

LEED ENERGY SERVICES, INC.
 303-654-9202
 P.O. BOX 329 • 1352 FACTORY DRIVE
 FORT LUPTON, CO 80621



NO. 56795

Date 9-12-17
 Customer Synergy State CO
 Well / Lease Aux 4110 D County Weld
 Company Rep. Robert Poole Time 6:30 To 11:00 Area _____ Rig No. Ranger 8
START FINISH

DESCRIPTION

Arrive to location, JSA on rig up, Rig up truck + run JSA on Pump Schedule
 3000psi Test Loss + Catch Circulation 1120 Good returns
 Tubing at 760', 280-ct G-cmt, mostly by scales, PH on water 7.5
 Rig nipple down + top off cont to surface
 Wash Pump truck, rig down + leave location

TOOL BOX SAFETY MEETING

ATTENDEES OTHER THAN LISTED BELOW

TOPIC

CHARGE RECORD

Rig Time _____ Hrs. @ _____ Per Hr. \$ _____	Fishing Tools x _____ \$ _____
Crew Travel x \$ _____	Light Plant x \$ _____
Mud Pump x Tank \$ _____	Swab Cups _____ # @ \$ _____ \$ _____
Base Beam \$ _____	Swab Cups _____ # @ \$ _____ \$ _____
Power Swivel x \$ _____	Oil Svr. Rbr. _____ # @ \$ _____ \$ _____
Washington Head \$ _____	TBG Wiper Rubber _____ # @ \$ _____ \$ _____
Blow-out Preventer x \$ _____	Rod Wiper Rubber _____ # @ \$ _____ \$ _____
Flanges x \$ _____	Sub Pay (# _____) @ \$ _____ \$ _____
Tool Pusher \$ _____	4th Hand <u>Cmt. Pump + B/LK</u> <u>2300'</u> \$ <u>2,300⁰⁰</u>
Mud Tank x \$ _____	5th Hand <u>G-cmt. @ 15/sk</u> <u>280-ct</u> \$ <u>4,200⁰⁰</u>
Power Rod Tongs x \$ _____	Other <u>Sigs. @ 6.5/10</u> <u>50 LBS</u> \$ <u>75⁰⁰</u>
Fuel _____ Gals. @ _____ Per Gal \$ _____	Other \$ _____
Pipe Dope @ \$ _____ Per Trip \$ _____	Other \$ _____
Washington/Stripper Rubber _____ # @ \$ _____ \$ _____	Other \$ _____
	Sales Tax x _____ % \$ _____

Total Charges \$ 6,575⁰⁰

CHARGE RECORD

Type Well Head _____ Mud Anchor _____ No. & Size Rods _____
 Packer Settings _____ Size Tubing _____ No. & Size Subs _____
 Type Packer _____ Subs _____ Pump Description (out) _____
 No. Jts. Tubing _____ Perf. Nppl. _____ (in) _____

Robert Poole
 SIGNATURE - CUSTOMER REPRESENTATIVE
Matt Black
 SIGNATURE - SUPERVISOR

	RIG	TRAVEL	TOTAL
OPERATOR			
DERRICKMAN			
FLOOR HAND			
FLOOR HAND			

LEED CEMENT REPORT

OPERATOR: <i>STG Energy</i>	DATE: <i>9/12/17</i>	API#
LEASE NAME: <i>AVR 41-20 D</i>	RIG # <i>8 Ranger</i>	COUNTY: <i>Weld</i>

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5
CEMENT DATE:	<i>9/12/17</i>				
SIZE OF HOLE OR PIPE IN WHICH PLUG PLACED:	<i>2 5/8 - 7 7/8</i>				
DEPTH TO BOTTOM OF TUBING OR DRILL PIPE:	<i>760'</i>				
SACKS OF CEMENT USED (EACH PLUG):	<i>280</i>				
SLURRY VOLUME PUMPED:	<i>57.5</i>				
MEASURED TOP OF PLUG:	<i>surface</i>				
SLURRY WT. #/GAL. :	<i>15.8</i>				
TYPE CEMENT:	<i>G</i>				
MUD FLUSH USED BBLS:	<i>0</i>				
CALCIUM CHLORIDE USED LBS:	<i>0</i>				
SUGAR USED LBS:	<i>50</i>				

[Signature]

 SIGNATURE OF CEMENTER OR AUTHORIZED REPRESENTATIVE

LEED

 NAME OF CEMENTING CO.



