

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) (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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	SPIKES 21-1
Doc ID	1454146

All Electric Logs Run

ANNULAR HOLE VOLUME LOG 5 CASING
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
ARRAY RESISTIVITY SPECTRAL DENSITY DUAL SPACED NEUTRON SONIC QUAD COMBO LOG
BOREHOLE COMPENSATED SONIC LOG
MICROLOG
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	SPIKES 21-1
Doc ID	1454146

Tops

Name	Top	Datum
Heebner	3961	
Lansing	4056	
Kansas City	4456	
Marmaton	4746	
Atoka	5075	
Morrow	5320	
L Morrow	5584	
St Genevieve	5859	
St Louis	6025	



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1002716	1718	11/29/2018
INVOICE NUMBER			
92856994			

Pratt (620) 672-1201
 B MERIT ENERGY COMPANY
 I PO Box: 1293
 L LIBERAL
 T KS US 67901
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Spikes 21-1
 O LOCATION
 B COUNTY Stevens
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41147285	19919		Net - 30 days	12/29/2018
<i>For Service Dates: 11/24/2018 to 11/24/2018</i>				
0041147285				
171817235L Cement-New Well Casing/Pi 11/24/2018 Cement Conductor Casing/AFE#62239				
Premium Plus Cement	180.00	EA	12.23	2,201.40 T
Calcium Chloride	510.00	LB	0.79	402.90 T
Celloflake	90.00	LB	2.78	250.20 T
"Unit Mileage Chg (PU, cars one way)"	80.00	MI	3.38	270.40
Heavy Equipment Mileage	160.00	MI	5.63	900.80
Proppant & Bulk Del. Chgs., per ton mil	680.00	EA	1.88	1,278.40
Blending & Mixing Service Charge	180.00	SK	1.05	189.00
Cement Data Acquisition Monitor	1.00	EA	412.50	412.50
Depth Charge; 0-500'	1.00	EA	750.00	750.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25
Additional Discount Per Agreement	1.00	EA	678.69	678.69
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:		
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	SUB TOTAL		6,108.16
PO BOX 841903	801 CHERRY ST, STE 2100	TAX		214.09
DALLAS, TX 75284-1903	FORT WORTH, TX 76102	INVOICE TOTAL		6,322.25



1700 S. Country Estates Road
 Liberal, KS 67801
 PH (620)-624-2277 FAX (620) 624-2280

SERVICE ORDER - 1718 17235 L

Date: 11/24/2018

TTL MHR 31

Well Name: Spikes 21-1 Location: 21,31,3B
 County - State: Stevens, Ks RRC #: 19919-1
 Type Of Service: Z42 - Cement Conductor Casing Customer's Order #: 1002716-2002395 62239
 Customer: Merit Energy

Address: liberal.invoices@meritenergy.com
 AFE# 62239

As a consideration, the above named Customer agrees to pay Basic Energy Services in accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable NET 30 (SEE 10.2) after date of Invoice. Upon Customer's default in payment of Customers account by such date, Customer agrees to pay interest thereon after default of 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all the collection costs and attorney fees. These terms and conditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.

Basic Energy Services, warrants only title to the products, supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services, liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services, is expressly limited to the replacement of such products, supplies or materials or, at Basic Energy Services' option, to the allowance to the Customer of credit for the cost of such items. In no event shall Basic Energy Services be liable for special, indirect, punitive or consequential damages.

CODE	QTY	UOM	DESCRIPTION	PRICE	TOTAL
CL110	180	Sk	Premium Plus Cement	16.30	2934.00
CC109	510	Lb	Calcium Chloride	1.05	535.50
CC102	90	Lb	Celloflake	3.70	333.00
E101	160	Mi	Heavy Equipment Mileage	7.50	1200.00
CE240	180	Sk	Blanding & Mixing Service Charge	1.40	252.00
E113	680	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile	2.50	1700.00
CE200	1	4 Hrs	Depth Charge; 0-500'	1000.00	1000.00
E100	80	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	4.50	360.00
S003	1	Ea	Service Supervisor, first 8 hrs on loc.	175.00	175.00
T105	1	Ea	Cement Data Acquisition Monitor / Strip Chart Recorder	550.00	550.00

