

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--

FINAL AS-DRILLED PLAT

MOLZ SHKLAR 33-34-11 1H
BCE-MACH III LLC
SECTION 33, TOWNSHIP 34S, RANGE 11W, 6TH P.M.
BARBER COUNTY, KANSAS

LEGEND	
	SECTION LINE
	TOWNSHIP LINE
	QUARTER SECTION LINE
	16TH LINE
	WELL BORE

SCALE: 1" = 2000'

0' 1000' 2000'

MNR

NOTE:
EXISTING WELLS ARE PLATTED PER RECORDS PROVIDED BY THE CLIENT, NOT SURVEYED IN THE FIELD.

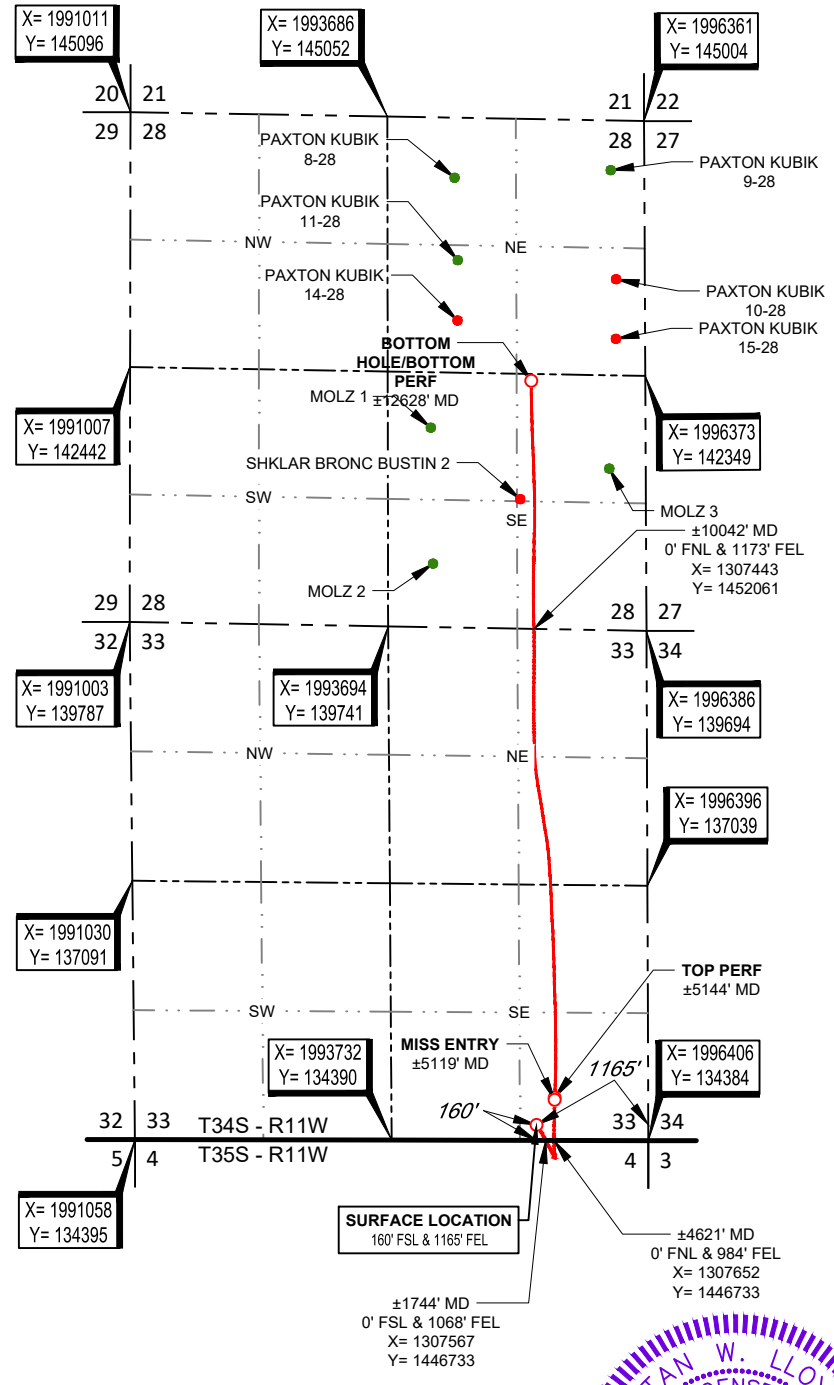
GRID
NAD-27
KS SOUTH
US FEET

SURFACE LOCATION
160' FSL & 1165' FEL
NAD-27
X= 1995240
Y= 134547
LAT.: 37°02'10.2" N
LONG.: 98°30'58.7" W
LAT.: 37.036176° N
LONG.: 98.516306° W
ELEV.: 1389'

MISS ENTRY
422' FSL & 976' FEL-SEC. 33
MD: ±5119'
NAD-27
X= 1995428
Y= 134808
LAT.: 37°02'12.8" N
LONG.: 98°30'56.4" W
LAT.: 37.036894° N
LONG.: 98.515661° W

TOP PERF
446' FSL & 975' FEL-SEC. 33
MD: ±5144'
NAD-27
X= 1995429
Y= 134832
LAT.: 37°02'13.1" N
LONG.: 98°30'56.4" W
LAT.: 37.036961° N
LONG.: 98.515658° W

BOTTOM PERF/ TD
2584' FSL & 1189' FEL-SEC. 28
MD: ±12628'
NAD-27
X= 1995185
Y= 142299
LAT.: 37°03'26.9" N
LONG.: 98°30'59.4" W
LAT.: 37.057467° N
LONG.: 98.516500° W



Stan W. Lloyd
Stan W. Lloyd, P.L.S. No. 827
Authorized Agent of Topographic, Co.

SURVEYOR'S CERTIFICATE:
I, STAN W. LLOYD, A KANSAS LICENSED LAND SURVEYOR AND AN AUTHORIZED AGENT OF TOPOGRAPHIC, CO., DO HEREBY CERTIFY TO THE INFORMATION SHOWN HEREIN.



1900 NORTHWEST EXPY, Ste. 1500 • OKLAHOMA CITY, OKLAHOMA 73118
TELEPHONE: (405) 843-4847 OR (800) 654-3219
FAX: (405) 843-0975
CERTIFICATE OF AUTHORIZATION NO. LS-318
WWW.TOPOGRAPHIC.COM

LEASE NAME & WELL NO. MOLZ SHKLAR 33-34-11 1H
SECTION 33 TWP 34S RGE 11W MERIDIAN 6TH P.M.
COUNTY BARBER STATE KANSAS
DESCRIPTION 160' FSL & 1165' FEL

MOLZ SHKLAR 33-34-11 1H	REVISION:	
	INT	DATE
DATE: 03/05/2024		
FILE: AD_MOLZ_SHKLAR_33-34-11_1H		
DRAWN BY: JPH		
SHEET: 1 OF 1		

- NOTES:**
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
 2. 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 - HORIZONTAL AND THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.
 3. 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 LLC. 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.
 4. LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION PROVIDED BY OPERATOR AS SHOWN AND ARE NOT SURVEYED LOCATIONS.
 5. THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY



MACH RESOURCES

BARBER CO. KANSAS (NAD27)

SEC 33-T34S-R11W

MOLZ SHKLAR 33/28-34-11 1H

ORIGINAL WELLPATH

Design: ORIGINAL WELLPATH

Standard Survey Report

19 February, 2024

MACH[™]
RESOURCES



Company:	MACH RESOURCES	Local Co-ordinate Reference:	Well MOLZ SHKLAR 33/28-34-11 1H
Project:	BARBER CO. KANSAS (NAD27)	TVD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Site:	SEC 33-T34S-R11W	MD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Well:	MOLZ SHKLAR 33/28-34-11 1H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Project	BARBER CO. KANSAS (NAD27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site	SEC 33-T34S-R11W				
Site Position:		Northing:	134,590.00 usft	Latitude:	37.03629343
From:	Map	Easting:	1,992,356.00 usft	Longitude:	-98.52618559
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	MOLZ SHKLAR 33/28-34-11 1H					
Well Position	+N/-S	0.00 usft	Northing:	134,547.00 usft	Latitude:	37.03617715
	+E/-W	0.00 usft	Easting:	1,995,260.00 usft	Longitude:	-98.51623751
Position Uncertainty	0.50 usft		Wellhead Elevation:	usft	Ground Level:	1,389.00 usft
Grid Convergence:	-0.01 °					

Wellbore	ORIGINAL WELLPATH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	1/8/2024	3.78	64.56	50,419.17620348

Design	ORIGINAL WELLPATH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	0.00	

Survey Program	Date	2/19/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
224.00	12,628.00	MWD SURVEYS (ORIGINAL WELLPATH)	MWD+HRGM	OWSG MWD + HRGM	

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
224.00	0.40	123.54	224.00	-0.43	0.65	-0.43	0.18	0.18	0.00
283.00	0.75	105.92	283.00	-0.65	1.19	-0.65	0.66	0.59	-29.86
350.00	0.92	103.55	349.99	-0.90	2.14	-0.90	0.26	0.25	-3.54
404.00	1.80	121.74	403.97	-1.45	3.28	-1.45	1.80	1.63	33.69
495.00	4.97	128.42	494.80	-4.65	7.59	-4.65	3.50	3.48	7.34
585.00	6.37	137.16	584.36	-10.73	14.04	-10.73	1.82	1.56	9.71
673.00	8.26	147.80	671.65	-19.66	20.73	-19.66	2.63	2.15	12.09



Company:	MACH RESOURCES	Local Co-ordinate Reference:	Well MOLZ SHKLAR 33/28-34-11 1H
Project:	BARBER CO. KANSAS (NAD27)	TVD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Site:	SEC 33-T34S-R11W	MD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Well:	MOLZ SHKLAR 33/28-34-11 1H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
764.00	9.76	154.87	761.52	-32.18	27.48	-32.18	2.05	1.65	7.77
853.00	9.10	155.80	849.32	-45.43	33.57	-45.43	0.76	-0.74	1.04
948.00	8.00	151.80	943.26	-58.11	39.78	-58.11	1.32	-1.16	-4.21
1,036.00	6.90	148.11	1,030.52	-67.99	45.46	-67.99	1.36	-1.25	-4.19
1,126.00	7.91	144.41	1,119.77	-77.62	51.92	-77.62	1.24	1.12	-4.11
1,217.00	7.96	146.35	1,209.90	-87.95	59.06	-87.95	0.30	0.05	2.13
1,306.00	8.75	155.05	1,297.96	-99.22	65.33	-99.22	1.67	0.89	9.78
1,396.00	8.84	152.37	1,386.90	-111.56	71.43	-111.56	0.47	0.10	-2.98
1,485.00	8.79	152.46	1,474.85	-123.64	77.74	-123.64	0.06	-0.06	0.10
1,575.00	9.10	151.18	1,563.75	-135.98	84.35	-135.98	0.41	0.34	-1.42
1,664.00	9.76	150.61	1,651.55	-148.72	91.45	-148.72	0.75	0.74	-0.64
1,753.00	8.84	156.54	1,739.38	-161.56	97.87	-161.56	1.49	-1.03	6.66
1,844.00	8.09	155.45	1,829.39	-173.80	103.32	-173.80	0.84	-0.82	-1.20
1,938.00	7.30	152.76	1,922.54	-185.13	108.80	-185.13	0.92	-0.84	-2.86
2,031.00	8.22	153.78	2,014.69	-196.35	114.44	-196.35	1.00	0.99	1.10
2,126.00	7.91	153.64	2,108.75	-208.30	120.34	-208.30	0.33	-0.33	-0.15
2,220.00	7.52	151.05	2,201.90	-219.47	126.19	-219.47	0.56	-0.41	-2.76
2,315.00	7.87	147.01	2,296.04	-230.37	132.74	-230.37	0.68	0.37	-4.25
2,410.00	8.62	148.55	2,390.06	-241.90	140.00	-241.90	0.82	0.79	1.62
2,504.00	10.02	154.79	2,482.82	-255.31	147.16	-255.31	1.83	1.49	6.64
2,598.00	9.14	154.83	2,575.51	-269.46	153.82	-269.46	0.94	-0.94	0.04
2,693.00	8.13	153.60	2,669.43	-282.31	160.01	-282.31	1.08	-1.06	-1.29
2,787.00	6.59	152.41	2,762.65	-293.04	165.46	-293.04	1.65	-1.64	-1.27
2,881.00	7.03	145.65	2,855.99	-302.57	171.21	-302.57	0.97	0.47	-7.19
2,975.00	5.67	140.37	2,949.41	-310.90	177.42	-310.90	1.57	-1.45	-5.62
3,070.00	4.84	140.24	3,044.01	-317.60	182.97	-317.60	0.87	-0.87	-0.14
3,164.00	4.53	135.63	3,137.70	-323.30	188.11	-323.30	0.52	-0.33	-4.90
3,258.00	4.09	156.06	3,231.44	-329.01	192.06	-329.01	1.69	-0.47	21.73
3,353.00	3.47	183.00	3,326.24	-334.98	193.29	-334.98	1.96	-0.65	28.36
3,448.00	2.86	180.23	3,421.09	-340.22	193.13	-340.22	0.66	-0.64	-2.92
3,542.00	2.37	177.07	3,515.00	-344.51	193.22	-344.51	0.54	-0.52	-3.36
3,636.00	0.44	204.05	3,608.96	-346.78	193.17	-346.78	2.11	-2.05	28.70
3,729.00	0.57	197.94	3,701.96	-347.55	192.88	-347.55	0.15	0.14	-6.57
3,824.00	0.66	189.37	3,796.95	-348.54	192.65	-348.54	0.14	0.09	-9.02
3,917.00	0.40	200.80	3,889.95	-349.37	192.44	-349.37	0.30	-0.28	12.29
4,012.00	0.40	174.34	3,984.95	-350.01	192.36	-350.01	0.19	0.00	-27.85
4,102.00	0.48	168.15	4,074.94	-350.69	192.47	-350.69	0.10	0.09	-6.88
4,156.00	1.58	9.37	4,128.94	-350.18	192.63	-350.18	3.77	2.04	-294.04
4,197.00	7.52	357.42	4,169.79	-346.94	192.61	-346.94	14.59	14.49	-29.15
4,244.00	13.36	358.38	4,215.99	-338.43	192.31	-338.43	12.43	12.43	2.04
4,291.00	17.93	358.43	4,261.24	-325.76	191.96	-325.76	9.72	9.72	0.11
4,338.00	20.92	354.52	4,305.56	-310.17	190.96	-310.17	6.93	6.36	-8.32