Job Summary

Ticket Number		Ticket Date	
TN#	FL2314	9/11/2017	

COUNTY	COMPANY	API Number
Weld	SRC Energy	05-123-35006
WELL NAME	RIG	JOB TYPE
Avex 41-10D	Ranger #8	Nio Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SENE 10 - 4N - 68W	Cheal, Sam	Robert Poole

EMPLOYEES		
Watkins, Robert		
Chapman, donald		

WELL PROFILE			
Max Treating Pressure (psi):	2000	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7 7/8	6669	7260	6669	7260
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4 1/2	11.6	P-110	0	7260	0	7260
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2 3/8	4.7		0	7185	0	7185
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	6669	To Depth (ft):	7185
Type: Nio Plug	Volume (sacks):	55	Volume (bbls):	11.2

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	2 bbls of Fresh Water	Calculated Displacement (bbl):	27.7
		Actual Displacement (bbl):	19.7
Total Preflush/Spacer Volume (bbl):	2	Plug Bump (Y/N):	N/A
Total Slurry Volume (bbl):	11.2	Lost Returns (Y/N):	No (if Y, when)
Total Fluid Pumped	32.9	Bump Pressure (psi):	N/A
Returns to Surface:	Mud		

Job Notes (fluids pumped / procedures / tools / etc.):

G-Neat cement squeeze - pumped 2bbls fresh water to establish circulation, mixed / pumped 11.2bbls cement @15.8ppg, Displaced 14.5bbls to spot cement into tubing. Rig stung into CICR. Squeezed cement into 7 7/8" OH with 5.2bbls fresh water. Shutdown. Stung out of CICR. CICR set @7,185ft. Perf holes set @7,260ft. Pumped job as per program / customers request.

Thank You For Using

O - TEX Pumping

Customer Representative Signature: _____



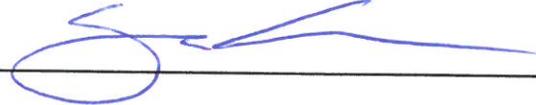
Field Cementing Water Analysis

Company: SRC Energy
 Well: Avex 41-10D

Test Date: 9/11/2017
 Ticket Number: FL2314

Ion	Sample Volume	Titer	Factor	Concentration	Units	Limit
pH				7		6 - 8
Calcium	50	170	0.801	136.17	mg/l	<300
Total Hardness				250	mg/l	<600
Chlorides				92	mg/l	<500
Alkalinity				350	mg/l CaCO ³	<600
Slurry Temperature				83	°F	50-80°F

Water Analysis Limits		
	Limits	Potential Impact of Excess
pH	6 - 8	Accelerate or Retard Set Time, Short & Long Term Stability Issues
Calcium	<300	Accelerate Set Times and Higher Mixing Viscosities
Total Hardness	<600	Accelerate or Retard Set Time and Higher Mixing Viscosities
Chlorides	<500	Accelerate Set Time, Higher Mixing Visc, Interfere with fluid loss chemical
Alkalinity	<600	Accelerate or Retard Set Time, Lower Compressive Strength, Higher Visc
Slurry Temperature	50-80°F	Blend will not perform as designed

O-Tex Supervisor Signature:  _____

Company Supervisor Signature: _____



Integrated Production Services

IPS E-line

P.O. BOX 201934
DALLAS, TX. 75320-1934
24 Hour Phone (970) 353-5118

Date
September 9, 2017

Company Name Synergy Resources		Well Name and Number AVEX 41-10D		Field Ticket Number 3812-0856
Address 20203 HWY 60		Well API # 05-123-35006	District Greeley CO 0928-200	Engineer
City/State/Zip Code Platteville, CO 80851		Latitude 40.313529	Wireline Unit Number 3812	Supervisor/Engineer CODY FORNENGO
County/Parish WELD	Field WATTENBERG	Longitude -104.987853	Rig Name & Number or Crane Unit Number RANGER RIG	Equipment Operator JOSH KERR
Field Engineer / Supervisor Signature <i>Cody Fornengo</i>			Equipment Operator	