Well Spikes 21-1
 AFE 62239
 GI 83001075
 Office Hugoton
 Date 11-24-18

Book Total: \$9,039.50
 Taxes:
 Disc. Price: \$6,788.95
 10% Disc \$678.69
 Adjusted Price \$6,108.16

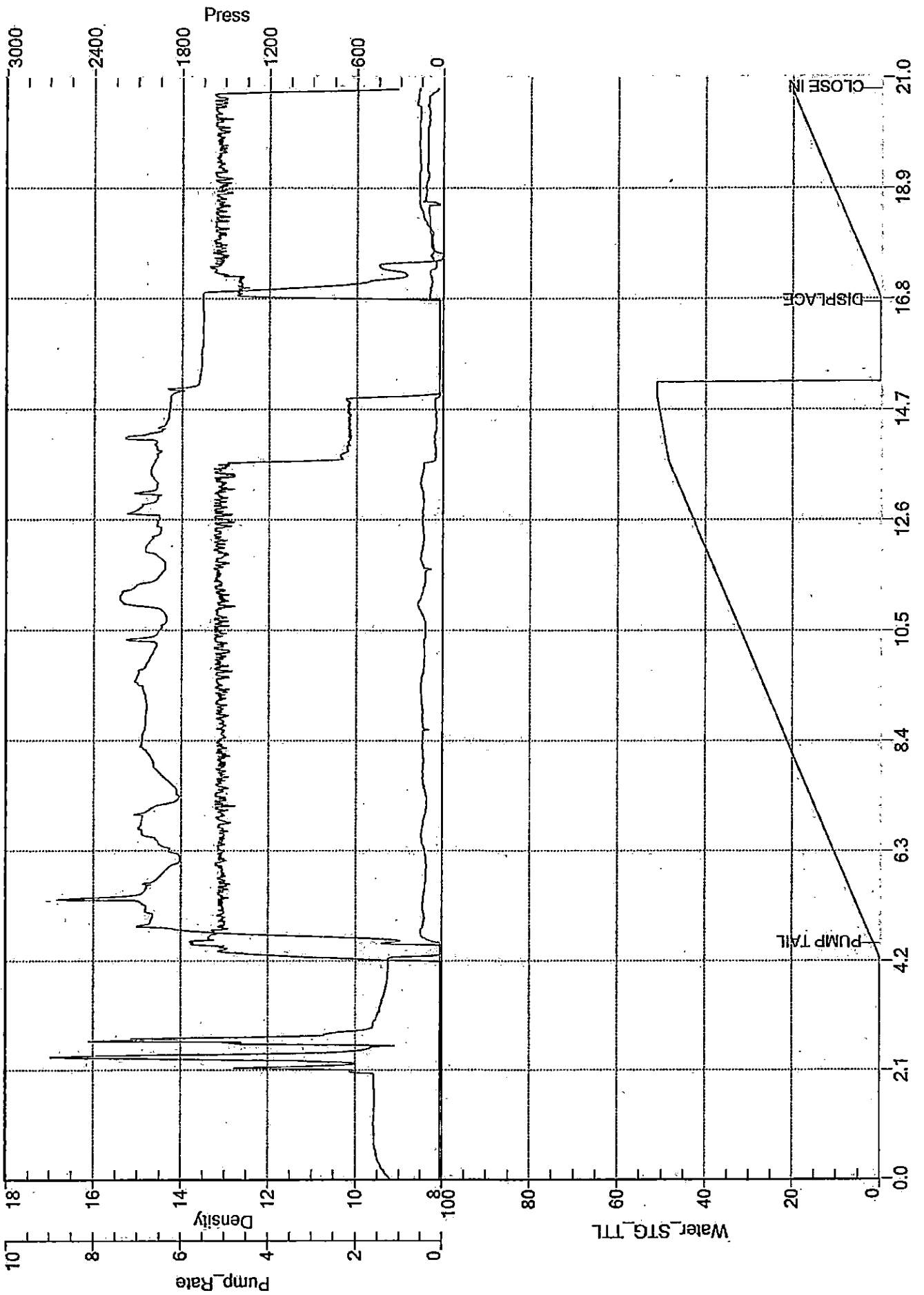
Additional 10% Discount as per Agreement on Cement Services

