KOLAR Document ID: 1350929

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
GOVV Territt #.	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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					
Confidential Release Date:					
☐ Wireline Log Received ☐ Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II Approved by: Date:					

KOLAR Document ID: 1350929

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
						Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion		
Operator	Coachman Energy Operating Company LLC		
Well Name	PENNEY 1-14-15-20		
Doc ID	1350929		

All Electric Logs Run

Microsensitivity
Dual Induction
Borehole Volume
Borehole Compensated Sonic
Litho Density Neutron

Form	ACO1 - Well Completion			
Operator	Coachman Energy Operating Company LLC			
Well Name	PENNEY 1-14-15-20			
Doc ID	1350929			

Tops

Name	Тор	Datum
Anhydrite Top	1272	+780
Anhydrite Bottom	1319	+733
Stottler	2857	-805
Tarkio	2901	-849
Topeka	3021	-969
King Hill	3147	-1095
Queen Hill	3208	-1156
Heebner	3293	-1241
Toronto	3312	-1260
Lansing	3338	-1286
Base KC	3582	-1530
Marmaton	3608	-1556
Pawnee	3624	-1572

Form	ACO1 - Well Completion	
Operator	Operator Coachman Energy Operating Company LLC	
Well Name	PENNEY 1-14-15-20	
Doc ID	1350929	

Perforations

Shots Per Foot Perforation Record		Material Record	Depth
4	3639-3648	150 Gal 15%	3648

Form	ACO1 - Well Completion		
Operator	Coachman Energy Operating Company LLC		
Well Name	PENNEY 1-14-15-20		
Doc ID	1350929		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	221	80/20 Poz	170	3% cc/2% gel
Production	7.875	5.5	15.5	3765	Q Pro C	155	10% salt/5% gilsonite



Coachman Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410

Penny #1-14-15-20

Denver Co, 80202

Job Ticket: 63518 DST#: 1

ATTN: Charlie Sturdavant/

Test Start: 2017.03.23 @ 20:35:00

GENERAL INFORMATION:

Formation: Lansing 'C and D'z

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) ft (KB)

Time Tool Opened: 22:24:00 Time Test Ended: 02:37:00

Interval:

Unit No: 84

Tester: Spencer J. Staab

3322.00 ft (KB) To 3390.00 ft (KB) (TVD)

Reference Elevations: 2052.00 ft (KB)

Total Depth: 3390.00 ft (KB) (TVD)

2044.00 ft (CF) KB to GR/CF: 8.00 ft

7.88 inches Hole Condition: Fair Hole Diameter:

Serial #: 8934 Inside

Press@RunDepth: 118.43 psig @ 3328.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2017.03.23 End Date: 2017.03.24 Last Calib.: 2017.03.24 Start Time: 20:35:05 End Time: 02:36:59 Time On Btm: 2017.03.23 @ 22:23:45

Time Off Btm: 2017.03.24 @ 00:39:45

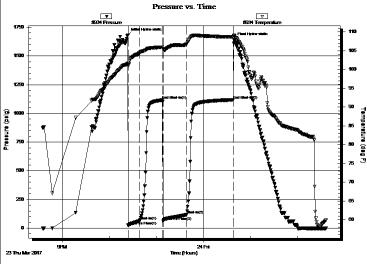
PRESSURE SUMMARY

TEST COMMENT: 15-IF-BOB in 5 minutes

30-ISI-Slight Surface Blow Throughout

30-FF-BOB in 30 seconds

60-FSI-Fair Blow Throughout; Built to 4 and 3/4 inches; died back to 4 inches



PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	1680.58	101.60	Initial Hydro-static			
	1	23.24	101.03	Open To Flow (1)			
	16	64.00	104.52	Shut-In(1)			
	44	1115.44	105.89	End Shut-In(1)			
	45	60.99	105.47	Open To Flow (2)			
	75	118.43	106.71	Shut-In(2)			
ć	135	1117.56	108.69	End Shut-In(2)			
9	136	1640.51	108.92	Final Hydro-static			

Recovery

Length (ft)	Description	Volume (bbl)
12.00	GOCM 5% G 5%O 90%M	0.17
60.00	OCM 5%O 95%M	0.84
30.00	GMO 30%G 20%M 50%O	0.42
120.00	MCO 20%M 80%O	1.68
40.00	OGCM 5%O 35%G 60%M	0.56

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Gas Rates

Trilobite Testing, Inc. Ref. No: 63518 Printed: 2017.03.24 @ 08:03:05



Coachman Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202 Penny #1-14-15-20

Job Ticket: 63518

ATTN: Charlie Sturdavant/

Test Start: 2017.03.23 @ 20:35:00

GENERAL INFORMATION:

Formation: Lansing ' C and D' z

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 22:24:00 Time Test Ended: 02:37:00

Interval:

Total Depth:

Tester: Spencer J. Staab

Unit No: 84

3322.00 ft (KB) To 3390.00 ft (KB) (TVD) 3390.00 ft (KB) (TVD) Reference Elevations: 2052.00 ft (KB)