RUN	TIME IN	TIME OUT	N	S	O	T	L	UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	UNIT PRICE	AMOUNT
	Job Time: 11:00	Shop Time: 9:00						1.0	1000-100	09/09	Service Charge Cased Hole Unit	\$ 1,500.00	\$ 1,500.00
	Leave Shop: 10:30	Arrive Location: 10:55				X		1.0	1120-010	09/09	Packoff Operation Charge0#-1000#	\$ 900.00	\$ 900.00
	Begin Rig Up: 11:00	Finish Rig Up: 11:20				X							
1	Time in 13:40	Time Out 14:30						7,208.0	1230-005	09/09	Junk Catcher / Gauge Ring Depth Charge	\$ 0.30	\$ 2,162.40
	From SURFACE	To 7,208'						1.0	1240-005	09/09	Junk Catcher / Gauge Ring Operation Charge	\$ 1,000.00	\$ 1,000.00
	Service in JB/GR (to 7,208')		2										
2	Time in 14:35	Time Out 15:20					X	7,185.0	1230-004	09/09	Cement Retainer Depth Charge	\$ 0.30	\$ 2,155.50
	From SURFACE	To 7,185'						1.0	1240-004	09/09	Cement Retainer Operation Charge	\$ 1,000.00	\$ 1,000.00
	Service C/CementRetainer (set @ 7,185')		2					1.0	1230-023	09/09	Standard Set Power Charge	\$ 250.00	\$ 250.00
3	Time in	Time Out											
	From	To											
	Service												
4	Time in	Time Out											
	From	To											
	Service												
5	Time in	Time Out											
	From	To											
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6	Time in	Time Out											
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12	Time in	Time Out											
	From	To											
	Service												
13	Time in	Time Out											
	From	To											
	Service												
14	Time in	Time Out											
	From	To											
	Service												
	Begin Rig Down: 15:20	Finish Rig Down: 15:35											
	Leave Location: 15:35	Arrive Shop: 16:05				X	X						
	Operating Hrs: 2:10	Standby Hours: 0:00	4	0									
	Total Field Hrs: 3:05	Travel Time Hrs: 0:55											
	Total Trip Miles: 30	Lost Time Hrs: 0:00											
	Line Size: 9/32"	Line Length: 17,000'											
	Wellhead Volts: 0	Rig Volts: 0											
WELL DATA													
Casing Size: 4.5"	Liner Size:												
Tubing Size:	Drill pipe Size:												
Drill Collar Size:	Minimum I.D.:												
Fluid Level:	Deviation:												
Max. Temp:	Max. Pressure:												
Field Prints:	Final Prints:												
Comments:													
												SUB TOTAL	\$ 8,967.90
												LESS DISCOUNT	\$ (6,867.90)
												NON DISCOUNTED ITEMS	
												SUB TOTAL	\$ 2,100.00
												TOTAL	\$ 2,100.00
												P.O. Number	8305-660 AFE#000334
												AFE Number	8305-660 AFE#000334

All invoices Payable in Box 201934 Dallas, Dallas CO., TX 75320-1934.
TERMS: NET 30 DAYS.

Concerning irremediable loss of sealed sources, both Integrated Production Services E-Line and customer agree to abide by 25 TAC § 289.253 and NRC Part 39.77.

The Services (as defined in the Terms) related to this Field Invoice Ticket shall be governed exclusively by the Integrated Production Services Corporation Customer Agreement General Terms and Conditions (the "Terms"), which are expressly incorporated herein by reference. The Terms are available upon request and at Warrior's website (<http://www.superiorenergy.com>). Acceptance of the Terms shall be by the earlier of the date of signing above or by acknowledgment as described in Section 1 of the Terms, including without limitation by beginning performance.