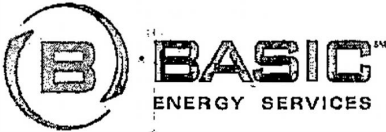
PUMP TRUCK NUMBER: 38117, 19919
 DRIVER: Sam Eueter
Daniel Bach
 BASIC ENERGY SERVICES

THIS JOB WAS SATISFACTORILY COMPLETED YES NO
 OPERATION OF EQUIPMENT WAS SATISFACTORY YES NO
 PERFORMANCE OF PERSONEL WAS SATISFACTORY YES NO
[Signature]
 CUSTOMER OR HIS AGENT

Customer Comments or Concerns:
Good Job!

Merit Energy Spikes #21-1





PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1002716	1718	11/30/2018
INVOICE NUMBER			
92857864			

Pratt (620) 672-1201
 B MERIT ENERGY COMPANY
 I PO Box: 1293
 L LIBERAL
 L KS US 67901
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Spikes 21-1
 O LOCATION
 B COUNTY Stevens
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi JOB
 T E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41147421	19919		Net - 30 days	12/30/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/26/2018 to 11/26/2018</i>				
0041147421				
171817236L Cement-New Well Casing/Pi 11/26/2018 Cement Surface Casing/AFE#62239				
A-Con Blend	410.00	EA	13.95	5,719.50
Premium Plus Cement	165.00	EA	12.23	2,017.95
Celloflake	288.00	LB	2.78	800.64
Calcium Chloride	1,470.00	LB	0.79	1,161.30
Guide Shoe - Regular, 8 5/8" (Blue)	1.00	EA	380.00	380.00
Flapper Type Insert Float Valves. 8 5/8"	1.00	EA	280.00	280.00
Top Rubber Cement Plug, 8 5/8"	1.00	EA	225.00	225.00
Cement Data Acquisition Monitor	1.00	EA	412.50	412.50
"Unit Mileage Chg (PU, cars one way)"	80.00	MI	3.38	270.40
Heavy Equipment Mileage	240.00	MI	5.63	1,351.20
Proppant & Bulk Del. Chgs., per ton mil	2,168.00	EA	1.88	4,075.84
Blending & Mixing Service Charge	575.00	SK	1.05	603.75
Plug Container Utilization Charge	1.00	EA	187.50	187.50
Depth Charge; 1001'-2000'	1.00	EA	1,125.00	1,125.00
*Service Supervisor, first 8 hrs on loc.	1.00	EA	131.25	131.25
Additional Discount Per Agreement	1.00	EA	1,874.18	1,874.18

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	16,867.65
BASIC ENERGY SERVICES,LP	BASIC ENERGY SERVICES,LP	TAX	727.45
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	17,595.10
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



1700 S. Country Estates Road
 Liberal, KS 67801
 PH (620)-624-2277 FAX (620) 624-2280

SERVICE ORDER - 1718 17236 L

Date: 11/26/2018

TTL MHR 36

Well Name: Spikes 21-1
 Location: 21,31,38
 County - State: Stevens, Ks
 RRC #: 19919-4.5
 Type Of Service: Z42 - Cement Surface Casing
 Customer's Order #: 1002716-260239 62239
 Customer: Merit Energy

Address: liberal.Invoices@meritenergy.com
 AFE# 62239

As a consideration, the above named Customer agrees to pay Basic Energy Services in accordance with the rates and terms stated in Basic Energy Services current price lists. Invoices are payable NET 30 (SEE 10.2) after date of invoice. Upon Customer's default in payment of Customer's account by such date, Customer agrees to pay interest thereon after default at 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all the collection costs and attorney fees. These terms and conditions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.