Company:	MACH RESOURCES	Local Co-ordinate Reference:	Well MOLZ SHKLAR 33/28-34-11 1H
Project:	BARBER CO. KANSAS (NAD27)	TVD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Site:	SEC 33-T34S-R11W	MD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Well:	MOLZ SHKLAR 33/28-34-11 1H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,386.00	24.04	354.74	4,349.91	-291.90	189.25	-291.90	6.50	6.50	0.46	
4,433.00	28.00	354.74	4,392.14	-271.38	187.36	-271.38	8.43	8.43	0.00	
4,481.00	33.01	356.32	4,433.48	-247.09	185.48	-247.09	10.57	10.44	3.29	
4,528.00	36.84	356.93	4,472.01	-220.24	183.91	-220.24	8.18	8.15	1.30	
4,576.00	39.78	357.95	4,509.67	-190.51	182.59	-190.51	6.26	6.13	2.13	
4,623.00	42.90	359.53	4,544.95	-159.48	181.92	-159.48	7.00	6.64	3.36	
4,672.00	46.15	0.58	4,579.88	-125.13	181.96	-125.13	6.80	6.63	2.14	
4,690.00	46.95	0.45	4,592.26	-112.06	182.08	-112.06	4.48	4.44	-0.72	
4,719.00	49.10	0.67	4,611.66	-90.50	182.29	-90.50	7.44	7.41	0.76	
4,767.00	52.92	1.24	4,641.85	-53.21	182.91	-53.21	8.01	7.96	1.19	
4,814.00	57.32	1.24	4,668.72	-14.67	183.75	-14.67	9.36	9.36	0.00	
4,834.00	59.03	1.37	4,679.27	2.32	184.14	2.32	8.57	8.55	0.65	
4,862.00	60.31	0.67	4,693.41	26.48	184.56	26.48	5.06	4.57	-2.50	
4,909.00	61.41	0.98	4,716.29	67.53	185.16	67.53	2.41	2.34	0.66	
4,953.00	62.51	0.54	4,736.98	106.36	185.67	106.36	2.65	2.50	-1.00	
5,010.00	65.58	0.23	4,761.92	157.60	186.01	157.60	5.41	5.39	-0.54	
5,023.00	67.43	0.27	4,767.11	169.53	186.07	169.53	14.23	14.23	0.31	
5,043.00	70.11	0.58	4,774.35	188.17	186.20	188.17	13.48	13.40	1.55	
5,052.00	71.60	1.33	4,777.30	196.67	186.35	196.67	18.33	16.56	8.33	
5,099.00	75.16	1.90	4,790.74	241.68	187.62	241.68	7.66	7.57	1.21	
5,129.00	78.24	2.25	4,797.64	270.85	188.67	270.85	10.33	10.27	1.17	
5,147.00	79.65	1.86	4,801.09	288.50	189.31	288.50	8.12	7.83	-2.17	
5,183.00	77.41	2.34	4,808.25	323.76	190.60	323.76	6.36	-6.22	1.33	
5,230.00	81.36	2.69	4,816.91	369.90	192.63	369.90	8.44	8.40	0.74	
5,278.00	84.92	2.82	4,822.64	417.49	194.92	417.49	7.42	7.42	0.27	
5,325.00	90.95	1.72	4,824.33	464.40	196.78	464.40	13.04	12.83	-2.34	
5,373.00	91.74	1.02	4,823.20	512.38	197.92	512.38	2.20	1.65	-1.46	
5,468.00	90.37	0.89	4,821.46	607.35	199.51	607.35	1.45	-1.44	-0.14	
5,563.00	90.55	0.41	4,820.69	702.34	200.59	702.34	0.54	0.19	-0.51	
5,657.00	90.68	359.57	4,819.68	796.33	200.57	796.33	0.90	0.14	-0.89	
5,752.00	91.21	359.04	4,818.12	891.31	199.42	891.31	0.79	0.56	-0.56	
5,847.00	90.42	359.97	4,816.77	986.29	198.60	986.29	1.28	-0.83	0.98	
5,942.00	90.29	359.35	4,816.18	1,081.29	198.03	1,081.29	0.67	-0.14	-0.65	
6,009.00	90.51	359.13	4,815.71	1,148.28	197.14	1,148.28	0.46	0.33	-0.33	
6,036.00	90.20	359.04	4,815.54	1,175.28	196.71	1,175.28	1.20	-1.15	-0.33	
6,129.00	90.42	357.73	4,815.04	1,268.24	194.09	1,268.24	1.43	0.24	-1.41	
6,224.00	90.81	357.11	4,814.02	1,363.14	189.82	1,363.14	0.77	0.41	-0.65	
6,318.00	90.90	358.91	4,812.62	1,457.07	186.55	1,457.07	1.92	0.10	1.91	
6,414.00	91.38	358.96	4,810.71	1,553.03	184.77	1,553.03	0.50	0.50	0.05	
6,509.00	91.30	358.47	4,808.48	1,647.98	182.64	1,647.98	0.52	-0.08	-0.52	
6,604.00	91.34	358.21	4,806.30	1,742.91	179.89	1,742.91	0.28	0.04	-0.27	
6,699.00	91.34	358.21	4,804.07	1,837.84	176.92	1,837.84	0.00	0.00	0.00	



Company:	MACH RESOURCES	Local Co-ordinate Reference:	Well MOLZ SHKLAR 33/28-34-11 1H
Project:	BARBER CO. KANSAS (NAD27)	TVD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Site:	SEC 33-T34S-R11W	MD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Well:	MOLZ SHKLAR 33/28-34-11 1H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,794.00	90.86	358.08	4,802.25	1,932.77	173.85	1,932.77	0.52	-0.51	-0.14	
6,889.00	91.38	356.36	4,800.39	2,027.64	169.24	2,027.64	1.89	0.55	-1.81	
6,985.00	89.54	356.80	4,799.62	2,123.46	163.51	2,123.46	1.97	-1.92	0.46	
7,080.00	89.54	357.42	4,800.39	2,218.34	158.72	2,218.34	0.65	0.00	0.65	
7,175.00	89.23	357.86	4,801.41	2,313.25	154.81	2,313.25	0.57	-0.33	0.46	
7,270.00	89.32	357.77	4,802.61	2,408.17	151.19	2,408.17	0.13	0.09	-0.09	
7,365.00	90.29	357.46	4,802.93	2,503.09	147.24	2,503.09	1.07	1.02	-0.33	
7,459.00	91.08	356.41	4,801.81	2,596.95	142.21	2,596.95	1.40	0.84	-1.12	
7,554.00	89.98	355.66	4,800.93	2,691.71	135.64	2,691.71	1.40	-1.16	-0.79	
7,649.00	89.23	354.91	4,801.58	2,786.39	127.83	2,786.39	1.12	-0.79	-0.79	
7,743.00	91.69	353.90	4,800.83	2,879.93	118.67	2,879.93	2.83	2.62	-1.07	
7,838.00	89.19	351.62	4,800.10	2,974.16	106.70	2,974.16	3.56	-2.63	-2.40	
7,934.00	88.79	350.47	4,801.79	3,068.97	91.76	3,068.97	1.27	-0.42	-1.20	
7,981.00	88.00	350.04	4,803.11	3,115.27	83.81	3,115.27	1.91	-1.68	-0.91	
8,028.00	89.54	350.65	4,804.12	3,161.59	75.93	3,161.59	3.52	3.28	1.30	
8,059.00	90.37	351.09	4,804.14	3,192.20	71.01	3,192.20	3.03	2.68	1.42	
8,091.00	90.29	351.49	4,803.96	3,223.83	66.16	3,223.83	1.27	-0.25	1.25	
8,122.00	90.86	351.40	4,803.65	3,254.48	61.55	3,254.48	1.86	1.84	-0.29	
8,169.00	92.13	351.71	4,802.42	3,300.96	54.65	3,300.96	2.78	2.70	0.66	
8,217.00	92.44	350.91	4,800.51	3,348.37	47.40	3,348.37	1.79	0.65	-1.67	
8,264.00	92.97	350.34	4,798.29	3,394.69	39.76	3,394.69	1.66	1.13	-1.21	
8,311.00	92.92	349.68	4,795.87	3,440.91	31.61	3,440.91	1.41	-0.11	-1.40	
8,358.00	90.77	349.60	4,794.36	3,487.12	23.17	3,487.12	4.58	-4.57	-0.17	
8,406.00	90.95	350.78	4,793.64	3,534.41	14.99	3,534.41	2.49	0.38	2.46	
8,499.00	90.73	352.23	4,792.28	3,626.38	1.25	3,626.38	1.58	-0.24	1.56	
8,594.00	90.73	353.73	4,791.07	3,720.66	-10.36	3,720.66	1.58	0.00	1.58	
8,688.00	92.31	357.51	4,788.57	3,814.33	-17.53	3,814.33	4.36	1.68	4.02	
8,781.00	91.38	358.74	4,785.58	3,907.23	-20.57	3,907.23	1.66	-1.00	1.32	
8,876.00	89.93	358.91	4,784.49	4,002.20	-22.52	4,002.20	1.54	-1.53	0.18	
8,929.00	86.37	358.38	4,786.20	4,055.15	-23.77	4,055.15	6.79	-6.72	-1.00	
8,959.00	85.58	358.25	4,788.31	4,085.06	-24.65	4,085.06	2.67	-2.63	-0.43	
8,969.00	85.67	358.21	4,789.07	4,095.03	-24.96	4,095.03	0.98	0.90	-0.40	
9,000.00	87.74	358.43	4,790.85	4,125.96	-25.87	4,125.96	6.71	6.68	0.71	
9,032.00	89.98	358.91	4,791.49	4,157.95	-26.61	4,157.95	7.16	7.00	1.50	
9,063.00	90.29	358.78	4,791.42	4,188.94	-27.24	4,188.94	1.08	1.00	-0.42	
9,094.00	91.43	359.53	4,790.95	4,219.93	-27.69	4,219.93	4.40	3.68	2.42	
9,124.00	91.52	0.36	4,790.18	4,249.92	-27.72	4,249.92	2.78	0.30	2.77	
9,156.00	91.52	0.27	4,789.33	4,281.91	-27.55	4,281.91	0.28	0.00	-0.28	
9,203.00	92.66	0.14	4,787.61	4,328.88	-27.38	4,328.88	2.44	2.43	-0.28	
9,249.00	93.54	359.53	4,785.13	4,374.81	-27.51	4,374.81	2.33	1.91	-1.33	
9,281.00	92.40	359.53	4,783.47	4,406.77	-27.77	4,406.77	3.56	-3.56	0.00	
9,316.00	90.64	0.01	4,782.54	4,441.75	-27.91	4,441.75	5.21	-5.03	1.37	



Company:	MACH RESOURCES	Local Co-ordinate Reference:	Well MOLZ SHKLAR 33/28-34-11 1H
Project:	BARBER CO. KANSAS (NAD27)	TVD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Site:	SEC 33-T34S-R11W	MD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Well:	MOLZ SHKLAR 33/28-34-11 1H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,343.00	89.45	0.19	4,782.52	4,468.75	-27.86	4,468.75	4.46	-4.41	0.67	
9,375.00	89.10	0.32	4,782.92	4,500.75	-27.72	4,500.75	1.17	-1.09	0.41	
9,406.00	89.67	0.19	4,783.26	4,531.75	-27.58	4,531.75	1.89	1.84	-0.42	
9,437.00	90.07	0.14	4,783.33	4,562.74	-27.50	4,562.74	1.30	1.29	-0.16	
9,484.00	91.16	0.76	4,782.82	4,609.74	-27.13	4,609.74	2.67	2.32	1.32	
9,532.00	92.18	1.15	4,781.42	4,657.71	-26.33	4,657.71	2.27	2.13	0.81	
9,579.00	92.97	0.76	4,779.31	4,704.66	-25.54	4,704.66	1.87	1.68	-0.83	
9,625.00	93.10	359.92	4,776.88	4,750.59	-25.27	4,750.59	1.85	0.28	-1.83	
9,657.00	92.44	0.45	4,775.33	4,782.55	-25.17	4,782.55	2.64	-2.06	1.66	
9,694.00	91.47	0.85	4,774.07	4,819.53	-24.75	4,819.53	2.84	-2.62	1.08	
9,719.00	91.82	1.02	4,773.35	4,844.52	-24.34	4,844.52	1.56	1.40	0.68	
9,756.00	92.18	0.85	4,772.06	4,881.49	-23.74	4,881.49	1.08	0.97	-0.46	
9,787.00	91.21	359.57	4,771.14	4,912.47	-23.62	4,912.47	5.18	-3.13	-4.13	
9,813.00	90.11	359.40	4,770.84	4,938.47	-23.86	4,938.47	4.28	-4.23	-0.65	
9,860.00	89.54	359.18	4,770.99	4,985.47	-24.44	4,985.47	1.30	-1.21	-0.47	
9,908.00	89.93	0.01	4,771.21	5,033.46	-24.78	5,033.46	1.91	0.81	1.73	
9,955.00	90.46	359.57	4,771.05	5,080.46	-24.95	5,080.46	1.47	1.13	-0.94	
10,002.00	90.73	358.60	4,770.56	5,127.45	-25.70	5,127.45	2.14	0.57	-2.06	
10,096.00	91.91	358.43	4,768.40	5,221.40	-28.14	5,221.40	1.27	1.26	-0.18	
10,191.00	90.90	358.96	4,766.07	5,316.34	-30.30	5,316.34	1.20	-1.06	0.56	
10,286.00	90.29	0.36	4,765.08	5,411.33	-30.86	5,411.33	1.61	-0.64	1.47	
10,381.00	89.27	359.40	4,765.44	5,506.33	-31.06	5,506.33	1.47	-1.07	-1.01	
10,406.00	87.60	359.04	4,766.13	5,531.32	-31.40	5,531.32	6.83	-6.68	-1.44	
10,436.00	88.13	358.69	4,767.24	5,561.29	-32.00	5,561.29	2.12	1.77	-1.17	
10,476.00	90.07	359.97	4,767.87	5,601.28	-32.46	5,601.28	5.81	4.85	3.20	
10,508.00	91.74	0.71	4,767.37	5,633.27	-32.27	5,633.27	5.71	5.22	2.31	
10,539.00	93.23	1.11	4,766.02	5,664.24	-31.78	5,664.24	4.98	4.81	1.29	
10,571.00	93.71	1.02	4,764.09	5,696.17	-31.19	5,696.17	1.53	1.50	-0.28	
10,665.00	93.27	0.67	4,758.36	5,789.99	-29.81	5,789.99	0.60	-0.47	-0.37	
10,696.00	93.36	1.42	4,756.57	5,820.93	-29.24	5,820.93	2.43	0.29	2.42	
10,728.00	93.89	1.29	4,754.55	5,852.86	-28.49	5,852.86	1.71	1.66	-0.41	
10,745.00	94.15	1.20	4,753.36	5,869.81	-28.12	5,869.81	1.62	1.53	-0.53	
10,760.00	93.85	1.02	4,752.31	5,884.77	-27.83	5,884.77	2.33	-2.00	-1.20	
10,774.00	93.45	1.46	4,751.42	5,898.74	-27.53	5,898.74	4.24	-2.86	3.14	
10,790.00	92.88	0.93	4,750.54	5,914.71	-27.19	5,914.71	4.86	-3.56	-3.31	
10,853.00	87.65	0.63	4,750.24	5,977.69	-26.33	5,977.69	8.32	-8.30	-0.48	
10,947.00	89.36	1.20	4,752.70	6,071.64	-24.83	6,071.64	1.92	1.82	0.61	
11,036.00	89.27	1.72	4,753.76	6,160.60	-22.57	6,160.60	0.59	-0.10	0.58	
11,126.00	89.67	0.76	4,754.59	6,250.58	-20.62	6,250.58	1.16	0.44	-1.07	
11,216.00	90.51	0.67	4,754.45	6,340.57	-19.50	6,340.57	0.94	0.93	-0.10	
11,307.00	90.15	359.22	4,753.93	6,431.56	-19.58	6,431.56	1.64	-0.40	-1.59	
11,397.00	90.68	359.53	4,753.28	6,521.56	-20.56	6,521.56	0.68	0.59	0.34	



Company:	MACH RESOURCES	Local Co-ordinate Reference:	Well MOLZ SHKLAR 33/28-34-11 1H
Project:	BARBER CO. KANSAS (NAD27)	TVD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Site:	SEC 33-T34S-R11W	MD Reference:	1389' GL + 16' KB @ 1405.00usft (Original Well Elev)
Well:	MOLZ SHKLAR 33/28-34-11 1H	North Reference:	Grid
Wellbore:	ORIGINAL WELLPATH	Survey Calculation Method:	Minimum Curvature
Design:	ORIGINAL WELLPATH	Database:	1 - EDM Production

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,487.00	89.93	358.96	4,752.80	6,611.55	-21.75	6,611.55	1.05	-0.83	-0.63
11,576.00	90.59	357.55	4,752.39	6,700.50	-24.46	6,700.50	1.75	0.74	-1.58
11,667.00	90.42	358.56	4,751.59	6,791.44	-27.55	6,791.44	1.13	-0.19	1.11
11,756.00	91.03	357.95	4,750.46	6,880.39	-30.26	6,880.39	0.97	0.69	-0.69
11,846.00	90.81	357.73	4,749.02	6,970.32	-33.65	6,970.32	0.35	-0.24	-0.24
11,935.00	91.16	356.67	4,747.49	7,059.20	-38.00	7,059.20	1.25	0.39	-1.19
12,025.00	90.95	357.81	4,745.83	7,149.08	-42.33	7,149.08	1.29	-0.23	1.27
12,115.00	89.23	358.56	4,745.69	7,239.03	-45.18	7,239.03	2.08	-1.91	0.83
12,204.00	89.49	358.74	4,746.69	7,328.00	-47.28	7,328.00	0.36	0.29	0.20
12,294.00	90.24	357.81	4,746.90	7,417.95	-49.99	7,417.95	1.33	0.83	-1.03
12,383.00	89.54	359.04	4,747.07	7,506.92	-52.43	7,506.92	1.59	-0.79	1.38
12,473.00	89.23	359.62	4,748.03	7,596.91	-53.49	7,596.91	0.73	-0.34	0.64
12,563.00	89.80	359.22	4,748.80	7,686.90	-54.40	7,686.90	0.77	0.63	-0.44
LS: 12563' MD 4748.8' TVD									
12,628.00	89.80	359.22	4,749.02	7,751.89	-55.28	7,751.89	0.00	0.00	0.00
PTB: 12628' MD 4749.02' TVD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
12,563.00	4,748.80	7,686.90	-54.40	LS: 12563' MD 4748.8' TVD
12,628.00	4,749.02	7,751.89	-55.28	PTB: 12628' MD 4749.02' TVD

Checked By: _____ Approved By: _____ Date: _____



Prepared By: Tyler Howle

Molz Shklar 33/28-34-11 1H

Final 2/21/2024

Completion Procedure

Mississippi Formation

AFE#DC23126

Surface Location: 160' FSL and 1145' FEL in Section 33-34S-11W

Bottom Hole Location: 2752' FNL and 1168' FEL in Section 28-34S-11W

Latitude 37.036176 Longitude -98.516238

Barber County, KS

API #15-007-24492-01-00

KB: 16' AGL
GLE: 1389'
TD: 12628' MD (4748' TVD)
PBTD: 12129' MD (Landing Collar)

Casing Summary:

All Table Values Are Listed Without Safety Factor

Size	Depth (ft)	Weight #/ft	Grade PSI	Connection	ID (in)	Drift (in)	Burst (psi)	Collapse (psi)	Tension (lbs)	Capacity (bbl/ft)
9 5/8"	334'	36	J-55	LTC	8.921	8.765	3,520	2,020	453,000	0.0773
7"	5,144'	26	P-110	BPN	6.276	6.151	9,950	6,230	693,000	0.0383
4-1/2"	4995' - 12391'	13.5	P-110	BTC	3.920	3.795	12,410	10,670	422,000	0.0149
2-7/8"	TBD	6.5	J-55	EUE	2.441	2.347	7680	7260	99660	0.00579

Maximum allowable pressure during frac is 5,000 psi

Surface: 9 5/8" 36# J-55 LTC (50 bbl cement to surface)
Intermediate: 7" 26# P-110 BPN (Cemented w/ full returns.)
Prod Liner: 4-1/2" 13.5# P-110 BTC (OH packers, no cement)

Wellhead:

9-5/8" SOW X 11" 5k Casing Head (A Section)

Direction To Location:

From intersection of N 7th St and Main St in Kiowa, KS. West on Main St. 1.7 m, north 1.0 mi on Red Dust Rd.

Directional:

Horizontal well. KOP at 4156'. Build Section from 4156' - 5325' MD. TD at 12628' MD ; 4748' TVD. Average TVD in lateral is ~4782'.

Bottom Hole Location: 2752' FNL and 1168' FEL in Section 28-34S-11W

Heel hard line is 330' FSL. Toe Hard line is 330' FNL. Based on the final directional drilling survey, the wellbore does not cross either heel or toe hard line.

Current Well Status:

Newly drilled well ready for completion.

Objective:

Complete Mississippian lateral with 17 stages of OH packer/slickwater frac.

First Responder Emergency Contacts

Alfalfa/Woods County Emergency Contacts

	Kiowa	Alva
Fire	620-825-4886	580-328-5510
Ambulance	911 or 620-825-4112	911 or 580-327-2300
Sheriff	620-886-5678	580-327-3434

Hospital: Share Medical Center
Hwy 60. ~0.1 mi North and East of Hwy 270 and Hwy 60 Jct
Alva, OK 73717
ph: (580) 327-2800

Mach Emergency Contacts

Notify one of the individuals listed below, as soon as reasonably possible, for any injury incident requiring transport for medical attention, any incident which has impacted or has the potential to impact the public, any spill in excess of 10 bbl which has breached containment, or any property damage expected to exceed \$100,000. Continue notification attempts in sequential order until someone has been reached. Voicemail, email, and text are not acceptable means of notification.

<u>Contact</u>	<u>Cell Number</u>
Justin Flanagan	405-435-1100
Randy Summers	405-423-3367
Tyler Howle	405-234-0004
Clarence Watts	405-546-9694
Dustin Elmore	580-747-6691
Rick Hughes	405-249-0484

The **SAFETY** of **OUR TEAM** and the **PROTECTION** of **OUR ENVIRONMENT** is **OUR RESPONSIBILITY**

Stop work authority

- Each of us have not only the authority but the responsibility to stop any operation, at any time, if we feel the potential exists for either ourselves or our team to be exposed to unsafe conditions.
- No operation should be resumed until all involved are satisfied that it can be done safely.
- What if you saw an operation that you knew was unsafe, you decided to look the other way, and one of your team members was seriously injured or killed--how would that affect the rest of your life!

Accountability

- Working safely is something each of us must commit to do every day. It is our responsibility.
- Make it your priority to constantly be aware of hazards that could put your personal safety or the safety of our team at risk.
- If you or your team are working in an unsafe manner and have not improved behavior after counseling, you may be asked not to return to work.

Family Matters

- Serious injuries and fatalities have occurred in operations just like ours.
- It can happen to you.
- How would your family's lives be changed if you were no longer able to provide for them due to injury or death?

Evaluate

- Every job can be performed safely.
- Unnecessary risks are not to be taken to complete any job.
- Complete a job safety analysis prior to beginning any task. Take the time to ask what could happen? What can be done to ensure that the job will be completed without incident?

Pre Job Checklist:

- 1) Insure all ratholes and ditches used in the drilling operation have been filled and that location is free of slip/trip/fall hazards. Ensure portable toilets and trash trailers are made available as required. Keep location and surrounding areas free of debris. **Report any existing safety or environmental issues prior to beginning job.**
- 2) Install anchors and/or pull test as required. Install riser and ball valve with bull plug and 2000# gauge on surface casing to above ground level. **Open surface casing valve in cellar** and fill cellar as required to eliminate/minimize confined space risk.
- 3) Evaluate wellhead height and provide work platforms, man lifts, and fall protection as needed to provide safe access.
- 4) Check and monitor surface casing, intermediate casing, and tubing pressures. Record pressures on report daily.

Procedure

Frac Operations EH&S Focus

A high percentage of EH&S incidents in frac operations are related to RU and RD activity. Please focus on the following during frac ops:

- Ensuring that everyone understands they are responsible for their own safety plus the safety of those working around them
- Ensuring that everyone is familiar with and understands their responsibility regarding Stop Work Authority
- Ensuring that everyone is familiar with and understands the 10 Rules to Protect Ourselves and our Team
- Discuss the importance of wearing PPE, lifting hazards, chemical hazards, weather hazards, simultaneous operations hazards, overhead load hazards and live perf gun hazards during safety meetings and JSAs
- Keep all unnecessary personnel away from overhead loads, pressurized lines and perforating guns at all times
- Adjust work pace or shut down ops as weather conditions dictate (heat, cold, storms, etc)

Notify OCC 48 hours prior to beginning frac operations.

- 1) Set 8 frac tanks and 2 acid tanks on location. RU water transfer with transfer line(s) from the frac pit to the frac tanks on location. Be prepared to transfer fresh water at a rate of 65 bpm throughout frac. Inspect tanks and verify that caps are installed in all frac tanks prior to filling. Inspect tanks for leaks during and after filling and monitor for leaks from the time frac tanks are filled until emptied.
- 2) NU 7-1/16" 5k frac stack. Pressure test lines and frac head to 5,000 psi. Set electronic kick-out to 4,800 psi. **Maximum allowable surface pressure is 5,000 psi.**
- 3) **Open well and pressure up on casing to 2,500 psi. Hold 2 minutes. Increase pressure to 3,000 psi and hold 2 min (ensuring OH packers set). Increase pressure until P-sleeve shifts open (pinned to open ~4,000 psi).**

4) Frac the MISSISSIPPI (Stage 1) as follows:

NOTE: FR concentration should be kept as low as possible throughout job in order to obtain a minimum rate of 65 bpm. Do not exceed 0.75 gal/1000 concentration of FR without prior discussion with engineer.

STAGE 1

Top Perf @		12,129'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 2 ball according to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 2) as follows:

STAGE 2

Top Perf @		11,702'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 3 ball according to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 3) as follows:

STAGE 3

Top Perf @		11,233'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 4 ball according to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 4) as follows:

STAGE 4

Top Perf @		10,806'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 5 ball according to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 5) as follows:

STAGE 5

Top Perf @		10,378'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 6 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 6) as follows:

STAGE 6

Fluid	Top Perf @		9,909'		Prop	Prop Con	Prop, lbs	Time, min
	Rate	Vol, gal	Vol, bbl					
Slickwater	20	2,500	60				0.7	
15% HCL	80	1,000	24				0.3	
Slickwater	100	124,200	2957				37.0	
TOTAL		127,700	3,040			-	38	

Drop Stage 7 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 7) as follows:

STAGE 7

Fluid	Top Perf @		9,476'		Prop	Prop Con	Prop, lbs	Time, min
	Rate	Vol, gal	Vol, bbl					
Slickwater	20	2,500	60				0.7	
15% HCL	80	1,000	24				0.3	
Slickwater	100	124,200	2957				37.0	
TOTAL		127,700	3,040			-	38	

Drop Stage 8 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 8) as follows:

STAGE 8

Fluid	Top Perf @		9,043'		Prop	Prop Con	Prop, lbs	Time, min
	Rate	Vol, gal	Vol, bbl					
Slickwater	20	2,500	60				0.7	
15% HCL	80	1,000	24				0.3	
Slickwater	100	124,200	2957				37.0	
TOTAL		127,700	3,040			-	38	

Drop Stage 9 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 9) as follows:

STAGE 9

Fluid	Top Perf @		8,575'		Prop	Prop Con	Prop, lbs	Time, min
	Rate	Vol, gal	Vol, bbl					
Slickwater	20	2,500	60				0.7	
15% HCL	80	1,000	24				0.3	
Slickwater	100	124,200	2957				37.0	
TOTAL		127,700	3,040			-	38	

Drop Stage 10 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 10) as follows:

STAGE 10

Fluid	Top Perf @		8,147'		Prop	Prop Con	Prop, lbs	Time, min
	Rate	Vol, gal	Vol, bbl					
Slickwater	20	2,500	60				0.7	
15% HCL	80	1,000	24				0.3	
Slickwater	100	124,200	2957				37.0	
TOTAL		127,700	3,040			-	38	

Drop Stage 11 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 11) as follows:

STAGE 11

Fluid	Top Perf @		7,678'		Prop	Prop Con	Prop, lbs	Time, min
	Rate	Vol, gal	Vol, bbl					
Slickwater	20	2,500	60				0.7	
15% HCL	80	1,000	24				0.3	
Slickwater	100	124,200	2957				37.0	
TOTAL		127,700	3,040			-	38	

Drop Stage 12 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 12) as follows:

STAGE 12

Top Perf @		7,251'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 13 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 13) as follows:

STAGE 13

Top Perf @		6,782'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 14 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 14) as follows:

STAGE 14

Top Perf @		6,355'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 15 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 15) as follows:

Top Perf @		5,927'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 16 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 16) as follows:

Top Perf @		5,458'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Drop Stage 17 ball accroding to packer sheet. Drop rate to 10 bpm 50 bbls before seating ball.

Frac the MISSISSIPPI (Stage 17) as follows:

Top Perf @		5,031'					
Fluid	Rate	Vol, gal	Vol, bbl	Prop	Prop Con	Prop, lbs	Time, min
Slickwater	20	2,500	60				0.7
15% HCL	80	1,000	24				0.3
Slickwater	100	124,200	2957				37.0
TOTAL		127,700	3,040			-	38

Total Frac Job Volumes: 51,688 bbls - lbs

5) RDMO frac crew. Release all support equipment not needed during tube-up.

Well Service Unit Operations EH&S Focus

WSU operations account for a high percentage of EH&S incidents in Miss completion operations. Please focus on the following prior to and during WSU ops:

- Ensuring that everyone understands they are responsible for their own safety plus the safety of those working around them
- Ensuring that everyone is familiar with and understands their responsibility regarding Stop Work Authority
- Ensuring that everyone is familiar with and understands the 10 Rules to Protect Ourselves and our Team
- Conducting rig inspections and correcting any deficiencies identified
- Adjusting work pace or shut down ops as weather conditions dictate (heat, cold, storms, etc)

6) Set and/or pull test rig anchors as required. MIRU WSU and supporting equipment.

7) Unload and talley +/- 4,970' of 2-7/8" 6.5# L-80 EUE tbg.

8) TIH with ESP as per designed. (Bottom of ESP at +/-4,970')

9) NU 7-1/16" 5k x 2-7/8" 5k production tree.

10) Send flowback reports to flowback distribution list at the following times: 6 am, 1 pm, and 9 pm.

Lease :	Moiz Shklar 33/28-34-11 1H										
API No:	15-007-24492-01-00										
	Size	Weight	Grade	Thread	Depth (ft)	ID (in)	Drift	Collapse	Burst	BBL/Ft	
KB :	16'	9 5/8"	36.0	J-55	LTC	334	8.921	8.765	2020	3520	0.0773
GL:	1,389'	7"	26.0	P-110	BPN	5144	6.276	6.151	6230	9950	0.0383
Legals :											
		4-1/2"	13.5	P-110	BTC	4995' - 12391'	3.920	3.795	10670	12410	0.0149
County:	Barber										
State:	KS										
Spud:		Size	Weight	Grade	Thread	Depth	ID	Drift	Collapse	Burst	BBL/Ft
RR:		2-7/8"	6.5	J-55	EUE	TBD	2.441	2.347	7680	7260	0.00579
Latitude:	37.036176000										
Longitude:	-98.516238000										

Current WBD xx/xx/15 TJH

Key Depths (ft)	
TD	12,628
TVD	4,782
PBTD	12,129
Kick Off Points	4,156
Landing Point	5,325
Radius of Curve	744
EST. top of Cement	
Comments on the Cement Job	

Highlights

Est. BHT	130	F
Est. BHP	1,674	psi
Completed Lat Length	7,484	ft
Fluid in the wellbore	8.33	ppg Water

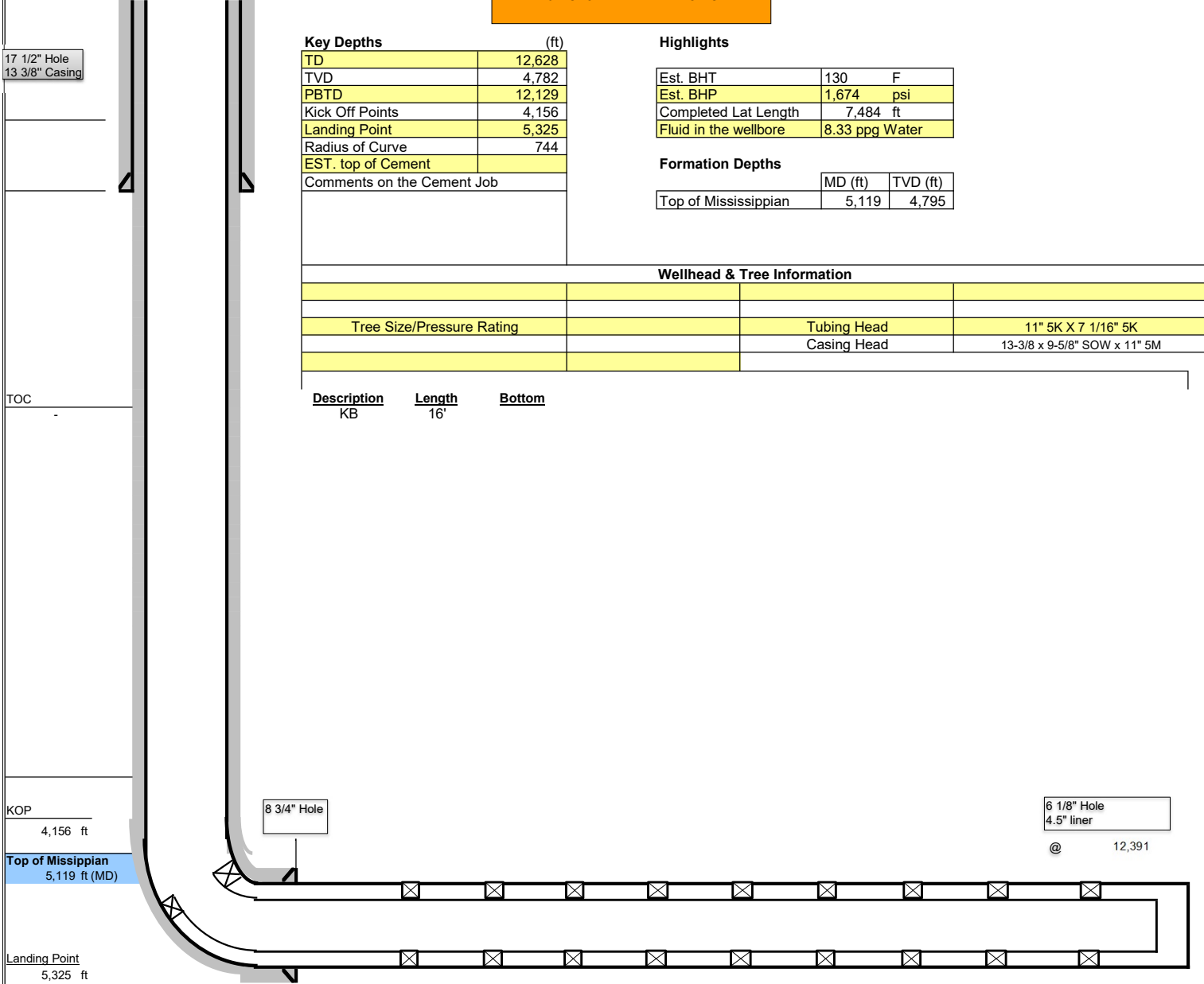
Formation Depths

	MD (ft)	TVD (ft)
Top of Mississippian	5,119	4,795

Wellhead & Tree Information

Tree Size/Pressure Rating	Tubing Head	11" 5K X 7 1/16" 5K
	Casing Head	13-3/8 x 9-5/8" SOW x 11" 5M

Description	Length	Bottom
KB	16'	