Customer Signature _____ Customer Printed Name _____



Integrated Production Services

IPS E-line

P.O. BOX 201934
DALLAS, TX. 75320-1934
24 Hour Phone (970) 353-5118

Date
September 8, 2017

Company Name Synergy Resources		Well Name and Number AVEX 41-10D		Field Ticket Number 7770-1087
Address 20203 HWY 60		Well API # 05-123-35006	District Greeley CO 0928-200	Engineer Ryan Alles
City/State/Zip Code Platteville, Co. 80851		Latitude 40.331343	Wireline Unit Number 7770	Supervisor/Engineer
County/Parish Weld	Field Wattenburg	Longitude -104.984898	Rig Name & Number or Crane Unit Number Ranger Rig	Equipment Operator Adrian Chavez
Field Engineer / Supervisor Signature			Equipment Operator	Equipment Operator

RUN	RUN DATA		N	S	S	O	T	L	UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	UNIT PRICE	AMOUNT
	Job Time: 11:00	Shop Time: 5:30							1.0	1000-100		Service Charge Cased Hole Unit	\$ 1,500.00	\$ 1,500.00
	Leave Shop: 10:00	Arrive Location: 10:30						X	1.0	1120-010		Packoff Operation Charge0#-1000#	\$ 900.00	\$ 900.00
	Begin Rig Up: 10:30	Finish Rig Up: 10:45					X							
1	Time in 14:05	Time Out 14:30							6,000.0	1230-005		Junk Catcher / Gauge Ring Depth Charge	\$ 0.30	\$ 1,800.00
	From Surface	To 1320'							1.0	1240-005		Junk Catcher / Gauge Ring Operation Charge	\$ 1,000.00	\$ 1,000.00
	Service in GR/IB to 1320'		2											
2	Time in 14:40	Time Out 15:00						X	6,000.0	1230-005		Junk Catcher / Gauge Ring Depth Charge	\$ 0.30	\$ 1,800.00
	From Surface	To 1340'							1.0	1240-005		Junk Catcher / Gauge Ring Operation Charge	\$ 1,000.00	\$ 1,000.00
	Service GR/IB to 1340'		2											
3	Time in	Time Out												
	From	To												
	Service													
4	Time in	Time Out												
	From	To												
	Service													
5	Time in	Time Out												
	From	To												
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6	Time in	Time Out												
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13	Time in	Time Out												
	From	To												
	Service													
14	Time in	Time Out												
	From	To												
	Service													
SUB TOTAL													\$	8,000.00
LESS DISCOUNT													\$	(7,500.00)
Begin Rig Down: 15:00	Finish Rig Down: 15:20							X				NON DISCOUNTED ITEMS		
Leave Location: 15:30	Arrive Shop: 16:30							X						
Operating Hrs: 1:20	Standby Hours: 0:00	4	0											
Total Field Hrs: 2:50	Travel Time Hrs: 1:30													
Total Trip Miles: 70	Lost Time Hrs: 0:00													
Line Size:	Line Length:													
Wellhead Volts: 0	Rig Volts: 0													
WELL DATA														
Casing Size: 4.5	Liner Size:													
Tubing Size:	Drill pipe Size:													
Drill Collar Size:	Minimum I.D.:													
Fluid Level:	Deviation:													
Max. Temp:	Max. Pressure:													
Field Prints:	Final Prints:													
Comments:														
SUB TOTAL													\$	500.00
TOTAL													\$	500.00
P.O. Number													AFE Number 8305-660 afe#000334	

All invoices Payable in Box 201934 Dallas, Dallas CO., TX 75320-1934.

TERMS: NET 30 DAYS.

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Customer Signature

Customer Printed Name



Integrated Production Services

IPS E-line

P.O. BOX 201934
DALLAS, TX. 75320-1934
24 Hour Phone (970) 353-5118

Date
September 12, 2017

Company Name Synergy Resources		Well Name and Number AVEX 41-10D		Field Ticket Number 4310-1008
Address 20203 HWY 60		Well API # 05-123-35006	District Greeley CO 0928-200	Engineer Nate Brehmer
City/State/Zip Code Platteville, CO 80851		Latitude 40.331343	Wireline Unit Number 4310	Supervisor/Engineer Nate Brehmer
County/Parish Weld	Field Wattenburg	Longitude -104.984898	Rig Name & Number or Crane Unit Number RANGER RIG	Equipment Operator Ryan Alles
Field Engineer / Supervisor Signature			Equipment Operator	Equipment Operator