Basic Energy Services, warrants only title to the products, supplies and materials and that the same are free from defects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Basic Energy Services, liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies, or materials upon their return to Basic Energy Services, is expressly limited to the replacement of such products, supplies or materials or, at Basic Energy Services' option, to the allowance to the Customer of credit for the cost of such items. In no event shall Basic Energy Services be liable for special, indirect, punitive or consequential damages.

CODE	QTY	UOM	DESCRIPTION	PRICE	TOTAL
CL101	410	SK ✓	A-Con' Bland	18.60	7626.00
CL110	165	SK ✓	Premium Plus Cement	16.30	2689.50
CC102	288	Lb ✓	Celloflake	3.70	1065.60
CC109	1470	Lb ✓	Calcium Chloride	1.05	1543.50
CF253	1	Ea ✓	Guide Shoe - Regular, 8 5/8" (Blue)	380.00	380.00
CF1453	1	Ea ✓	Flapper Type Insert Float Valves, 8 5/8" (Blue)	280.00	280.00
CF105	1	Ea ✓	Top Rubber Cement Plug, 8 5/8"	225.00	225.00
E101	240	Mi	Heavy Equipment Mileage	7.50	1800.00
CE240	575	Sk	Blending & Mixing Service Charge	1.40	805.00
E113	2168	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile	2.50	5420.00
CE202	1	4 Hrs	Depth Charge; 1001'-2000'	1500.00	1500.00
CE504	1	Job	Plug Container Utilization Charge	250.00	250.00
E100	80	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	4.50	360.00
S003	1	Ea	Service Supervisor, first 8 hrs on loc.	175.00	175.00
T105	1	Ea	Cement Data Acquisition Monitor / Strip Chart Recorder	550.00	550.00

Well Spikes 21-1
 AFE 62239
 GL 83001075
 Office Hugoton
 Date 11-25-18

Book Total: \$24,669.60
 Taxes:
 Disc. Price: \$18,741.83
 10% Disc \$1,874.18
 Adjusted Price \$16,867.65

Additional 10% Discount as per Agreement on Cement Services

PUMP TRUCK NUMBER: 38117, 19919
 DRIVER: Sam Euler
Daniel Bush
 BASIC ENERGY SERVICES

THIS JOB WAS SATISFACTORILY COMPLETED
 OPERATION OF EQUIPMENT WAS SATISFACTORY
 PERFORMANCE OF PERSONEL WAS SATISFACTORY
 YES
 NO
[Signature]
 CUSTOMER OR HIS AGENT

Customer Comments or Concerns:
Good Job!



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

Job Log

Customer:	Merit Energy	Cement Pump No.:	38117, 19919 4.5Hrs.	Operator TRK No.:	95816		
Address:	liberal.invoices@meritenergy.com	Ticket #:	1718 17236 L	Bulk TRK No.:	14354, 19578 Oscar	70897, 37725 Ignacio	
City, State, Zip:	AFE# 62239	Job Types:	Z42 - Cement Surface Casing				
Service District:	1718 - Liberal, Ks.	Well Types:	OIL				
Well Name and No.:	Spikes 21-1	Well Location:	21,31,38	County:	Stevens	State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
A-Con Blend	410	3% Calcium Chloride, 1/2# Celloflake	14354, 19578 Oscar	Front	Back
Premium Plus Cement	165	3% Calcium Chloride, 1/2# Celloflake	70897, 37725 Ignacio	Front	Back
				Front	Back