2044.00 ft (CF)

DST#: 1

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 9120 Inside

Press@RunDepth: psig @ 3328.00 ft (KB)

Capacity: 8000.00 psig

 Start Date:
 2017.03.23
 End Date:
 2017.03.24
 Last Calib.:
 2017.03.24

 Start Time:
 20:35:15
 End Time:
 02:37:00
 Time On Btm:

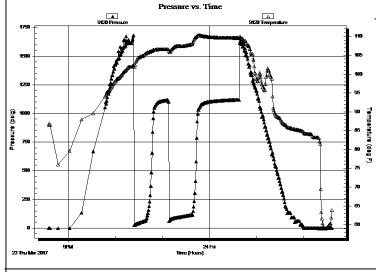
Time Off Btm:

TEST COMMENT: 15-IF-BOB in 5 minutes

30-ISI-Slight Surface Blow Throughout

30-FF-BOB in 30 seconds

60-FSI-Fair Blow Throughout; Built to 4 and 3/4 inches; died back to 4 inches



. I			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
12.00	GOCM 5% G 5%O 90%M	0.17
60.00	OCM 5%O 95%M	0.84
30.00	GMO 30%G 20%M 50%O	0.42
120.00	MCO 20%M 80%O	1.68
40.00	OGCM 5%O 35%G 60%M	0.56

Gas Rates		
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 63518 Printed: 2017.03.24 @ 08:03:05



FLUID SUMMARY

DST#: 1

Coachman Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202

ATTN: Charlie Sturdavant/

Penny #1-14-15-20

Job Ticket: 63518

Test Start: 2017.03.23 @ 20:35:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 50.00 sec/qt Cushion Volume: bbl

Water Loss: 7.60 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 9600.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
12.00	GOCM 5% G 5%O 90%M	0.168
60.00	OCM 5%O 95%M	0.842
30.00	GMO 30%G 20%M 50%O	0.421
120.00	MCO 20%M 80%O	1.683
40.00	OGCM 5%O 35%G 60%M	0.561

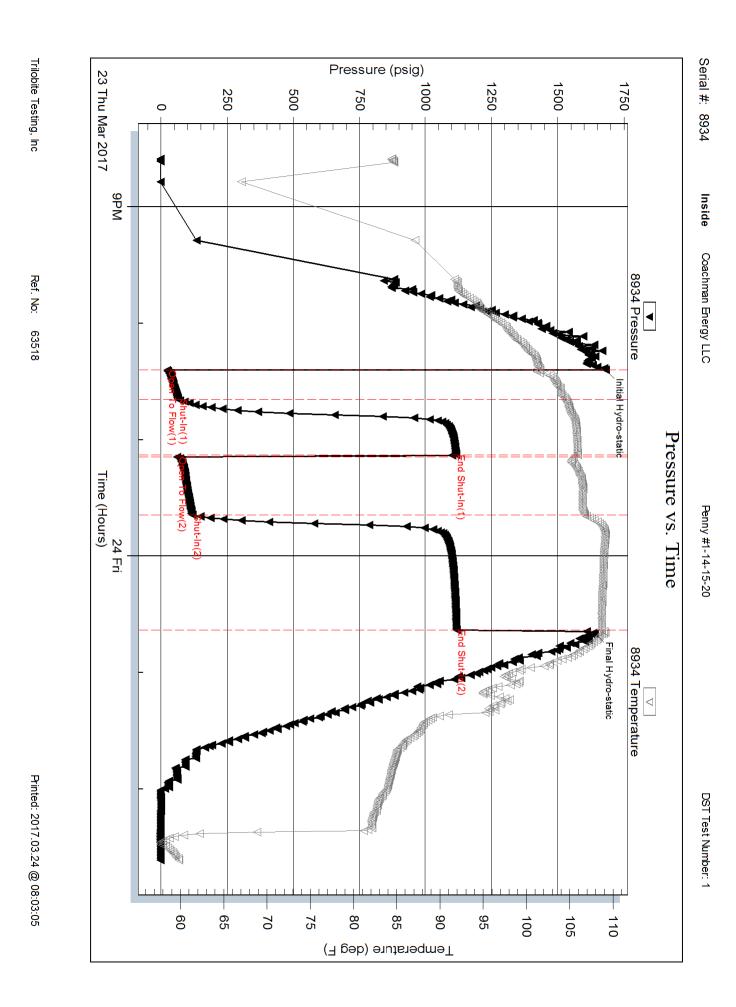
Total Length: 262.00 ft Total Volume: 3.675 bbl