RUN	RUN DATA			NS	SI	S	O	T	L	U	NITS	CODE	DATE	DEPTHS AND DESCRIPTION		UNIT PRICE	AMOUNT
	Job Time	Shop Time	Arrive Location											Service Charge Cased Hole Unit	Packoff Operation Charge#-1000#		
	7:00	5:30	6:30														
	5:55		6:50				X		X	1.0	1000-100				\$ 1,500.00	\$ 1,500.00	
	6:30		6:50							1.0	1120-010				\$ 900.00	\$ 900.00	
1	7:20	7:25	7:10							6,000.0	1050-001				\$ 0.36	\$ 2,160.00	
	From SURFACE To 710									1.0	1050-004				\$ 1,700.00	\$ 1,700.00	
	Service in Jet Cutter(cut Casing@710)			2													
2	Time in	Time Out															
	From	To															
	Service																
3	Time in	Time Out															
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14	Time in	Time Out															
	From	To															
	Service																
SUB TOTAL															\$	6,260.00	
LESS DISCOUNT															\$	(4,760.00)	
NON DISCOUNTED ITEMS																	
Begin Rig Down:	7:25	Finish Rig Down:	7:40				X										
Leave Location:	7:40	Arrive Shop:	8:10														
Operating Hrs:	0:40	Standby Hours:	0:00	2	0												
Total Field Hrs:	1:45	Travel Time Hrs:	1:05														
Total Trip Miles:	50	Lost Time Hrs:	0:00														
Line Size:		Line Length:															
Wellhead Volts:	0	Rig Volts:	0														
WELL DATA																	
Casing Size:	4 1/2	Liner Size:															
Tubing Size:		Drill pipe Size:															
Drill Collar Size:		Minimum I.D.:															
Fluid Level:		Deviation:															
Max. Temp.:		Max. Pressure:															
Field Prints:		Final Prints:															
Comments:																	
SUB TOTAL															\$	1,500.00	
TOTAL															\$	1,500.00	
P.O. Number															AFE Number 8305-660 AFE:000334		

All Invoices Payable in Box 201934 Dallas, Dallas CO., TX 75320-1934.
TERMS: NET 30 DAYS.

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Customer Signature

Customer Printed Name



Centennial

Tools & Services LLC

P.O. BOX 296 Kersey, CO 80644

Phone: 970-301-2030 Fax: 970-373-3307

Field Ticket #

3956

Date

9/11/2017

Bill To Customer:	Synergy Resources Corp.	PO#	Lease Name:	Avex Well	Well #:	41-10-D
Address:	20203 Highway 60	Field:	County:	weld	St:	co.
City:	Platteville	Legal Description:	Job Type:	Casing Sz & Wt:	Service Man	Jose Gonzalez
State:	CO	Zip:	80651			
Ordered By:	Robert P.					

NO.	RENTALS/SALES	QTY	PRICE	DISC	TOTAL
1	Sale of 4-1/2 Cast Iron Cement Retainer	1	1,100.00		\$1,100.00
2	Rental of 4-1/2 wireline adapter kit/Stinger	1	350.00		350.00
3	Rental of 4-1/2 casing spear	1	1,350.00		1,350.00
4	Rental of 10-3/4 surface wellhead	1	350.00		350.00
5					0.00
6					0.00
7					0.00
8					0.00
9					0.00
10					0.00
11					0.00
12					0.00
13					0.00
14					0.00

Subtotal Taxable Charges

\$3,150.00

SERVICE MANS TIME

Service Man Time

3 \$650.00

\$1,950.00

Subtotal Non-Taxable Charges

\$1,950.00

MILEAGE

Mileage

40 \$2.50

\$100.00

Mileage

40 \$2.50

100.00

Mileage

40 \$2.50

100.00

Subtotal Non-Taxable Charges

\$300.00

Terms: Net 30 Days

Total Service & Material:

\$5,400.00

Tax:

\$91.35

TOTAL CHARGES:

\$5,491.35

Authorized Agent:

Date: