$27,424.56         \$27,424.56         \$27,424.56						\$2,163.08
CACCCC CLOMPF         Calcium Chloride (per lb)         400         \$1.45         \$580.00         \$232           CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used           PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0						\$103.68
CLCMPF         Poly Flake (per lb)         43         \$3.23         \$138.89         \$55           Additional Items if used         PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft)         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56	CACCSMS	SMS (per lb)	80			\$123.52
PCADD	CACCCC	Calcium Chloride (per lb)	400	\$1.45	\$580.00	\$232.00
PCADD         Primary Pump Unit Addl Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56	CLCMPF	Poly Flake (per lb)	43	\$3.23	\$138.89	\$55.56
PCADD         Primary Pump Unit Addi Hours         0         \$594.50         \$0.00         \$0           RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56				-		
RESTK         Product Restocking Fee (per truck)         0         \$1,250.00         \$0.00         \$0           DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0		Additional Items if used				
DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56         \$27,424.56         \$27,424.56	PCADD	Primary Pump Unit Addl Hours	0	\$594.50	\$0.00	\$0.00
DERKC         Derrick Charge (Cement Head Stabbing Above 8 ft )         0         \$726.00         \$0.00         \$0           CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56         \$27,424.56         \$27,424.56	RESTK	Product Restocking Fee (per truck)	0	\$1,250.00	\$0.00	\$0.00
CDFDIAL         ATF Cement Defoamer (per gal)         0         \$29.50         \$0.00         \$0           FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56         \$27,424.56         \$27,424.56         \$27,424.56	DERKC		0		\$0.00	\$0.00
FTRP958         9 5/8" Top Rubber Plug         0         \$220.00         \$0.00         \$0           ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56         \$27,424.56         \$27,424.56         \$27,424.56         \$27,424.56	CDFDIAL	ATF Cement Defoamer (per gal)	0	\$29.50	\$0.00	\$0.00
ADDHOSE         Additional HOSES (above 120 ft/per ft)         0         \$3.55         \$0.00         \$0           Book Price         \$27,424.56         \$27,424.56         \$27,424.56         \$3.55         \$	FTRP958	9 5/8" Top Rubber Plug	0		\$0.00	\$0.00
			0	\$3.55	\$0.00	\$0.00
					,	
		Book Price			\$27,424,56	
Estimated Total (Exclusive of Sales Tax) \$10.969		2001.1.1.00			<b>4</b> ,	
Estimated Total (Exclusive of Sales Tax) \$10.969						
Estimated Total (Exclusive of Sales Tax) \$10,969						
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		Estimated Total (Exclusive of Sales Tax)				\$10,969.82
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#### **Job Data**

JOB TYPE Intermediate

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

**HOLE SIZE** 8.75 in.

**MUD** 8.7-9.6 ppg WBM

 TVD
 4698 ft

 MD
 4984 ft

 EXCESS
 30%

**BHST** 132 Degrees **BHCT** 105 Degrees

#### **FLUID REQUIREMENTS**

SPACER 40 bbls Fresh Water

**LEAD CEMENT SLURRY** 65 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
 3668 feet

 BBLS OF SLURRY
 63.56 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
 3984 feet

 BBLS OF SLURRY
 37.14 bbls

**DISPLACEMENT** 188.99 bbls H20



Ref. #	Description	Quantity	Unit Price	Sub Total	Total
ixei. π	********* Cementing Service and Materials ********	Quantity	Jille I lice	Jub i otai	Iotai
MLPU1	Pickup Mileage 1 unit (roundtrip miles)	300	\$3.94	\$1,182.00	\$472.80
MLHE3	Heavy Vehicle Mileage 3 units (roundtrip miles)	300	\$20.34	\$6,102.00	\$2,440.80
MLTN	Bulk Cement Delivery/Return (per Ton-Mile)	1,581	\$2.73	\$4,316.13	\$1,726.45
MXBK	Bulk Material Mixing Service Charge (Per cu.ft.)	215	\$3.03	\$651.45	\$260.58
CMTHD	Cement Head with manifold (per Job)	1	\$1,895.00	\$1,895.00	\$758.00
PC5K	Pump Charge 4001-5000' (Per 5 hrs)	1	\$3,811.50	\$3,811.50	\$1,524.60
DAQ	Data Acquisition System	1	\$1,331.00	\$1,331.00	\$532.40
FLSCG	Fuel Surcharge (per unit/per job)	3	\$605.00	\$1,815.00	\$726.00
ENVFEE	Environmental Fee	1	\$211.75	\$211.75	\$84.70
DAMSS	Data Monitoring System/Supervisor	1	\$800.00	\$800.00	\$320.00
CIRON	Circulation Equipment (40' of equipment per job)	1	\$1,512.50	\$1,512.50	\$605.00
CSTD	Class A Type Standard Cement (per sack)	118	\$31.81	\$3,753.58	\$1,501.43
CPOZF	POZ (per sack)	98	\$17.35	\$1,700.30	\$680.12
CEXTGEL	GEL (per lb)	1,100	\$0.63	\$693.00	\$277.20
	Gypsum (per lb)	931	\$0.54	\$502.74	\$201.10
	SFA (per lb)	679	\$1.21	\$821.59	\$328.64
CFL5	SFL-5 (per lb)	45	\$18.56	\$835.20	\$334.08
	SA-2 (per lb)	85	\$19.52	\$1,659.20	\$663.68
CLCMPF	Poly Flake (per lb)	20	\$3.23	\$64.60	\$25.84
	Additional Items if used				
STBYPU	Standby Pump Unit	0	\$5,850.00	\$0.00	\$0.00
PCADD	Primary Pump Unit Addl Hours	0	\$594.50	\$0.00	\$0.00
PCADD1	Standby Pump Unit Addl Hours	0	\$450.50	\$0.00	\$0.00
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	\$0.00	\$0.00
	Book Price			\$33,658.54	
	Estimated Total (Exclusive of Sales Tax)				\$13,463.42

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

March 07, 2022

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

Re: Drilling Pit Application Meyer 13-34-11 1H SW/4 Sec.13-34S-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.

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 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 <b>producing</b> 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.