TD: 12,628 ft
PBTD: 12,129 ft
TVD: 4,782 ft

	Designed			Actual	Ball	Stage
	Bottom	Length	Top			
TD	12,628'					
P-Sleeve #1	12,392'	3'	12,389'	12,129'		1
Packer #1	12,169'	4'	12,165'	11,915'		
Sleeve #2	11,949'	4'	11,945'	11,702'	2.688"	2
Packer #2	11,725'	4'	11,721'	11,446'		
Sleeve #3	11,505'	4'	11,501'	11,233'	2.750"	3
Packer #3	11,281'	4'	11,277'	11,019'		
Sleeve #4	11,061'	4'	11,057'	10,806'	2.813"	4
Packer #4	10,837'	4'	10,833'	10,592'		
Sleeve #5	10,617'	4'	10,613'	10,378'	2.875"	5
Packer #5	10,393'	4'	10,389'	10,122'		
Sleeve #6	10,173'	4'	10,169'	9,909'	2.938"	6
Packer #6	9,949'	4'	9,944'	9,695'		
Sleeve #7	9,729'	4'	9,725'	9,476'	3.000"	7
Packer #7	9,504'	4'	9,500'	9,256'		
Sleeve #8	9,284'	4'	9,280'	9,043'	3.063"	8
Packer #8	9,060'	4'	9,056'	8,788'		
Sleeve #9	8,840'	4'	8,836'	8,575'	3.125"	9
Packer #9	8,616'	4'	8,612'	8,361'		
Sleeve #10	8,396'	4'	8,392'	8,147'	3.188"	10
Packer #10	8,172'	4'	8,168'	7,891'		
Sleeve #11	7,952'	4'	7,948'	7,678'	3.250"	11
Packer #11	7,728'	4'	7,724'	7,464'		
Sleeve #12	7,508'	4'	7,504'	7,251'	3.312"	12
Packer #12	7,284'	4'	7,280'	7,037'		
Sleeve #13	7,064'	4'	7,060'	6,782'	3.375"	13
Packer #13	6,840'	4'	6,836'	6,568'		
Sleeve #14	6,620'	4'	6,616'	6,355'	3.437"	14
Packer #14	6,396'	4'	6,392'	6,141'		
Sleeve #15	6,176'	4'	6,172'	5,927'	3.500"	15
Packer #14	5,952'	4'	5,947'	5,671'		
Sleeve #16	5,732'	4'	5,728'	5,458'	3.563"	16
Packer #14	5,507'	4'	5,503'	5,244'		
Sleeve #17	5,287'	4'	5,283'	5,031'	3.625"	17
7" Shoe	5,144'					

Directional Survey Calculations	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10476	161	4203
BHL	12628	89.80	359.22	4749.02	7751.89	-55.28	7751.89	0.00	2725	7912	4181	1168
Mississippian Entry	5119	77.21	2.13	4795.34	261.13	188.32	261.13	9.44	10212	422	4392	956
Top OH	5144	79.42	1.93	4800.52	285.56	189.20	285.56	8.49	10187	447	4393	955
Bottom OH	12628	89.80	359.22	4749.02	7751.89	-55.28	7751.89	0.00	2725	7912	4181	1168

Survey Points	X	Y	m
NW Corner XY Coord	1991011	145096	North Line slope -0.017196262
SW Corner XY Coord	1991058	134395	East Line slope -0.004237288
NE Corner XY Coord	1996361	145004	South Line slope -0.002056844
SE Corner XY Coord	1996406	134384	West Line slope -0.004392113
Surface XY	1995260	134547	

Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (deg)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
								10476	161	4203	1145
224.00	0.40	123.54	224.00	-0.43	0.65	-0.43	0.18	10476	160	4203	1145
283.00	0.75	105.92	283.00	-0.65	1.19	-0.65	0.66	10477	160	4204	1144
350.00	0.92	103.55	349.99	-0.90	2.14	-0.90	0.26	10477	160	4205	1143
404.00	1.80	121.74	403.97	-1.45	3.28	-1.45	1.80	10477	159	4206	1142
495.00	4.97	128.42	494.80	-4.65	7.59	-4.65	3.50	10480	156	4210	1138
585.00	6.37	137.16	584.36	-10.73	14.04	-10.73	1.82	10486	150	4217	1131
673.00	8.26	147.80	671.65	-19.66	20.73	-19.66	2.63	10495	141	4223	1125
764.00	9.76	154.87	761.52	-32.18	27.48	-32.18	2.05	10508	129	4230	1118
853.00	9.10	155.80	849.32	-45.43	33.57	-45.43	0.76	10521	115	4236	1112
948.00	8.00	151.80	943.26	-58.11	39.78	-58.11	1.32	10533	103	4242	1106
1,036.00	6.90	148.11	1,030.52	-67.99	45.46	-67.99	1.36	10543	93	4248	1100
1,126.00	7.91	144.41	1,119.77	-77.62	51.92	-77.62	1.24	10553	83	4254	1094
1,217.00	7.96	146.35	1,209.90	-87.95	59.06	-87.95	0.30	10563	73	4261	1087
1,306.00	8.75	155.05	1,297.96	-99.22	65.33	-99.22	1.67	10574	62	4268	1080
1,396.00	8.84	152.37	1,386.90	-111.56	71.43	-111.56	0.47	10586	49	4274	1074
1,485.00	8.79	152.46	1,474.85	-123.64	77.74	-123.64	0.06	10598	37	4280	1068
1,575.00	9.10	151.18	1,563.75	-135.98	84.35	-135.98	0.41	10610	25	4286	1062
1,664.00	9.76	150.61	1,651.55	-148.72	91.45	-148.72	0.75	10623	12	4293	1054
1,753.00	8.84	156.54	1,739.38	-161.56	97.87	-161.56	1.49	10636	-1	4300	1048
1,844.00	8.09	155.45	1,829.39	-173.80	103.32	-173.80	0.84	10648	-13	4305	1043
1,938.00	7.30	152.76	1,922.54	-185.13	108.80	-185.13	0.92	10659	-24	4311	1037
2,031.00	8.22	153.78	2,014.69	-196.35	114.44	-196.35	1.00	10670	-35	4316	1032
2,126.00	7.91	153.64	2,108.75	-208.30	120.34	-208.30	0.33	10682	-47	4322	1026
2,220.00	7.52	151.05	2,201.90	-219.47	126.19	-219.47	0.56	10693	-59	4328	1020
2,315.00	7.87	147.01	2,296.04	-230.37	132.74	-230.37	0.68	10704	-69	4334	1014
2,410.00	8.62	148.55	2,390.06	-241.90	140.00	-241.90	0.82	10715	-81	4342	1006
2,504.00	10.02	154.79	2,482.82	-255.31	147.16	-255.31	1.83	10729	-94	4349	999
2,598.00	9.14	154.83	2,575.51	-269.46	153.82	-269.46	0.94	10743	-109	4355	993
2,693.00	8.13	153.60	2,669.43	-282.31	160.01	-282.31	1.08	10755	-121	4361	986
2,787.00	6.59	152.41	2,762.65	-293.04	165.46	-293.04	1.65	10766	-132	4367	981
2,881.00	7.03	145.65	2,855.99	-302.57	171.21	-302.57	0.97	10776	-142	4373	975
2,975.00	5.67	140.37	2,949.41	-310.90	177.42	-310.90	1.57	10784	-150	4379	969
3,070.00	4.84	140.24	3,044.01	-317.60	182.97	-317.60	0.87	10790	-157	4384	964
3,164.00	4.53	135.63	3,137.70	-323.30	188.11	-323.30	0.52	10796	-162	4389	959
3,258.00	4.09	156.06	3,231.44	-329.01	192.06	-329.01	1.69	10802	-168	4393	955
3,353.00	3.47	183.00	3,326.24	-334.98	193.29	-334.98	1.96	10808	-174	4394	953
3,448.00	2.86	180.23	3,421.09	-340.22	193.13	-340.22	0.66	10813	-179	4394	954
3,542.00	2.37	177.07	3,514.99	-344.51	193.22	-344.51	0.54	10817	-183	4394	954
3,636.00	0.44	204.05	3,608.96	-346.78	193.17	-346.78	2.11	10819	-186	4394	954
3,729.00	0.57	197.94	3,701.96	-347.55	192.88	-347.55	0.15	10820	-187	4394	954
3,824.00	0.66	189.37	3,796.95	-348.54	192.65	-348.54	0.14	10821	-187	4394	954
3,917.00	0.40	200.80	3,889.95	-349.37	192.44	-349.37	0.30	10822	-188	4394	954
4,012.00	0.40	174.34	3,984.95	-350.01	192.36	-350.01	0.19	10823	-189	4393	954
4,102.00	0.48	168.15	4,074.94	-350.69	192.47	-350.69	0.10	10823	-190	4394	954
4,156.00	1.58	9.37	4,128.94	-350.18	192.63	-350.18	3.77	10823	-189	4394	954
4,197.00	7.52	357.42	4,169.79	-346.94	192.61	-346.94	14.59	10820	-186	4394	954
4,244.00	13.36	358.38	4,215.99	-338.43	192.31	-338.43	12.43	10811	-177	4393	954
4,291.00	17.93	358.43	4,261.24	-325.76	191.96	-325.76	9.72	10798	-165	4393	955
4,338.00	20.92	354.52	4,305.56	-310.17	190.96	-310.17	6.93	10783	-149	4392	956
4,386.00	24.04	354.74	4,349.91	-291.90	189.25	-291.90	6.50	10765	-131	4391	957
4,433.00	28.00	354.74	4,392.14	-271.38	187.36	-271.38	8.43	10744	-110	4389	959

4,481.00	33.01	356.32	4,433.48	-247.09	185.48	-247.09	10.57	10720	-86	4387	961
4,528.00	36.84	356.93	4,472.01	-220.24	183.91	-220.24	8.18	10693	-59	4386	962
4,576.00	39.78	357.95	4,509.67	-190.51	182.59	-190.51	6.26	10663	-29	4384	964
4,623.00	42.90	359.53	4,544.95	-159.48	181.92	-159.48	7.00	10632	2	4384	964
4,672.00	46.15	0.58	4,579.88	-125.13	181.96	-125.13	6.80	10598	36	4384	964
4,690.00	46.95	0.45	4,592.26	-112.06	182.08	-112.06	4.48	10585	49	4384	964
4,719.00	49.10	0.67	4,611.66	-90.50	182.29	-90.50	7.44	10563	71	4385	963
4,767.00	52.92	1.24	4,641.85	-53.21	182.91	-53.21	8.01	10526	108	4385	963
4,814.00	57.32	1.24	4,668.72	-14.67	183.75	-14.67	9.36	10487	146	4386	962
4,834.00	59.03	1.37	4,679.27	2.32	184.14	2.32	8.57	10470	163	4387	961
4,862.00	60.31	0.67	4,693.41	26.48	184.56	26.48	5.06	10446	188	4387	961
4,909.00	61.41	0.98	4,716.29	67.53	185.16	67.53	2.41	10405	229	4388	960
4,953.00	62.51	0.54	4,736.98	106.36	185.67	106.36	2.65	10366	267	4389	959
5,010.00	65.58	0.23	4,761.92	157.60	186.01	157.60	5.41	10315	319	4389	959
5,023.00	67.43	0.27	4,767.10	169.53	186.07	169.53	14.23	10303	331	4389	959
5,043.00	70.11	0.58	4,774.35	188.17	186.20	188.17	13.48	10285	349	4390	958
5,052.00	71.60	1.33	4,777.30	196.67	186.35	196.67	18.33	10276	358	4390	958
5,099.00	75.16	1.90	4,790.74	241.68	187.62	241.68	7.66	10231	403	4391	957
5,129.00	78.24	2.25	4,797.64	270.85	188.67	270.85	10.33	10202	432	4393	955
5,147.00	79.65	1.86	4,801.09	288.50	189.31	288.50	8.12	10184	450	4393	955
5,183.00	77.41	2.34	4,808.25	323.76	190.60	323.76	6.36	10149	485	4395	953
5,230.00	81.36	2.69	4,816.91	369.90	192.63	369.90	8.44	10103	531	4397	951
5,278.00	84.92	2.82	4,822.64	417.49	194.92	417.49	7.42	10055	579	4399	949
5,325.00	90.95	1.72	4,824.33	464.40	196.78	464.40	13.04	10008	625	4401	947
5,373.00	91.74	1.02	4,823.20	512.38	197.92	512.38	2.20	9960	673	4403	945
5,468.00	90.37	0.89	4,821.46	607.35	199.51	607.35	1.45	9865	768	4405	943
5,563.00	90.55	0.41	4,820.69	702.34	200.59	702.34	0.54	9770	863	4406	942
5,657.00	90.68	359.57	4,819.68	796.33	200.57	796.33	0.90	9676	957	4407	941
5,752.00	91.21	359.04	4,818.12	891.31	199.42	891.31	0.79	9581	1052	4406	942
5,847.00	90.42	359.97	4,816.77	986.29	198.60	986.29	1.28	9486	1147	4406	943
5,942.00	90.29	359.35	4,816.18	1,081.29	198.03	1,081.29	0.67	9391	1242	4405	943
6,009.00	90.51	359.13	4,815.71	1,148.28	197.14	1,148.28	0.46	9324	1309	4405	943
6,036.00	90.20	359.04	4,815.54	1,175.28	196.71	1,175.28	1.20	9297	1336	4405	944
6,129.00	90.42	357.73	4,815.04	1,268.24	194.09	1,268.24	1.43	9204	1429	4402	946
6,224.00	90.81	357.11	4,814.02	1,363.14	189.82	1,363.14	0.77	9110	1524	4398	950
6,318.00	90.90	358.91	4,812.62	1,457.06	186.55	1,457.06	1.92	9016	1618	4396	953
6,414.00	91.38	358.96	4,810.71	1,553.03	184.77	1,553.03	0.50	8920	1714	4394	954
6,509.00	91.30	358.47	4,808.48	1,647.98	182.64	1,647.98	0.52	8825	1809	4393	956
6,604.00	91.34	358.21	4,806.30	1,742.91	179.89	1,742.91	0.28	8730	1904	4390	958
6,699.00	91.34	358.21	4,804.07	1,837.84	176.92	1,837.84	0.00	8635	1999	4388	961
6,794.00	90.86	358.08	4,802.25	1,932.77	173.85	1,932.77	0.52	8540	2094	4385	963
6,889.00	91.38	356.36	4,800.39	2,027.64	169.24	2,027.64	1.89	8445	2189	4381	967
6,985.00	89.54	356.80	4,799.62	2,123.46	163.51	2,123.46	1.97	8350	2284	4376	973
7,080.00	89.54	357.42	4,800.39	2,218.34	158.72	2,218.34	0.65	8255	2379	4371	977
7,175.00	89.23	357.86	4,801.41	2,313.25	154.81	2,313.25	0.57	8160	2474	4368	981
7,270.00	89.32	357.77	4,802.61	2,408.17	151.19	2,408.17	0.13	8065	2569	4364	984
7,365.00	90.29	357.46	4,802.93	2,503.09	147.24	2,503.09	1.07	7970	2664	4361	987
7,459.00	91.08	356.41	4,801.81	2,596.95	142.21	2,596.95	1.40	7877	2758	4356	992
7,554.00	89.98	355.66	4,800.93	2,691.71	135.64	2,691.71	1.40	7782	2853	4350	998
7,649.00	89.23	354.91	4,801.58	2,786.39	127.83	2,786.39	1.12	7687	2947	4343	1006
7,743.00	91.69	353.90	4,800.83	2,879.93	118.67	2,879.93	2.83	7594	3041	4334	1014
7,838.00	89.19	351.62	4,800.10	2,974.16	106.70	2,974.16	3.56	7500	3135	4322	1026
7,934.00	88.79	350.47	4,801.79	3,068.97	91.76	3,068.97	1.27	7405	3230	4308	1041
7,981.00	88.00	350.04	4,803.11	3,115.27	83.81	3,115.27	1.91	7359	3276	4300	1048
8,028.00	89.54	350.65	4,804.12	3,161.59	75.93	3,161.59	3.52	7313	3322	4292	1056
8,059.00	90.37	351.09	4,804.14	3,192.20	71.01	3,192.20	3.03	7283	3353	4288	1061
8,091.00	90.29	351.49	4,803.96	3,223.83	66.16	3,223.83	1.27	7251	3385	4283	1065
8,122.00	90.86	351.40	4,803.65	3,254.48	61.55	3,254.48	1.86	7220	3415	4279	1070
8,169.00	92.13	351.71	4,802.42	3,300.96	54.65	3,300.96	2.78	7174	3462	4272	1077
8,217.00	92.44	350.91	4,800.51	3,348.37	47.40	3,348.37	1.79	7127	3509	4265	1084
8,264.00	92.97	350.34	4,798.29	3,394.69	39.76	3,394.69	1.66	7081	3555	4257	1091
8,311.00	92.92	349.68	4,795.87	3,440.91	31.61	3,440.91	1.41	7034	3602	4249	1099
8,358.00	90.77	349.60	4,794.36	3,487.12	23.17	3,487.12	4.58	6988	3648	4241	1107
8,406.00	90.95	350.78	4,793.64	3,534.41	14.99	3,534.41	2.49	6941	3695	4233	1115
8,499.00	90.73	352.23	4,792.28	3,626.38	1.25	3,626.38	1.58	6850	3787	4220	1129
8,594.00	90.73	353.73	4,791.07	3,720.66	-10.36	3,720.66	1.58	6755	3881	4209	1140
8,688.00	92.31	357.51	4,788.57	3,814.33	-17.53	3,814.33	4.36	6662	3975	4202	1147
8,781.00	91.38	358.74	4,785.58	3,907.23	-20.57	3,907.23	1.66	6569	4068	4199	1149
8,876.00	89.93	358.91	4,784.49	4,002.20	-22.52	4,002.20	1.54	6474	4163	4198	1151

8,929.00	86.37	358.38	4,786.20	4,055.15	-23.77	4,055.15	6.79	6421	4216	4197	1152
8,959.00	85.58	358.25	4,788.31	4,085.06	-24.65	4,085.06	2.67	6391	4246	4196	1153
8,969.00	85.67	358.21	4,789.07	4,095.03	-24.96	4,095.03	0.98	6381	4256	4196	1153
9,000.00	87.74	358.43	4,790.85	4,125.96	-25.87	4,125.96	6.71	6350	4287	4195	1154
9,032.00	89.98	358.91	4,791.49	4,157.95	-26.61	4,157.95	7.16	6318	4319	4194	1154
9,063.00	90.29	358.78	4,791.42	4,188.94	-27.24	4,188.94	1.08	6287	4350	4194	1155
9,094.00	91.43	359.53	4,790.95	4,219.93	-27.69	4,219.93	4.40	6256	4381	4194	1155
9,124.00	91.52	0.36	4,790.18	4,249.92	-27.72	4,249.92	2.78	6226	4411	4194	1155
9,156.00	91.52	0.27	4,789.33	4,281.91	-27.55	4,281.91	0.28	6194	4442	4194	1155
9,203.00	92.66	0.14	4,787.61	4,328.88	-27.38	4,328.88	2.44	6148	4489	4194	1154
9,249.00	93.54	359.53	4,785.13	4,374.81	-27.51	4,374.81	2.33	6102	4535	4194	1154
9,281.00	92.40	359.53	4,783.47	4,406.76	-27.77	4,406.76	3.56	6070	4567	4194	1154
9,316.00	90.64	0.01	4,782.54	4,441.75	-27.91	4,441.75	5.21	6035	4602	4194	1154
9,343.00	89.45	0.19	4,782.52	4,468.75	-27.86	4,468.75	4.46	6008	4629	4194	1154
9,375.00	89.10	0.32	4,782.92	4,500.75	-27.72	4,500.75	1.17	5976	4661	4195	1154
9,406.00	89.67	0.19	4,783.26	4,531.75	-27.58	4,531.75	1.89	5945	4692	4195	1154
9,437.00	90.07	0.14	4,783.33	4,562.74	-27.50	4,562.74	1.30	5914	4723	4195	1153
9,484.00	91.16	0.76	4,782.82	4,609.74	-27.13	4,609.74	2.67	5867	4770	4196	1153
9,532.00	92.18	1.15	4,781.42	4,657.71	-26.33	4,657.71	2.27	5819	4818	4197	1152
9,579.00	92.97	0.76	4,779.31	4,704.66	-25.54	4,704.66	1.87	5772	4865	4198	1151
9,625.00	93.10	359.92	4,776.88	4,750.59	-25.27	4,750.59	1.85	5726	4911	4198	1150
9,657.00	92.44	0.45	4,775.33	4,782.55	-25.17	4,782.55	2.64	5694	4943	4199	1150
9,694.00	91.47	0.85	4,774.07	4,819.53	-24.75	4,819.53	2.84	5657	4980	4199	1150
9,719.00	91.82	1.02	4,773.35	4,844.52	-24.34	4,844.52	1.56	5632	5005	4200	1149
9,756.00	92.18	0.85	4,772.06	4,881.49	-23.74	4,881.49	1.08	5595	5042	4200	1148
9,787.00	91.21	359.57	4,771.14	4,912.47	-23.62	4,912.47	5.18	5564	5073	4201	1148
9,813.00	90.11	359.40	4,770.84	4,938.47	-23.86	4,938.47	4.28	5538	5099	4201	1148
9,860.00	89.54	359.18	4,770.99	4,985.47	-24.44	4,985.47	1.30	5491	5146	4200	1149
9,908.00	89.93	0.01	4,771.21	5,033.46	-24.78	5,033.46	1.91	5443	5194	4200	1149
9,955.00	90.46	359.57	4,771.05	5,080.46	-24.95	5,080.46	1.47	5396	5241	4200	1149
10,002.00	90.73	358.60	4,770.56	5,127.45	-25.70	5,127.45	2.14	5349	5288	4199	1149
10,096.00	91.91	358.43	4,768.40	5,221.40	-28.14	5,221.40	1.27	5255	5382	4197	1151
10,191.00	90.90	358.96	4,766.07	5,316.34	-30.30	5,316.34	1.20	5160	5477	4196	1153
10,286.00	90.29	0.36	4,765.08	5,411.33	-30.86	5,411.33	1.61	5065	5572	4196	1153
10,381.00	89.27	359.40	4,765.44	5,506.33	-31.06	5,506.33	1.47	4970	5667	4196	1153
10,406.00	87.60	359.04	4,766.13	5,531.32	-31.40	5,531.32	6.83	4945	5692	4196	1153
10,436.00	88.13	358.69	4,767.24	5,561.29	-32.00	5,561.29	2.12	4915	5722	4195	1154
10,476.00	90.07	359.97	4,767.87	5,601.28	-32.46	5,601.28	5.81	4875	5762	4195	1154
10,508.00	91.74	0.71	4,767.37	5,633.27	-32.27	5,633.27	5.71	4843	5794	4195	1154
10,539.00	93.23	1.11	4,766.02	5,664.24	-31.78	5,664.24	4.98	4812	5825	4196	1153
10,571.00	93.71	1.02	4,764.09	5,696.17	-31.19	5,696.17	1.53	4780	5857	4196	1152
10,665.00	93.27	0.67	4,758.36	5,789.99	-29.81	5,789.99	0.60	4686	5951	4198	1151
10,696.00	93.36	1.42	4,756.57	5,820.93	-29.24	5,820.93	2.43	4656	5982	4199	1150
10,728.00	93.89	1.29	4,754.55	5,852.86	-28.49	5,852.86	1.71	4624	6013	4200	1149
10,745.00	94.15	1.20	4,753.36	5,869.81	-28.12	5,869.81	1.62	4607	6030	4200	1149
10,760.00	93.85	1.02	4,752.31	5,884.77	-27.83	5,884.77	2.33	4592	6045	4201	1148
10,774.00	93.45	1.46	4,751.42	5,898.74	-27.52	5,898.74	4.24	4578	6059	4201	1148
10,790.00	92.88	0.93	4,750.54	5,914.71	-27.19	5,914.71	4.86	4562	6075	4201	1147
10,853.00	87.65	0.63	4,750.24	5,977.69	-26.33	5,977.69	8.32	4499	6138	4203	1146
10,947.00	89.36	1.20	4,752.70	6,071.64	-24.83	6,071.64	1.92	4405	6232	4205	1144
11,036.00	89.27	1.72	4,753.76	6,160.60	-22.57	6,160.60	0.59	4316	6321	4207	1142
11,126.00	89.67	0.76	4,754.59	6,250.58	-20.62	6,250.58	1.16	4226	6411	4210	1139
11,216.00	90.51	0.67	4,754.45	6,340.57	-19.50	6,340.57	0.94	4136	6501	4211	1138
11,307.00	90.15	359.22	4,753.93	6,431.56	-19.58	6,431.56	1.64	4045	6592	4211	1138
11,397.00	90.68	359.53	4,753.28	6,521.56	-20.56	6,521.56	0.68	3955	6682	4211	1138
11,487.00	89.93	358.96	4,752.80	6,611.55	-21.75	6,611.55	1.05	3865	6772	4210	1139
11,576.00	90.59	357.55	4,752.39	6,700.50	-24.46	6,700.50	1.75	3776	6861	4208	1141
11,667.00	90.42	358.56	4,751.59	6,791.44	-27.55	6,791.44	1.13	3685	6952	4205	1144
11,756.00	91.03	357.95	4,750.46	6,880.39	-30.26	6,880.39	0.97	3596	7041	4203	1146
11,846.00	90.81	357.73	4,749.02	6,970.32	-33.65	6,970.32	0.35	3506	7131	4200	1149
11,935.00	91.16	356.67	4,747.49	7,059.20	-38.00	7,059.20	1.25	3417	7220	4196	1153
12,025.00	90.95	357.81	4,745.83	7,149.08	-42.33	7,149.08	1.29	3328	7310	4192	1157
12,115.00	89.23	358.56	4,745.69	7,239.03	-45.18	7,239.03	2.08	3238	7400	4189	1160
12,204.00	89.49	358.74	4,746.69	7,328.00	-47.28	7,328.00	0.36	3149	7489	4188	1162
12,294.00	90.24	357.81	4,746.90	7,417.95	-49.99	7,417.95	1.33	3059	7578	4185	1164
12,383.00	89.54	359.04	4,747.07	7,506.92	-52.43	7,506.92	1.59	2970	7667	4183	1166
12,473.00	89.23	359.62	4,748.03	7,596.91	-53.49	7,596.91	0.73	2880	7757	4183	1167
12,563.00	89.80	359.22	4,748.80	7,686.90	-54.40	7,686.90	0.77	2790	7847	4182	1167
12,628.00	89.80	359.22	4,749.02	7,751.89	-55.28	7,751.89	0.00	2725	7912	4181	1168

BCE-Mach III LLC
Molz Shklar 33/28-34-11 1H
Barber
1/29/2024
Surface

Ticket # P-6508



A Division of Cudd Energy Services

COMPANY BCE-Mach III LLC	PROJECT NUMBER P-6508	AFE/WORK ORDER	DATE 1/29/2024
CONTRACTOR Spinnaker Oil	Owner Same	LEGAL DESCRIPTION Sec 33, T34S, R11W	API 15-007-24491
LEASE & WELL # Molz Shklar 33/28-34-11 1H	COUNTY Barber	STATE KS	MILEAGE 280

From Kiowa, KS - Head West on KS-2/Main Street for 1.7 miles. Turn North onto Red Dust Road for 1.0 miles. North into Atlas 3

Pumping Services	<input checked="" type="checkbox"/> Surface <input type="checkbox"/> Intermediate <input type="checkbox"/> Long String <input type="checkbox"/> Plug Back <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input type="checkbox"/> Other									
	Casing Size 9 5/8	Casing Weight 36.00	Thread LTC	Csng Grade J-55	Thread	Plug. Cont. Yes	Swage Yes	Top Plug Yes	Bottom Plug N/A	% Excess 225%
	Number and Type Units Pump Truck, 1 ea. 660 Bulk Truck						BHST - F 83	Casing Depth 300	Depth - TVD - FT 300	Hole Size - Inches 12 1/4
	Remarks 9 5/8" Top Plug, Head , 200 lbs Sugar, 1" pipe						BHCT - F 80	Previous Csq Conductor	Depth - MD - FT 300	Mud Weight/Type - PPG

Materials	Spacer	Qty - BBLS 40	Type H2O	SPACER: H2O						
	BBL OF LEAD	# of Sacks 95	Type Class A	LEAD CEMENT						
	H2O REQUIRED	Weight PPG 11.40	Yield Ft3/Sk 2.95	Water Gal/S 18.16	95 Sacks Class A, 3% Gypsum, 1% SMS, 2.5% Calcium Chloride, 0.25 lb/sk Poly					
	BBL OF TAIL	# of Sacks 65	Type Class A	TAIL CEMENT						
	H2O REQUIRED	Weight PPG 13.20	Yield Ft3/Sk 1.86	Water Gal/S 9.98	65 Sacks Class A, 3% Gypsum, 1% SMS, 2.5% Calcium Chloride, 0.25 lb/sk Poly					
	Displacement	Qty - BBLS 20	Type H2O	DISPLACEMENT H2O						
	BBL OF TAIL	# of Sacks 240	Type Class A	TOP OUT IF NEEDED						
	H2O REQUIRED	Weight PPG 14.80	Yield Ft3/Sk 1.32	Water Gal/S 6.30	240sk of Class A					

Notes:

**SINGLE Variable Density Slurry. Please go by bbl counter for the lead. Job Cement in Back Pot
Lead - 6 hrs; Tail - 2.5 hrs**

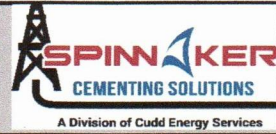
Top out in Front Pot

****Make sure your H2S monitor is charged and bump tested****

Sales Items	Casing Size 9 5/8	Casing Weight 36.00	Thread LTC
	Guide Shoe	Float Shoe	Float Collar Insert Float Valve
	Centralizers - Number	Size	Type
	Wall Cleaners - Number	Type	MSC (DV Tool) MSC Plug Set
	Limit Clamps	Thread lock	Other
	Remarks	300 lbs Sugar, CC for prime up if needed	

BCE-Mach III LLC
Molz Shklar 33/28-34-11 1H
Barber
1/29/2024
Surface

Ticket # P-6508



Customer: BCE-Mach III LLC

Customer Rep:

Well Name: Molz Shklar 33/28-34-11 1H

Mobile:

County: Barber

Job Type: Surface

State: Kansas

Casing: 9 5/8

API #: 15-007-24491


Field Supervisor: Daniel Wells

Date: 1/29/2024


Legals: Sec. 33-T34S-R11W

Proposal #: 47310003

Ref. #	Description	Quantity	Unit Price	Sub Total	Disc Unit Price	Total
***** Cementing Services *****						
MLPU1	Pickup Mileage 1 unit (roundtrip miles)	280	\$3.94	\$1,103.20	\$1.89	\$529.20
MLHE2	Heavy Vehicle Mileage 2 units (roundtrip miles)	280	\$13.56	\$3,796.80	\$6.51	\$1,822.80
MLTN	Bulk Cement Delivery/Return (per Ton-Mile)	2,704	\$2.73	\$7,381.92	\$1.31	\$3,542.24
MXBK	Bulk Material Mixing Service Charge (Per cu.ft.)	160	\$3.03	\$484.80	\$1.45	\$232.00
CMTHD	Cement Head with manifold (per Job)	1	\$1,895.00	\$1,895.00	\$909.60	\$909.60
PC1K	Pump Charge 0-1000' (Per 4 hrs)	1	\$1,887.60	\$1,887.60	\$906.05	\$906.05
DAQ	Data Acquisition System	1	\$1,331.00	\$1,331.00	\$638.88	\$638.88
FLSCG	Fuel Surcharge (per unit/per job)	2	\$605.00	\$1,210.00	\$290.40	\$580.80
ENVFEE	Environmental Fee	1	\$211.75	\$211.75	\$101.64	\$101.64
DAMSS	Data Monitoring System/Supervisor	1	\$800.00	\$800.00	\$384.00	\$384.00
CIRON	Circulation Equipment (40' of equipment per job)	2	\$1,512.50	\$3,025.00	\$726.00	\$1,452.00
***** Cementing Materials *****						
CSTD	Class A Type Standard Cement (per sack)	160	\$31.81	\$5,089.60	\$15.27	\$2,443.20
CEXTGYP	Gypsum (per lb)	452	\$0.54	\$244.08	\$0.26	\$117.52
CACCSMS	SMS (per lb)	151	\$3.86	\$582.86	\$1.85	\$279.35
CACCCC	Calcium Chloride (per lb)	376	\$1.45	\$545.20	\$0.70	\$263.20
CLCMPF	Poly Flake (per lb)	40	\$3.23	\$129.20	\$1.55	\$62.00
***** TOP OUT if needed *****						
CSTD	Class A Type Standard Cement (per sack)	0	\$31.81	\$0.00	\$15.27	\$0.00
TOCMT	Top Out Cement Job charge (Per 2 hrs)	0	\$1,975.00	\$0.00	\$1,975.00	\$0.00
TOPIPE	1" Pipe for Top-Out (per ft)	0	\$4.95	\$0.00	\$4.95	\$0.00
HNDL	Handling Tools (per job)	0	\$135.00	\$0.00	\$135.00	\$0.00
Additional Items (As Required)						
PCADD	Primary Pump Unit Addl Hours	0.0	\$594.50	\$0.00	\$594.50	\$0.00
BKADD	Bulk Unit Additional Hours (per unit/per hour)	0.0	\$121.00	\$0.00	\$121.00	\$0.00
VALV12	1" to 2" valves	1	\$393.25	\$393.25	\$188.76	\$188.76
SG36	Swage, 4 1/2" - 13 3/8" (per day)	1	\$423.50	\$423.50	\$203.28	\$203.28
H2SMON	H2S/Gas Monitors (per job)	1	\$135.00	\$135.00	\$64.80	\$64.80
FTRP958	9 5/8" Top Rubber Plug	0	\$220.00	\$0.00	\$220.00	\$0.00
CSUGAR	Sugar (per lb)	200	\$1.47	\$294.00	\$1.47	\$294.00
CFDIAL	ATF Cement Defoamer (per gal)	5	\$29.50	\$147.50	\$29.50	\$147.50
RESTK	Product Restocking Fee (per truck)	1	\$1,250.00	\$1,250.00	\$1,250.00	\$1,250.00
WTCMT	Waiting on Cement Head after job (per hours)	0	\$95.00	\$0.00	\$95.00	\$0.00
CACCCC	Calcium Chloride (per lb)	0	\$1.45	\$0.00	\$0.70	\$0.00
	Book Price			\$32,361.26		
	Estimated Job Cost (Exclusive of Sales Tax)					\$16,412.82

Signature: 
 Field Supervisor: Daniel Wells

Signature: _____
 Customer Rep:

AFE # DC23126
 WELL NAME Molz Shklar 33/28-34-11 1H
 COST CODE 2050-2800
 AMOUNT 16,412.82
 DATE 1/29/24


BCE-Mach III LLC
 Molz Shklar 33/28-34-11 1H
 Barber
 1/28/2024
 Surface

Ticket # P-6508



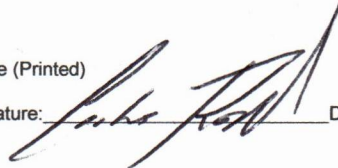
COMPANY BCE-Mach III LLC		PROJECT NUMBER P-6508	CUSTOMER REP:	DATE 1/28/2024
CONTRACTOR Spinnaker Oil	Owner Same	LEGAL DESCRIPTION Sec 33, T34S, R11W		
LEASE & WELL # Molz Shklar 33/28-34-11 1H	COUNTY Barber	STATE KS	MILEAGE 280	

Customer Job Satisfaction Sheet

We will greatly appreciate if you can fill out a short survey regarding our performance today. Safety and service quality are our top priorities and we want to ensure that we are continually providing the best service possible in the safest manner as possible. These surveys are regularly reviewed and we highly value your opinion. Thank you for your business.

	Poor	Fair	Satisfactory	Great	Outstanding
HSE					
Performance of Crew					
Performance of Equipment					
Service Quality					
Job Completed as Agreed					

Customer Name (Printed)

Customer Signature: 

Date: 1/29/24



Chart Report

— pressure2 psi — slurrytti bbl — density backup lbm/galUS — combined rate bbl/min





JOB LOG

PROJECT NUMBER	TICKET DATE
P-6508	01/29/24

COMPANY	COUNTRY	STATE	COUNTY
BCE-Mach III LLC	USA	KS	Barber
LEASE NAME Well No.	EMPLOYEE NAME	CUSTOMER REP	
Molz Shklar 33/28-34-11 1H	Daniel Wells		
FIELD	SEC / TWP / RNG	TICKET AMOUNT	
	Sec 33, T34S, R11W		
API/UWI #	JOB PURPOSE	WELL TYPE	
15-007-24491	Surface		
PUMP #1	313		
PUMP #2			
PUMP #3			

Date	Time	Rate (BPM)	Volume (BBL)(GAL)	Press.(PSI)		Job Description / Remarks
				CSG.	Tbg	
1/28/2024	17:00					Customer Called and Requested Crew On Location @ 23:00
1/28/2024	19:00					Conduct Pre-Departure Meeting with Crew
1/28/2024	22:30					Arrive On Location
1/28/2024	22:35					Conduct Pre-Rig Up Meeting with Crew
1/28/2024	22:40					Rig-Up Iron, Hoses and Standpipe
1/29/2024	12:30					Stab Head and Make Up Iron Loops to Standpipe
1/29/2024	01:00					Conduct Pre-Job Safety Meeting with All Personnel
1/29/2024	01:16			1000		Pressure Test Pumps and Lines to 1000psi
1/29/2024	01:19	5.0	40.0	110		Pump 40bbls of Water Spacer Ahead of Cement
1/29/2024	01:24	5.0	49.9	150		Mix and Pump 95sks of Lead @ 11.4ppg
1/29/2024	01:32	5.0	21.5	150		Mix and Pump 65sks of Tail @ 13.2ppg
1/29/2024	01:38					Shutdown and Drop Plug
1/29/2024	01:40	3.0		90		Start Displacement for 22.8bbls of Fresh Water

Supervisor Signature: 

Print Name: Daniel Wells

Thank You For Using
Spinnaker Oilfield Services

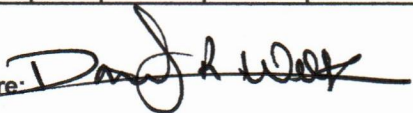


JOB LOG

PROJECT NUMBER	TICKET DATE
P-6508	01/29/24
STATE	COUNTY
KS	Barber
CUSTOMER REP	
TICKET AMOUNT	
WELL TYPE	

COMPANY	COUNTRY
BCE-Mach III LLC	USA
LEASE NAME Well No.	EMPLOYEE NAME
Molz Shklar 33/28-34-11 1H	Daniel Wells
FIELD	SEC / TWP / RNG
	Sec 33, T34S, R11W
API/UWI #	JOB PURPOSE
15-007-24491	Surface

Date	Time	Rate (BPM)	Volume (BBL)(GAL)	Press.(PSI)		Job Description / Remarks
				CSG.	Tbg	
1/29/2024	01:49		22.8		400	Bump Plug On Time @ 22.8bbbls of Displacement
1/29/2024	01:55					Release Pressure and Check Floats (HELD) .5bbbls Back
1/29/2024	01:58					Conduct Pre-Rig Down Meeting with Crew
1/29/2024	02:00					Rig-Down All Equipment
1/29/2024	02:45					Conduct Pre-Departure Meeting with Crew
1/29/2024	03:00					Leave Location
						30bbbls of Cement to Surface

Supervisor Signature: 

Print Name: Daniel Wells

Thank You For Using
Spinnaker Oilfield Services



SERVICE ORDER CONTRACT

Customer Name BCE-Mach III LLC

Ticket Number P-6508

Lease & Well Number Molz Shklar 33/28-34-11 1H

Date 1/28/2024

As consideration, The Above Named customer Agrees:

Spinnaker Oilfield Services Company LLC ("Spinnaker") shall not be responsible for and customer shall secure Spinnaker against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of Spinnaker, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage, unless an MSA between Spinnaker and above named customer specifies otherwise.

Spinnaker makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Spinnaker personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to Spinnaker gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 10 days following the date on the invoice.

Upon customers default in payment of the customers account 15 days past due. Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent:

A handwritten signature in black ink, appearing to read 'Aubs Ford', written over a horizontal line.

BCE-Mach III LLC
Molz Shklar 33/28-34-11 1H
Barber
1/28/2024
Surface

Ticket # P-6508



LOCATION WATER TEST

General Information

Customer: BCE-Mach III LLC Date: 1/28/2024
Ticket #: P-6508 Time: 23:00
Lease Name & #: Molz Shklar 33/28-34-11 1H Water Source: Frac Tank
Cementer: Daniel Wells

Test Results Sample #1

Temp	_____ ° F	Standard Range	50° to 100° F
pH	_____		6.0 - 8.0
Sulfates	_____ mg/L		Less Than 1500 mg/L
Chlorides	_____ mg/L		Less Than 3000 mg/L
Lignins & Tannins	_____ Yes/No		No

Test Results Sample #2

Temp	_____ 55 ° F	Standard Range	50° to 100° F
pH	_____ 8.0		6.0 - 8.0
Sulfates	_____ 700 mg/L		Less Than 1500 mg/L
Chlorides	_____ 2100 mg/L		Less Than 3000 mg/L
Lignins & Tannins	_____ No Yes/No		No

Remarks:

EQUIPMENT CHECKLIST

UNIT #

1. BEFORE THE JOB – PREPARE

- Power up the unit, ensuring all electronics are functioning, and recalibrate all console pressure gauges to atmospheric pressure
- Check the cement head (visually inspect), vacuum breakers, and dry cement line.
- Prime the truck up and pressure test. Test for Global kick-out, and check martin decker gauges. Note any difference between console and martin decker pressures.
- Function test and pump through the entire plumbing, checking all lines as well as centrifugal and triplex pumps. Check for any packing leaks on the pumping unit. Chart the test.
- Check the bulk equipment; compressors, valves, pop-offs, to make sure it airs up and hold pressure.
- Check the casing cement head, O-rings, adapters (sizes and thread types).
- Check the bulk paperwork, ensuring all correct cement and volumes are on location.
- Check to make sure all chemicals and plugs are on location. Check the auxiliary boost pump, if any.
- Perform a Water Analysis.

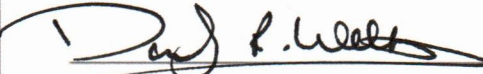
2. DURING THE JOB

- Note any pumping issues or any discrepancies on outputs
- Check for any leaks and contain accordingly if any

3. AFTER THE JOB

- Turn in the check list to customer, if requested, and include a copy with packet, and make detailed note of any issues

Supervisor Comments:


(Supervisor Name and Signature)


(Operator Name and Signature)

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 1 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



JOB SAFETY ANALYSIS (JSA)

WORK LOCATION (Check):	<input type="checkbox"/> DISTRICT SHOP/YARD	<input checked="" type="checkbox"/> REMOTE WORK SITE	DATE:	
CUSTOMER:				
CUSTOMER REPRESENTATIVE:				
LEASE NAME				
WELL NAME				
SUPERVISOR NAME (PRINT):			EMPLOYEE ID:	
SUPERVISOR SIGNATURE:				

CUDD LIFE SAVING RULES
Discuss CUDD Life Saving Rules, as applicable

Conduct prework hazard assessment	Protect against a fall from heights	Follow safe lifting and hoisting practices	Drive safe	Utilize the proper tool for the job
Follow work permit requirements	Verify isolation of energy / Lock-out Tag-out (LOTO)	Wear and maintain required PPE	Protect against chemical exposure	

GENERAL HAZARDS
Check the boxes for the general hazards for this job site and discuss during JSA meeting

	Comments
<input type="checkbox"/> Extreme Weather	
<input checked="" type="checkbox"/> Fauna/Wildlife/Insects	Inspect all hoses and verify all the PPE needed for the job is available.
<input checked="" type="checkbox"/> Hazardous Areas	Watch for wild animals, snakes/spiders
<input type="checkbox"/> Low Lighting	Emergency shower trailer will be required.
<input checked="" type="checkbox"/> Vehicular Traffic	Ensure all personnel keep hydrating throughout the day.
<input checked="" type="checkbox"/> Poor Walking/Working Conditions	

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 2 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



WORK TASK ANALYSIS

Describe all work task steps, potential accidents and hazards, and all safeguards and mitigations below, multiple copies of this page may be printed as necessary.

REVIEW AND DISCUSS STOP WORK AUTHORITY (SWA) WITH ALL PERSONNEL

WORK TASKS	DESCRIBE POTENTIAL ACCIDENTS AND HAZARDS INVOLVED	SAFEGUARDS/MITIGATIONS
-Complete daily JSEA -Equipment Preparation -Inspecting Equipment	Miscommunication, Not understanding the task, Complacency, Day dreaming, Equipment Defects, Miscommunications, Slips, Trips, and Falls, Pinch Points, Noncompliance with Company PPWIs, and SOPs	Read & Understand JSEA, Thoroughly Inspect Equipment, Clear Communications, ask questions when needed, Proper Hand and Feet Placements, Eyes on Path & Work Task, Competent of and Compliance with Company PPWIs and SOPs
Chemical & Material Handling -Mixing -Gauging -Blending -Transferring -Acid Testing	Chemical Injuries, Burns, Chemical Spills, Equipment Failures, Punctured containers, Fires, using wrong tools & equipment, mixing incompatible materials, Hot Surfaces, Inhaling Fumes, Noncompliance with Company PPWIs and SOPs	Utilize Proper PPE, (Face shields and respirators as needed) Eyes on Path and Work Task, Aware of Surroundings, Read Labels/Instructions and follow proper recommendations for material/Chemical handling/mixing, use FRC when handling flammable materials, Competent of and Compliance with Company PPWIs and SOPs.
Chemical & Material Handling -Mixing -Gauging -Blending -Transferring	Not knowing the Chemical/material and risk/hazards involved with handling or mixing certain substances.	An SDS should be consulted for each of these substances to identify the associated hazards: Flammable, Corrosive, Toxic, Harmful, Irritant, Oxidizing or Other. Hazard Ratings (Min, Low, Mod, High, Extreme) and Dangerous. Classification of materials should be identified in the SDS. A substance may have more than one classification. Include all solvents, reactants, drying agents etc. An experienced laboratory worker should be able to read and understand an SDS.
ASSESS LOCATION FOR POTENTIAL HAZARDS	SLIPS-TRIPS-FALLS, H2S, STRUCK BY,	PAY ATTENTION TO SURROUNDINGS REMOVE HAZARDS IF POSSIBLE PROPER PPE
SAFETY HUDDLE TO DISCUSS HAZARDS AND POTENTIAL HAZARDS WHILE SPOTTING EQUIPMENT	NOT UNDERSTANDING OR HEARING JOB STEPS	SPEAK LOUD AND CLEAR-PAY ATTENTION-ASK QUESTIONS
SPOT EQUIPMENT	BACKING INTO OR OVER SOMETHING OR SOMEONE, STRIKING STATIONARY OBJECT	USE SPOTTERS AND MIRRORS BACK SLOW, WATCH SPOTTER, WALK PATH OF TRAVEL AND OBSERVE SURROUNDINGS
RIG UP IRON AND HOSES	SLIPS-TRIPS-FALLS-PINCH POINTS, STRUCK BY, DROPPED OBJECTS, STRAINS	PAY ATTENTION, DON'T RUSH, TWO MAN CARRY, FOLLOW DIRECTIONS, USE PROPER LIFTING TECHNICS,

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 3 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



PRIME PUMPS	MOVING PARTS PRESSURE	TRAPPED	CLEAR PUMP OF PERSONNEL – SET PRESSURE TRIPS- CHECK VALVES ARE IN PROPER POSITION
SAFETY MEETING	MISCOMMUNICATION		REVIEW ALL JOB PROCEDURES/ HAZARDS WITH ALL PERSONEL INVOLVED, REVIEW MUSTER AREAS AND EMERGENCY PLAN
TEST LINES	LINES LEAKING OR IRON PARTING, PRESSURE		STAY CLEAR OF LINES WHILE UNDER PRESSURE- NEVER HAMMER ON IRON W/ PRESSURE ON IT!!! IRON INSPECTION
PUMP FLUIDS	LEAKS-PUMPING WRONG FLUIDS-VALVES CLOSED- PINCH POINTS Fumes, chemical exposure, chemical burns Chemical exposure related illnesses. Chemical splashes. Failure to identify hazards, wrong PPE for the job. Miscommunication		START PUMPING SLOWLY- WATCH FOR LEAKS OR RAPID PRESSURE – Check pumping correct system. PAY ATTENTION TO JOB DUTIES Inspect and utilize chemical gear to eliminate or minimize exposure. If any leaks occur leave the area immediately and report it to te supervisor. Contain the leak is safe to do so. In case of a chemical splash, utilize emergency shower trailer, and report the incident to your supervisor, contact workPartners for further instructions. Make sure you are familiar with all instructions given during the JSEA meeting, ask questions if you aren't sure about something, utilize SWAT.
RIG DOWN IRON, HOSES AND LOAD	SLIPS-TRIPS-FALLS- DROPED OBJECTS- PINCH POINTS		WATCH HAND AND FOOT PLACEMENT. DON'T WALK UNDER LOADS BEING LOWERED OR RAISED. DON'T THROW HAMMERS OR HANDLES. DON'T RUSH OR TAKE SHORT CUTS. WORK TOGETHER ASK FOR HELP, OFFER HELP
LEAVE LOCATION	STRIKING OBJECT OR SOMEONE. OBJECTS FALLING FROM TRUCKS. FALLING ASLEEP WHILE DRIVING		USE SPOTTER IF NEEDED. MAKE SURE ALL EQUIPMENT IS SECURE BEFORE MOVING TRUCK. WALK AROUND BEFORE GETTING IN CAB. IF YOU ARE TOO TIRED TO DRIVE, TAKE A NAP BEFORE LEAVING LOCATION. STOP IF YOU BECOME SLEEPY

REQUIRED PPE

Check the boxes for all required PPE while conducting work tasks, for additional required PPE, describe in the box next to the "OTHER" field.

<input checked="" type="checkbox"/> HARD HAT <input checked="" type="checkbox"/> SAFETY GLASSES <input checked="" type="checkbox"/> FR CLOTHING <input checked="" type="checkbox"/> SAFETY TOE BOOTS	<input checked="" type="checkbox"/> HALF-FACE AIR PURIFYING RESPIRATOR <input checked="" type="checkbox"/> PERSONAL MONITOR <input checked="" type="checkbox"/> H2S <input checked="" type="checkbox"/> O2 <input checked="" type="checkbox"/> LEL <input checked="" type="checkbox"/> CO <input type="checkbox"/> FALL PROTECTION <input checked="" type="checkbox"/> HEARING PROTECTION	<input checked="" type="checkbox"/> OTHER:	Goggles
		<input checked="" type="checkbox"/> OTHER:	Chemical Gear.
		<input type="checkbox"/> OTHER:	
		<input type="checkbox"/> OTHER:	

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 4 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



<input checked="" type="checkbox"/> HAND PROTECTION			
---	--	--	--

Permit to Work	
Check the boxes for all required tasks which involve a permit to work, follow the required actions for each task. For tasks conducted simultaneously, all required actions for all tasks should be followed.	
Task	Required Actions
<input type="checkbox"/> Confined Space Entry	<ul style="list-style-type: none"> • Confined Space Entry shall NOT be conducted on a customer location. • Refer to SAF-PR-6005-1 Confined Space Entry • Follow service line specific confined space entry program. • Complete the following forms prior to confined space entry in a CES facility as applicable: <ul style="list-style-type: none"> ○ SAF-FO-6005-1 Confined Space Pre-entry Checklist ○ SAF-FO-6005-2 Confined Space Entry Permit
<input type="checkbox"/> Critical Lifts	<ul style="list-style-type: none"> • Refer to LFT-WI-6010-11 Critical Lift Planning & Operations • Complete the following forms as applicable prior to conducting lift: <ul style="list-style-type: none"> ○ LFT-FO-6010-1 Critical Lift Determination Worksheet ○ LFT-FO-6010-3 Critical Lift Plan
<input type="checkbox"/> Lock Out / Tag Out	<ul style="list-style-type: none"> • Follow service line specific LOTO Program • Complete all applicable energy isolation certifications and checklists as applicable
<input type="checkbox"/> Hot Work	<ul style="list-style-type: none"> • Refer to SAF-PR-6026-1 Hot Work • Complete form SAF-FO-6026-1 CES Hot Work Permit prior to beginning hot work as applicable.
<input type="checkbox"/> Hydrogen Sulfide (H2S)	<ul style="list-style-type: none"> • Refer to SAF-PR-6017-1 Hydrogen Sulfide • Complete the following forms as applicable prior to performing work: <ul style="list-style-type: none"> ○ SAF-FO-6017-1 Hydrogen Sulfide Pre-Entry Checklist ○ SAF-FO-6017-2 Hydrogen Sulfide Entry Permit
<input checked="" type="checkbox"/> Working at Heights	<ul style="list-style-type: none"> • This applies to working at heights above 4ft without engineered/administrative controls to prevent falling. • Refer to SAF-PR-6076-1 Fall Protection • Complete for SAF-FO-6076-1 Fall Protection Work Plan as applicable

BCE-Mach III LLC
 Molz Shklar 33/28-34-11 1H
 Barber
 2/1/2024
 Intermediate

Ticket # P-6517



COMPANY BCE-Mach III LLC	PROJECT NUMBER P-6517	AFE/WORK ORDER	DATE 2/1/2024
CONTRACTOR Spinnaker Oil	Owner Same	LEGAL DESCRIPTION Sec 33, T34S, R11W	API 15-007-24491
LEASE & WELL # Molz Shklar 33/28-34-11 1H	COUNTY Barber	STATE KS	MILEAGE 280

From Kiowa, KS - Head West on KS-2/Main Street for 1.7 miles. Turn North onto Red Dust Road for 1.0 miles. North into Atlas 3

Pumping Services	<input type="checkbox"/> Surface <input checked="" type="checkbox"/> Intermediate <input type="checkbox"/> Long String <input type="checkbox"/> Plug Back <input type="checkbox"/> Squeeze <input type="checkbox"/> Acid <input type="checkbox"/> PTA <input type="checkbox"/> Other () H2S								
	Casing Size 7	Casing Weid 26.00	Thread TCBC-HT	CSG Grade P-110	Plug. Cont. Yes	Swage Yes	Top Plug Yes	Bottom Plug Yes	% Excess 30%
	Number and Type Units Pump Truck, 1 ea. 660 Bulk					BHST - F 132	Casing Depth 5118	Depth - TVD - FT 4808	Hole Size - Inches 8 3/4
	Remarks 7" Top & Bottom Plugs, Head, manifold, circulating iron & both adapters					BHCT - F 105	Pvs Csq 9-5/8" at 300'	Depth - MD - FT 5118	Mud Weight/Type - PPG WBM ~9.2

BBL OF SPACER	Type	SPACER		
40	Fresh Water	Fresh Water		
BBL OF LEAD	# of Sacks	Type	LEAD CEMENT	
63.7	65	Class A/POZ	65 Sacks 65/35 A/POZ, 12% Gel, 12% Gypsum, 12% SFA, 1.5% SA-2, 0.4 lb/sk Poly Flakes, 0.2% Fine Super Fibers	
H2O REQUIRED	Weight PPG	Yield Ft3/Sk	Water Gal/S	
55.5	10.20	5.50	35.87	
BBL OF TAIL	# of Sacks	Type	TAIL CEMENT	
37.1	150	Class A/POZ	150 Sacks 50/50 A/POZ, 3% Gel, 2% Gypsum, 0.35% SFL-5, 0.25 lb/sk Poly Flakes, 0.1% Fine Super Fibers	
H2O REQUIRED	Weight PPG	Yield Ft3/Sk	Water Gal/S	
23.6	13.80	1.39	6.61	
Displacement	Qty - BBLs	Type	Procedure	
	195	Water	Water	

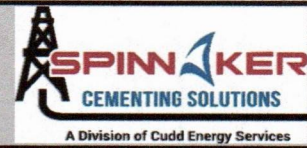
NOTES:

LEAD - BACK POT | TAIL - FRONT POT
Pump time: LEAD - 6:00 hrs. TAIL - 4:00 hrs
**** 5 bpm Max ****

Sales Items	Casing Size 7	Casing Weight 26.00	Thread
	Guide Shoe	Float Shoe	Float Collar Insert Float Valve
	Remarks Defoamer, Plugs		

BCE-Mach III LLC
Molz Shklar 33/28-34-11 1H
Barber
2/2/2024
Intermediate

Ticket # P-6517



Customer: BCE-Mach III LLC

Customer Rep:

Well Name: Molz Shklar 33/28-34-11 1H

Mobile:

County: Barber

Job Type: Intermediate

State: Kansas

Casing: 7

API #: 15-007-24491

Field Supervisor:

Date: 2/2/2024

Legals: Sec 33, T34S, R11W

Proposal #: 47310003

Ref. #	Description	Quantity	Unit Price	Sub Total	Total
***** Cementing Service and Materials *****					
MLPU1	Pickup Mileage 1 unit (roundtrip miles)	280	\$3.94	\$1,103.20	\$462.00
MLHE2	Heavy Vehicle Mileage 2 units (roundtrip miles)	280	\$13.56	\$3,796.80	\$1,596.00
MLTN	Bulk Cement Delivery/Return (per Ton-Mile)	1,480	\$2.73	\$4,040.40	\$1,702.00
MXBK	Bulk Material Mixing Service Charge (Per cu.ft.)	215	\$3.03	\$651.45	\$273.05
CMTHD	Cement Head with manifold (per Job)	1	\$1,895.00	\$1,895.00	\$795.90
PC6K	Pump Charge 5001-6000' (Per 5 hrs)	1	\$4,325.75	\$4,325.75	\$1,816.82
DAQ	Data Acquisition System	1	\$1,331.00	\$1,331.00	\$559.02
FLSCG	Fuel Surcharge (per unit/per job)	2	\$605.00	\$1,210.00	\$508.20
ENVFEE	Environmental Fee	1	\$211.75	\$211.75	\$88.94
DAMSS	Data Monitoring System/Supervisor	1	\$800.00	\$800.00	\$336.00
CIRON	Circulation Equipment (40' of equipment per job)	2	\$1,512.50	\$3,025.00	\$1,270.50
CSTD	Class A Type Standard Cement (per sack)	118	\$31.81	\$3,753.58	\$1,576.48
CPOZF	POZ (per sack)	98	\$17.35	\$1,700.30	\$714.42
CEXTGEL	GEL (per lb)	1,100	\$0.63	\$693.00	\$286.00
CEXTGYP	Gypsum (per lb)	931	\$0.54	\$502.74	\$214.13
CEXTSFA	SFA (per lb)	679	\$1.21	\$821.59	\$346.29
CFL5	SFL-5 (per lb)	45	\$18.56	\$835.20	\$351.00
CFWCSA1	SA-2 (per lb)	85	\$19.52	\$1,659.20	\$697.00
CLCMPF	Poly Flake (per lb)	64	\$3.23	\$206.72	\$87.04
CLCMFBR	Fine Super Fiber (per lb)	24	\$19.28	\$462.72	\$194.40
Additional Items if used					
PCADD	Primary Pump Unit Addl Hours	6.0	\$594.50	\$3,567.00	\$3,567.00
BKADD	Bulk Unit Additional Hours (per unit/per hour)	6.0	\$121.00	\$726.00	\$726.00
FTRP7	7" Top Rubber Plug	0	\$140.00	\$0.00	\$0.00
FBRP7	7" Bottom Rubber Plug	0	\$150.00	\$0.00	\$0.00
SG36	Swage, 4 1/2" - 13 3/8" (per day)	1	\$423.50	\$423.50	\$177.87
VALV12	1" to 2" valves	1	\$393.25	\$393.25	\$165.17
RADIO	Radios (per job)	0	\$135.00	\$0.00	\$0.00
CACCCC	Calcium Chloride (per lb)	0	\$1.45	\$0.00	\$0.00
CSUGAR	Sugar (per lb)	0	\$1.47	\$0.00	\$0.00
CDFDIAL	ATF Cement Defoamer (per gal)	5	\$29.50	\$147.50	\$147.50
DERKC	Derrick Charge (Cement Head Stabbing Above 8 ft)	0	\$726.00	\$0.00	\$0.00
WTCMT	Waiting on Cement Head after job (per hours)	0	\$95.00	\$0.00	\$0.00
	Book Price			\$38,282.65	
	Estimated Job Cost (Exclusive of Sales Tax)				\$18,658.73

Signature: _____
 Field Supervisor: Jackie Helms

Signature: _____
 Customer Rep:

AFE # DC23126
 WELL NAME Molz Shklar 33/28-34
 COST CODE 2050-3000
 AMOUNT 18,658.73
 DATE 2/2/24

BCE-Mach III LLC
 Molz Shklar 33/28-34-11 1H
 Barber
 2/1/2024
 Intermediate

Ticket # P-6517



COMPANY BCE-Mach III LLC		PROJECT NUMBER P-6517	CUSTOMER REP: 0	DATE 2/1/2024
CONTRACTOR Spinnaker Oil	Owner Same	LEGAL DESCRIPTION Sec 33, T34S, R11W		
LEASE & WELL # Molz Shklar 33/28-34-11 1H	COUNTY Barber	STATE KS	MILEAGE 280	

Customer Job Satisfaction Sheet

We will greatly appreciate if you can fill out a short survey regarding our performance today. Safety and service quality are our top priorities and we want to ensure that we are continually providing the best service possible in the safest manner as possible. These surveys are regularly reviewed and we highly value your opinion. Thank you for your business.

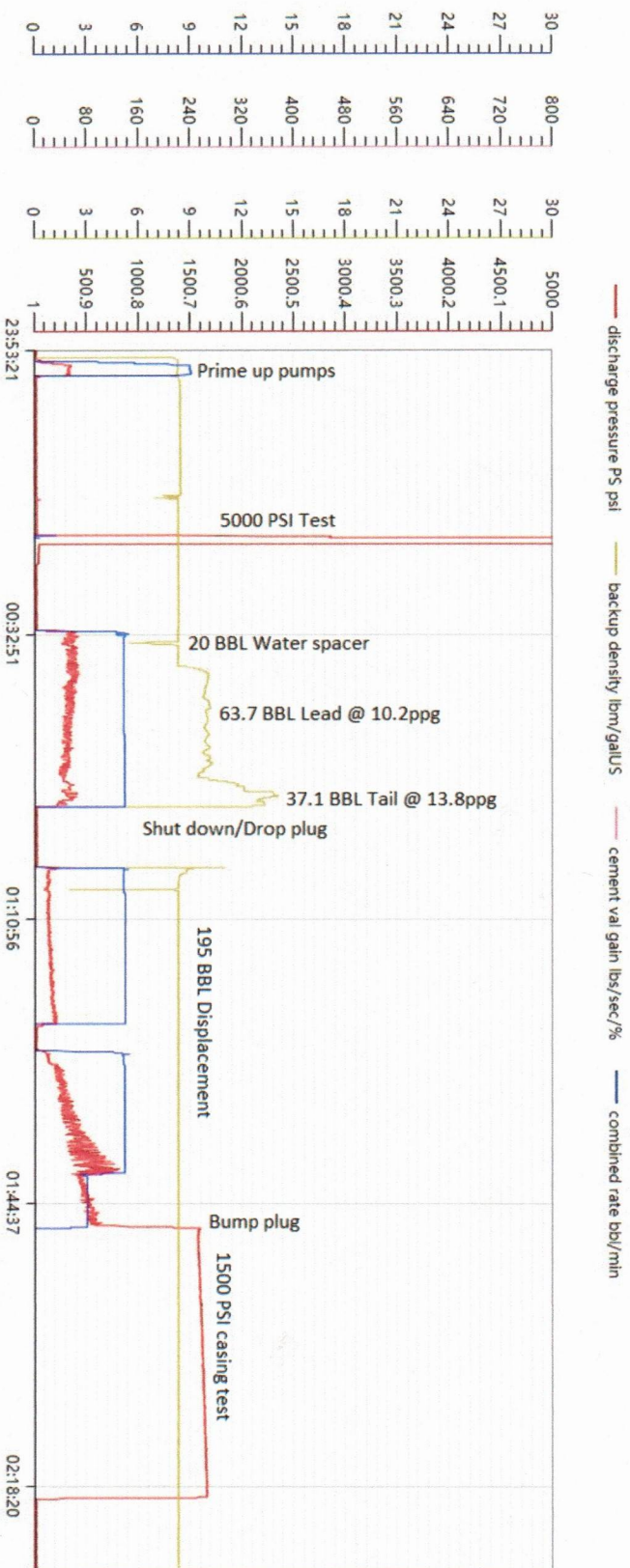
	Poor	Fair	Satisfactory	Great	Outstanding
HSE					
Performance of Crew					
Performance of Equipment					
Service Quality					
Job Completed as Agreed					

Customer Name (Printed)

Customer Signature: *Carla Kendra*

Date: *2/2/24*

Chart Report



Date: 2/1/2024 Well Name: Moz Shklar 33/28-34-11 1 H Location: Barber County KS Country: USA Operator: BCE-MACH III LLC Supervisor: Jackie Helms Jobtype: Intermediate Address: Comment:



JOB LOG

PROJECT NUMBER	TICKET DATE
P-6517	02/02/24

COMPANY BCE-Mach III LLC	COUNTRY USA	STATE KS	COUNTY Barber
LEASE NAME Molz Shklar 33/28-34-11 1H	Well No.	EMPLOYEE NAME	CUSTOMER REP
FIELD	SEC / TWP / RNG Sec 33, T34S, R11W	TICKET AMOUNT	
API/UWI # 15-007-24491	JOB PURPOSE Intermediate	WELL TYPE	
PUMP #1	318		
PUMP #2			
PUMP #3			

Date	Time	Rate (BPM)	Volume (BBL)(GAL)	Press.(PSI)		Job Description / Remarks
				CSG.	Tbg	
2/1/2024	15:00					Arrive on location and communicate with company Rep
2/1/2024	22:00					Spot in Spinnaker equipment and rig up
2/2/2024	00:00					Rig floor safety meeting
2/2/2024	00:25			5000		5000 PSI Test on Spinnaker iron
2/2/2024	00:30	5.0	20.0		400	Pump 20 BBL Water Spacer
2/2/2024	00:35	5.0	63.7		365	Pump 63.7 BBL Lead CMT @ 10.2ppg
2/2/2024	00:49	5.0	37.1		280	Pump 37.1 BBL Tail @ 13.8ppg
2/2/2024	01:00					Shut down/Drop Customer supplied plug
2/2/2024	01:05	5.0	175.0		175	Begin Displacement of 197 BBL Freshwater
2/2/2024	01:40	3.0	20.0		480	Slow rate las 20 BBL to land plug
2/2/2024	01:50				1500	Bump plug @ 760 PSI and took to 1500 PSI and hold for 30 Minutes
2/2/2024	02:20					Release pressure and check floats
2/2/2024	02:25					Got back 1 1/2 BBL and floats held

Supervisor Signature:

Print Name:

Jackie Helms

**Thank You For Using
Spinnaker Oilfield Services**



JOB LOG

PROJECT NUMBER	TICKET DATE
P-6517	02/02/24
STATE	COUNTY
KS	Barber
CUSTOMER REP	
TICKET AMOUNT	
WELL TYPE	

COMPANY	COUNTRY
BCE-Mach III LLC	USA
LEASE NAME Well No.	EMPLOYEE NAME
Molz Shklar 33/28-34-11 1H	
FIELD	SEC / TWP / RNG
	Sec 33, T34S, R11W
API/UWI #	JOB PURPOSE
15-007-24491	Intermediate

Date	Time	Rate (BPM)	Volume (BBL)(GAL)	Press.(PSI)		Job Description / Remarks
				CSG.	Tbg	
2/2/2024	02:30					Rig down All Spinnaker equipment
2/2/2024	03:30					Deliver paperwork
2/2/2024	04:00					Depart from location
						H O L C-2377
						H O T C-1276
						T O L C-1547
						T O T C-3924

Supervisor Signature:

Print Name:

Jackie Helms

**Thank You For Using
Spinnaker Oilfield Services**



SERVICE ORDER CONTRACT

Customer Name BCE-Mach III LLC

Ticket Number P-6517

Lease & Well Number Molz Shklar 33/28-34-11 1H

Date 2/1/2024

As consideration, The Above Named customer Agrees:
Spinnaker Oilfield Services Company LLC ("Spinnaker") shall not be responsible for and customer shall secure Spinnaker against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of Spinnaker, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage, unless an MSA between Spinnaker and above named customer specifies otherwise.