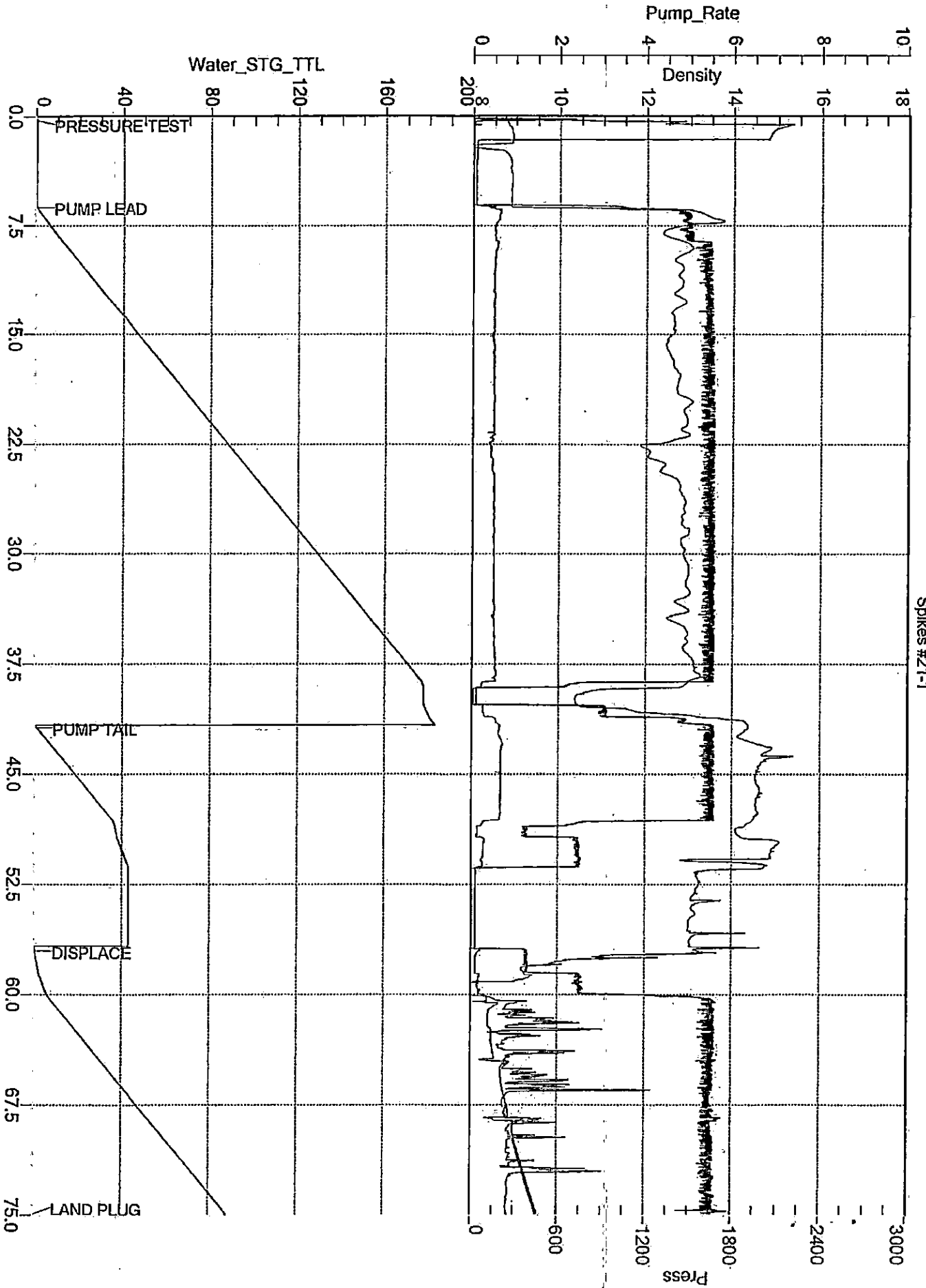
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	12.1	2.41	14	.988.1	TT Man Hours:	36
Tail:	14.8	1.35	6.32	222.75	# of Men on Job:	4

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
18:30							ON LOCATION
18:35							SAFETY MEETING
6:45 PM							RIG UP
8:15 PM							RIG TO CIRCULATE
8:45 PM							RIG TO PT
20:50							PRESSURE TEST TO 2050PSI
20:55	5	175.9 slurry				190	PUMP 410SX LEAD @ 12.1#
9:30 PM	5.5	136.6 slurry				190	PUMP 165SX TAIL @ 14.8# Set@1530
21:40							SHUTDOWN / DROP PLUG
21:46	5.6	10				120	DISPLACE
	5.6	20				140	
	5.5	30				210	
21:57	5.5	40				240	CEMENT RETURNS
	5.5	50				290	
	5.5	60				350	
	5.5	70				400	
	5.5	80				460	
22:05	5.5	85				500	SLOW RATE TO 2.0BPM @ 430PSI
	2	90				440	
22:10	2	94.6				470	LAND PLUG / PRESSURE UP TO 960PSI
							RELEASE BACK -- FLOAT HELD
							JOB COMPLETE

Size Hole	12 1/4"	Depth		TYPE		Plug Container	
Size & Wt. Csg.	8 5/8" 24#	Depth	1530.09'	New / Used		Depth	
Landing Press.	355.7psi	Depth				Depth	
Shoe Jt.	41.97'	Type				CIBP	

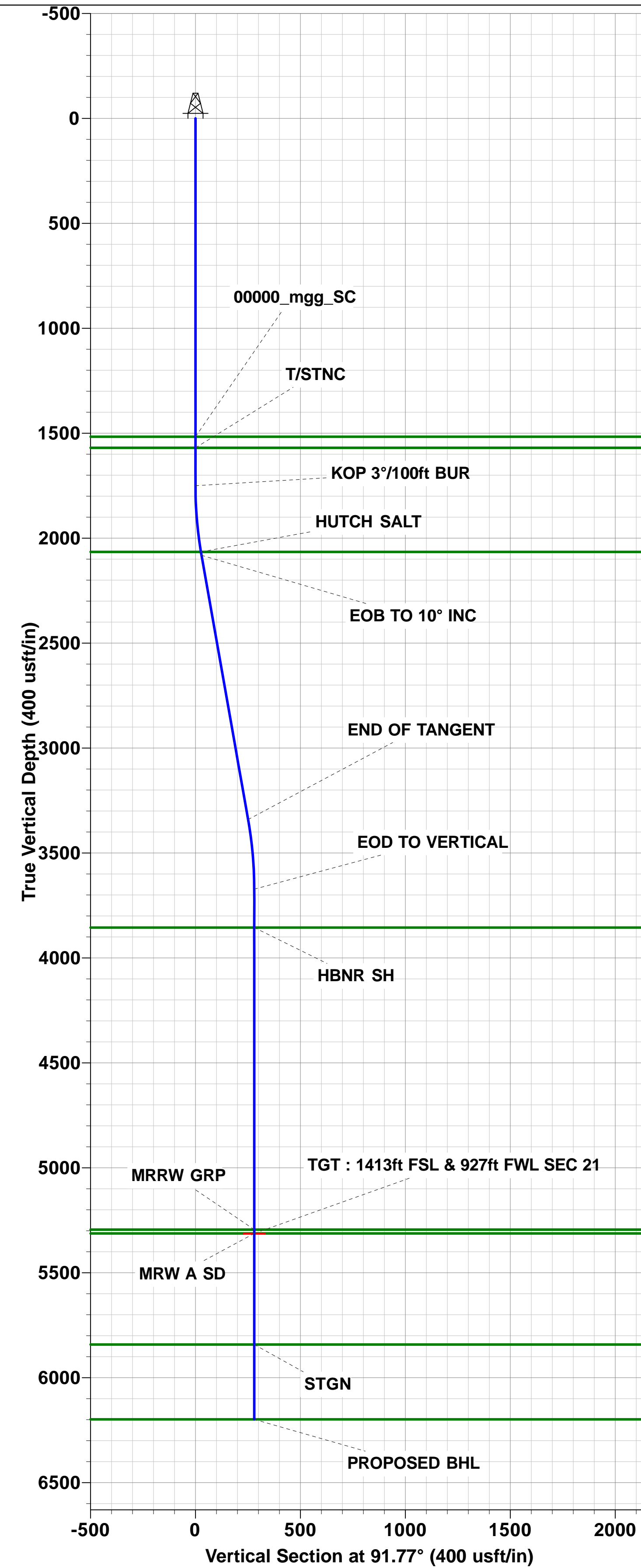
Customer Signature: *[Signature]* Basic Representative: Daniel Beck
 Basic Signature: *[Signature]*
 Date of Service: 11/26/2018

Merit Energy
Spikes #21-1



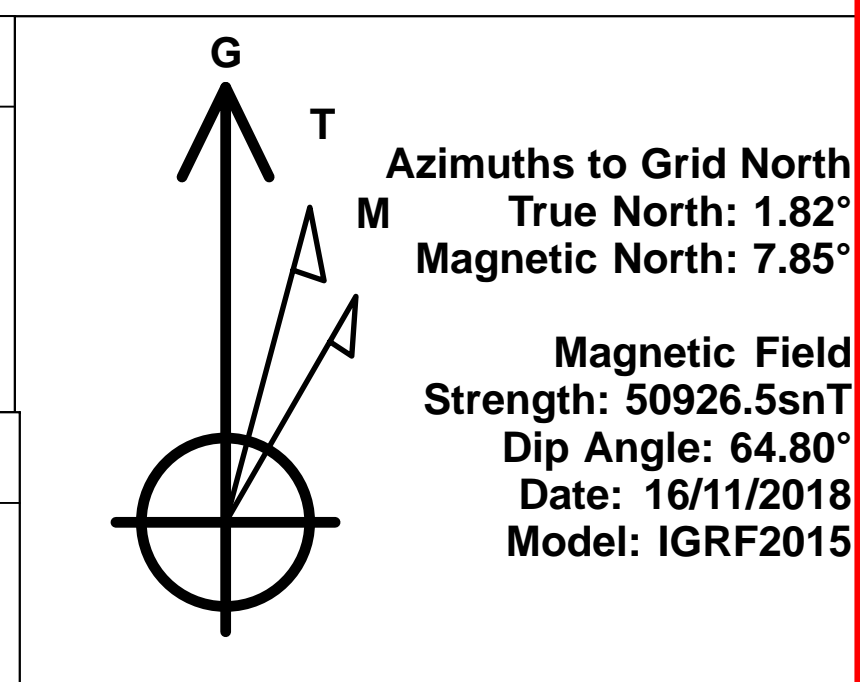


Project: STEVENS COUNTY, KANSAS (NAD27 - GRID)
 Site: NW SW SEC 21 T31S R38W 6th P.M.
 Well: SPIKES 21-1
 Wellbore: ORIGINAL WELLBORE
 Design: PROPOSAL #1



PROJECT DETAILS: STEVENS COUNTY, KANSAS (NAD27 - GRID)		
Geodetic System: US State Plane 1927 (Exact solution)		
Datum: NAD 1927 (NADCON CONUS)		
Ellipsoid: Clarke 1866		
Zone: Kansas South 1502		
Padsite: NW SW SEC 21 T31S R38W 6th P.M.		
FORMATION TOP DETAILS		
TVDPPath	MDPath	Formation
1516.98	1516.98	00000_mgg_SC
1569.42	1569.42	T/STNC
2065.32	2066.77	HUTCH SALT
3855.30	3878.11	HBNR SH
5294.65	5317.46	MRRW GRP
5312.85	5335.66	MRW A SD
5842.12	5864.93	STGN
6198.74	6221.55	TD

WELL DETAILS: SPIKES 21-1							
Ground Level: 3065.10							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.00	0.00	256653.68	1138552.57	37.333935	-101.463305		
DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
TGT - SPIKE 21-1	5313.00	-8.63	279.97	256645.05	1138832.54	37.333936	-101.462342



ANNOTATIONS										
TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL: 1413ft FSL & 647ft FWLS EC 21		
1750.00	1750.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP 3°/100ft BUR		
2081.64	2083.33	10.00	91.77	-0.89	29.00	29.01	29.01	EOB TO 10° INC		
3341.08	3362.20	10.00	91.77	-7.74	250.97	251.09	251.09	END OF TANGENT		
3672.72	3695.53	0.00	91.77	-8.63	279.97	280.10	280.10	EOD TO VERTICAL		
5313.00	5335.81	0.00	0.00	-8.63	279.97	280.10	280.10	TGT : 1413ft FSL & 927ft FWL SEC 21		
6199.00	6221.81	0.00	0.00	-8.63	279.97	280.10	280.10	PROPOSED BHL		