Spinnaker makes no guarantee to the effectiveness of the products, supplies, or materials, nor of the results of any treatment or services. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Spinnaker personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others except where due to Spinnaker gross negligence or willful misconduct in the preparation or furnishing it.

Invoices payable NET 10 days following the date on the invoice.

Upon customers default in payment of the customers account 15 days past due.
Customer agrees to pay interest thereon after at the highest lawful contract rate applicable but never to exceed 18% per annum in the event it becomes necessary to employ an attorney to enforce collection of said account.
Customer agrees to pay all collection costs and attorney fees in the amount of 25% of the unpaid account.

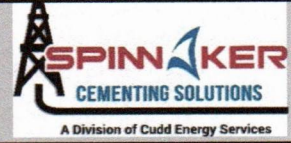
Service order: I authorize work to begin per service instructions in accordance with terms and conditions printed on this form and represent that I have authority to accept and sign this order.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.

Customer Authorized Agent: *Saikat Bandyopadhyay*

BCE-Mach III LLC
Molz Shklar 33/28-34-11 1H
Barber
2/1/2024
Intermediate

Ticket # P-6517



LOCATION WATER TEST

General Information

Customer: BCE-Mach III LLC Date: 2/1/2024
Sales Order #: P-6517 Time: 15:10
Lease Name & #: Molz Shklar 33/28-34-11 1H Water Source: Frac Tank
Tested By: Jackie Helms

Test Results Sample #1

		Standard Range
Temp	<u>79</u> ° F	50° to 100° F
pH	<u>PASS</u>	6.0 - 8.0
Sulfates	<u>PASS</u> mg/L	Less Than 1500 mg/L
Chlorides	<u>PASS</u> mg/L	Less Than 3000 mg/L
Lignins & Tannins	<u>PASS</u> Yes/No	No

Test Results Sample #2

		Standard Range
Temp	<u> </u> ° F	50° to 100° F
pH	<u> </u>	6.0 - 8.0
Sulfates	<u> </u> mg/L	Less Than 1500 mg/L
Chlorides	<u> </u> mg/L	Less Than 3000 mg/L
Lignins & Tannins	<u> </u> Yes/No	No

Remarks:

EQUIPMENT CHECKLIST

UNIT # 318

1. BEFORE THE JOB – PREPARE

- Power up the unit, ensuring all electronics are functioning, and recalibrate all console pressure gauges to atmospheric pressure
- Check the cement head (visually inspect), vacuum breakers, and dry cement line.
- Prime the truck up and pressure test. Test for Global kick-out, and check martin decker gauges. Note any difference between console and martin decker pressures.
- Function test and pump through the entire plumbing, checking all lines as well as centrifugal and triplex pumps. Check for any packing leaks on the pumping unit. Chart the test.
- Check the bulk equipment; compressors, valves, pop-offs, to make sure it airs up and hold pressure.
- Check the casing cement head, O-rings, adapters (sizes and thread types).
- Check the bulk paperwork, ensuring all correct cement and volumes are on location.
- Check to make sure all chemicals and plugs are on location. Check the auxiliary boost pump, if any.
- Perform a Water Analysis.

2. DURING THE JOB

- Note any pumping issues or any discrepancies on outputs
- Check for any leaks and contain accordingly if any

3. AFTER THE JOB

- Turn in the check list to customer, if requested, and include a copy with packet, and make detailed note of any issues

Supervisor Comments:

Jackie Helms Jackie Helms
(Supervisor Name and Signature)

(Operator Name and Signature)

BCE-Mach III LLC
Molz Shklar 33/28-34-11 1H
Barber
2/1/2024
Intermediate

Ticket # P-6517



COMPANY BCE-Mach III LLC	PROJECT NUMBER P-6517	CUSTOMER REP: 0	DATE 2/1/2024
CONTRACTOR Spinnaker Oil	Owner Same	LEGAL DESCRIPTION	
LEASE & WELL # Molz Shklar 33/28-34-11 1H	COUNTY Barber	STATE KS	MILEAGE 280

Safety Meeting Attendance Sign-In Sheet

Date: _____
 Topic: _____

Date	Printed Name	Signature
2/1/2024	Jackie Helms	<i>Jackie Helms</i>
2/1/2024	Jared Fogle	<i>J.F.</i>
2/1/2024	Majic Mahmud	<i>M. Mahmud</i>
2/1/2024	David Weber	<i>David Weber</i>
2/1/2024	Jarvis Kears	<i>Jarvis Kears</i>
2/1/2024	Gustavo Rivera m.	<i>Gustavo Rivera</i>
2/1/2024	Zu Li	<i>Zu Li</i>
2/1/2024	Felix Olaso	<i>Felix Olaso</i>
2/1/2024		
2/1/2024		
2/1/2024		
2/1/2024		
2/1/2024		
2/1/2024		

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 1 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



JOB SAFETY ANALYSIS (JSA)

WORK LOCATION (Check):	<input type="checkbox"/> DISTRICT SHOP/YARD	<input checked="" type="checkbox"/> REMOTE WORK SITE	DATE:	02/01/24
CUSTOMER:	BCE-Mach			
CUSTOMER REPRESENTATIVE:				
LEASE NAME	Molz Shklar 33/28-34-11 1H			
WELL NAME				
SUPERVISOR NAME (PRINT):	Jackie Helms	EMPLOYEE ID:	34389	
SUPERVISOR SIGNATURE:	<i>Jackie Helms</i>			

CUDD LIFE SAVING RULES
Discuss CUDD Life Saving Rules, as applicable

Conduct prework hazard assessment	Protect against a fall from heights	Follow safe lifting and hoisting practices	Drive safe	Utilize the proper tool for the job
Follow work permit requirements	Verify isolation of energy / Lock-out Tag-out (LOTO)	Wear and maintain required PPE	Protect against chemical exposure	

GENERAL HAZARDS
Check the boxes for the general hazards for this job site and discuss during JSA meeting

<input type="checkbox"/> Extreme Weather	Comments
<input checked="" type="checkbox"/> Fauna/Wildlife/Insects	Inspect all hoses and verify all the PPE needed for the job is available.
<input checked="" type="checkbox"/> Hazardous Areas	Watch for wild animals, snakes/spiders
<input type="checkbox"/> Low Lighting	Emergency shower trailer will be required.
<input checked="" type="checkbox"/> Vehicular Traffic	Ensure all personnel keep hydrating throughout the day.
<input checked="" type="checkbox"/> Poor Walking/Working Conditions	

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 2 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



WORK TASK ANALYSIS

Describe all work task steps, potential accidents and hazards, and all safeguards and mitigations below, multiple copies of this page may be printed as necessary.

REVIEW AND DISCUSS STOP WORK AUTHORITY (SWA) WITH ALL PERSONNEL

WORK TASKS	DESCRIBE POTENTIAL ACCIDENTS AND HAZARDS INVOLVED	SAFEGUARDS/MITIGATIONS
-Complete daily JSEA -Equipment Preparation -Inspecting Equipment	Miscommunication, Not understanding the task, Complacency, Day dreaming, Equipment Defects, Miscommunications, Slips, Trips, and Falls, Pinch Points, Noncompliance with Company PPWIs, and SOPs	Read & Understand JSEA, Thoroughly Inspect Equipment, Clear Communications, ask questions when needed, Proper Hand and Feet Placements, Eyes on Path & Work Task, Competent of and Compliance with Company PPWIs and SOPs
Chemical & Material Handling -Mixing -Gauging -Blending -Transferring -Acid Testing	Chemical Injuries, Burns, Chemical Spills, Equipment Failures, Punctured containers, Fires, using wrong tools & equipment, mixing incompatible materials, Hot Surfaces, Inhaling Fumes, Noncompliance with Company PPWIs and SOPs	Utilize Proper PPE, (Face shields and respirators as needed) Eyes on Path and Work Task, Aware of Surroundings, Read Labels/Instructions and follow proper recommendations for material/Chemical handling/mixing, use FRC when handling flammable materials, Competent of and Compliance with Company PPWIs and SOPs.
Chemical & Material Handling -Mixing -Gauging -Blending -Transferring	Not knowing the Chemical/material and risk/hazards involved with handling or mixing certain substances.	An SDS should be consulted for each of these substances to identify the associated hazards: Flammable, Corrosive, Toxic, Harmful, Irritant, Oxidizing or Other. Hazard Ratings (Min, Low, Mod, High, Extreme) and Dangerous. Classification of materials should be identified in the SDS. A substance may have more than one classification. Include all solvents, reactants, drying agents etc. An experienced laboratory worker should be able to read and understand an SDS.
ASSESS LOCATION FOR POTENTIAL HAZARDS	SLIPS-TRIPS-FALLS, H2S, STRUCK BY,	PAY ATTENTION TO SURROUNDINGS REMOVE HAZARDS IF POSSIBLE PROPER PPE
SAFETY HUDDLE TO DISCUSS HAZARDS AND POTENTIAL HAZARDS WHILE SPOTTING EQUIPMENT	NOT UNDERSTANDING OR HEARING JOB STEPS	SPEAK LOUD AND CLEAR-PAY ATTENTION-ASK QUESTIONS
SPOT EQUIPMENT	BACKING INTO OR OVER SOMETHING OR SOMEONE, STRIKING STATIONARY OBJECT	USE SPOTTERS AND MIRRORS BACK SLOW, WATCH SPOTTER, WALK PATH OF TRAVEL AND OBSERVE SURROUNDINGS
RIG UP IRON AND HOSES	SLIPS-TRIPS-FALLS-PINCH POINTS, STRUCK BY, DROPPED OBJECTS, STRAINS	PAY ATTENTION, DON'T RUSH, TWO MAN CARRY, FOLLOW DIRECTIONS, USE PROPER LIFTING TECHNIQS,

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 3 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



PRIME PUMPS	MOVING PARTS PRESSURE	TRAPPED	CLEAR PUMP OF PERSONNEL – SET PRESSURE TRIPS- CHECK VALVES ARE IN PROPER POSITION
SAFETY MEETING	MISCOMMUNICATION		REVIEW ALL JOB PROCEDURES/ HAZARDS WITH ALL PERSONEL INVOLVED, REVIEW MUSTER AREAS AND EMERGENCY PLAN
TEST LINES	LINES LEAKING OR IRON PARTING, PRESSURE		STAY CLEAR OF LINES WHILE UNDER PRESSURE- NEVER HAMMER ON IRON W/ PRESSURE ON IT!!! IRON INSPECTION
PUMP FLUIDS	LEAKS-PUMPING WRONG FLUIDS-VALVES CLOSED- PINCH POINTS Fumes, chemical exposure, chemical burns Chemical exposure related illnesses. Chemical splashes. Failure to identify hazards, wrong PPE for the job. Miscommunication		START PUMPING SLOWLY- WATCH FOR LEAKS OR RAPID PRESSURE – Check pumping correct system. PAY ATTENTION TO JOB DUTIES Inspect and utilize chemical gear to eliminate or minimize exposure. If any leaks occur leave the area immediately and report it to te supervisor. Contain the leak is safe to do so. In case of a chemical splash, utilize emergency shower trailer, and report the incident to your supervisor, contact workPartners for further instructions. Make sure you are familiar with all instructions given during the JSEA meeting, ask questions if you aren't sure about something, utilize SWAT.
RIG DOWN IRON, HOSES AND LOAD	SLIPS-TRIPS-FALLS- DROPED OBJECTS- PINCH POINTS		WATCH HAND AND FOOT PLACEMENT. DON'T WALK UNDER LOADS BEING LOWERED OR RAISED. DON'T THROW HAMMERS OR HANDLES. DON'T RUSH OR TAKE SHORT CUTS. WORK TOGETHER ASK FOR HELP, OFFER HELP
LEAVE LOCATION	STRIKING OBJECT OR SOMEONE. OBJECTS FALLING FROM TRUCKS. FALLING ASLEEP WHILE DRIVING		USE SPOTTER IF NEEDED. MAKE SURE ALL EQUIPMENT IS SECURE BEFORE MOVING TRUCK. WALK AROUND BEFORE GETTING IN CAB. IF YOU ARE TOO TIRED TO DRIVE, TAKE A NAP BEFORE LEAVING LOCATION. STOP IF YOU BECOME SLEEPY

REQUIRED PPE

Check the boxes for all required PPE while conducting work tasks, for additional required PPE, describe in the box next to the "OTHER" field.

<input checked="" type="checkbox"/> HARD HAT	<input checked="" type="checkbox"/> HALF-FACE AIR PURIFYING RESPIRATOR	<input checked="" type="checkbox"/> OTHER:	Goggles
<input checked="" type="checkbox"/> SAFETY GLASSES	<input checked="" type="checkbox"/> PERSONAL MONITOR	<input checked="" type="checkbox"/> OTHER:	Chemical Gear.
<input checked="" type="checkbox"/> FR CLOTHING	<input checked="" type="checkbox"/> H2S <input checked="" type="checkbox"/> O2 <input checked="" type="checkbox"/> LEL <input checked="" type="checkbox"/> CO	<input type="checkbox"/> OTHER:	
<input checked="" type="checkbox"/> SAFETY TOE BOOTS	<input type="checkbox"/> FALL PROTECTION	<input type="checkbox"/> OTHER:	
	<input checked="" type="checkbox"/> HEARING PROTECTION		

FORM	Doc. No.: SAF-FO-6010-1	Rev.: 1
Job Safety Analysis (JSA) Form	Revision Date: 05-02-2022	Page 4 of 5
	Process Owner: Health, Safety, Environmental & Transportation	



<input checked="" type="checkbox"/> HAND PROTECTION			
---	--	--	--

Permit to Work	
Check the boxes for all required tasks which involve a permit to work, follow the required actions for each task. For tasks conducted simultaneously, all required actions for all tasks should be followed.	
Task	Required Actions
<input type="checkbox"/> Confined Space Entry	<ul style="list-style-type: none"> • Confined Space Entry shall NOT be conducted on a customer location. • Refer to SAF-PR-6005-1 Confined Space Entry • Follow service line specific confined space entry program. • Complete the following forms prior to confined space entry in a CES facility as applicable: <ul style="list-style-type: none"> ○ SAF-FO-6005-1 Confined Space Pre-entry Checklist ○ SAF-FO-6005-2 Confined Space Entry Permit
<input type="checkbox"/> Critical Lifts	<ul style="list-style-type: none"> • Refer to LFT-WI-6010-11 Critical Lift Planning & Operations • Complete the following forms as applicable prior to conducting lift: <ul style="list-style-type: none"> ○ LFT-FO-6010-1 Critical Lift Determination Worksheet ○ LFT-FO-6010-3 Critical Lift Plan
<input type="checkbox"/> Lock Out / Tag Out	<ul style="list-style-type: none"> • Follow service line specific LOTO Program • Complete all applicable energy isolation certifications and checklists as applicable
<input type="checkbox"/> Hot Work	<ul style="list-style-type: none"> • Refer to SAF-PR-6026-1 Hot Work • Complete form SAF-FO-6026-1 CES Hot Work Permit prior to beginning hot work as applicable.
<input type="checkbox"/> Hydrogen Sulfide (H2S)	<ul style="list-style-type: none"> • Refer to SAF-PR-6017-1 Hydrogen Sulfide • Complete the following forms as applicable prior to performing work: <ul style="list-style-type: none"> ○ SAF-FO-6017-1 Hydrogen Sulfide Pre-Entry Checklist ○ SAF-FO-6017-2 Hydrogen Sulfide Entry Permit
<input checked="" type="checkbox"/> Working at Heights	<ul style="list-style-type: none"> • This applies to working at heights above 4ft without engineered/administrative controls to prevent falling. • Refer to SAF-PR-6076-1 Fall Protection • Complete for SAF-FO-6076-1 Fall Protection Work Plan as applicable