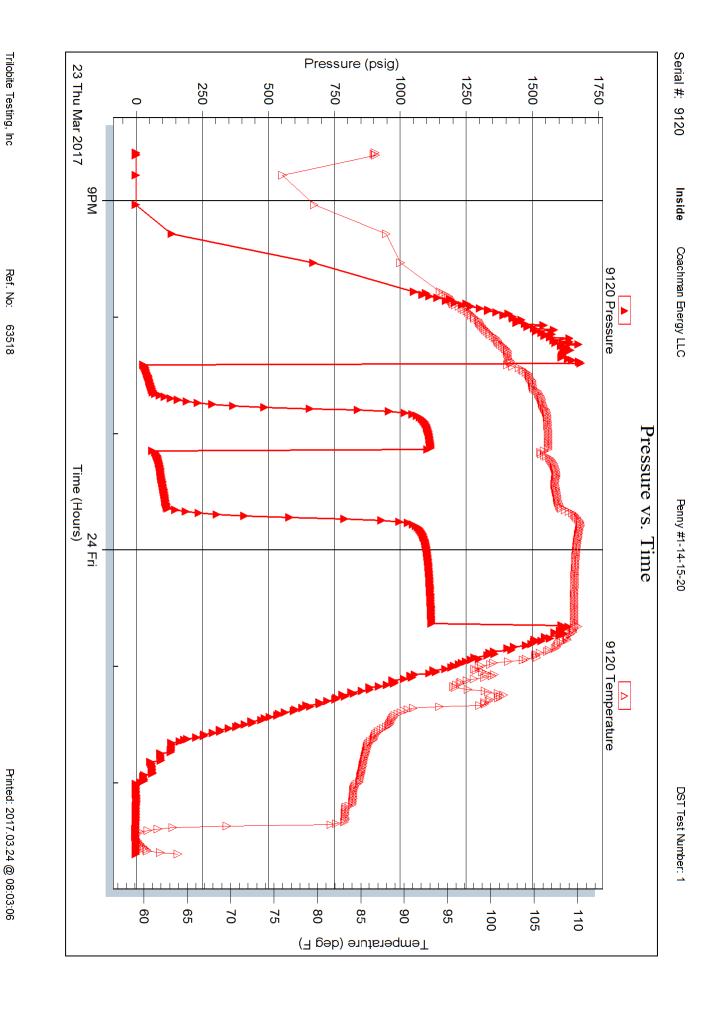
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 2# LCM

Trilobite Testing, Inc Ref. No: 63518 Printed: 2017.03.24 @ 08:03:05







Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202

Job Ticket: 63519 DST#: 2

Spencer J. Staab

2052.00 ft (KB)

2044.00 ft (CF)

84

Penny #1-14-15-20

Tester:

Unit No:

ATTN: Charlie Sturdavant/ Test Start: 2017.03.24 @ 11:32:00

GENERAL INFORMATION:

Formation: Lansing 'E and F' zo

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Reset) ft (KB)

Time Tool Opened: 13:12:15 Time Test Ended: 17:34:15

Interval: 3390.00 ft (KB) To 3420.00 ft (KB) (TVD) Reference Elevations:

Total Depth: 3420.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

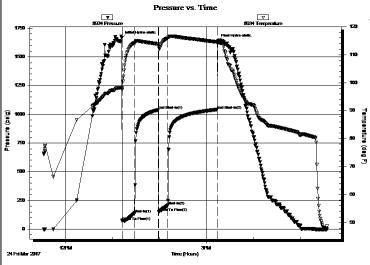
Serial #: 8934 Outside

Press@RunDepth: 3391.00 ft (KB) Capacity: 207.22 psig @ 8000.00 psig

Start Date: 2017.03.24 End Date: 2017.03.24 Last Calib.: 2017.03.24 Start Time: 11:32:05 End Time: 17:34:14 Time On Btm: 2017.03.24 @ 13:12:00 Time Off Btm: 2017.03.24 @ 15:14:30

TEST COMMENT: 15-IF-BOB in 45 seconds

30-ISI-BOB in 12 minutes 15-FF-BOB instantaneously 60-FSI-BOB in 3 minutes



Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1663.21	98.14	Initial Hydro-static
	1	70.69	97.44	Open To Flow (1)
	16	136.32	114.16	Shut-In(1)
١	47	1037.55	113.83	End Shut-In(1)
	48	150.87	112.55	Open To Flow (2)
1	59	207.22	115.86	Shut-In(2)
	123	1040.34	114.49	End Shut-In(2)
1	123	1633.09	114.73	Final Hydro-static

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)		
250.00	250.00 Gassy Oil 50%G 50%O 190.00 Gassy Mud Cut Oil 30%G 20%M 50%O 60.00 MCO 10%M 90%O			
190.00				
60.00				
60.00	Gassy Oil 50%G 50%O	0.84		
* Recovery from multiple tests				

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 63519 Printed: 2017.03.24 @ 20:43:35



Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202 Penny #1-14-15-20

Job Ticket: 63519

Tester:

Unit No:

DST#: 2

ATTN: Charlie Sturdavant/

Test Start: 2017.03.24 @ 11:32:00

84

GENERAL INFORMATION:

Formation: Lansing 'E and F' zo

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:12:15 Time Test Ended: 17:34:15

Interval:

3390.00 ft (KB) To 3420.00 ft (KB) (TVD) Reference Elevations:

Total Depth: 3420.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

2052.00 ft (KB) 2044.00 ft (CF)

KB to GR/CF: 8.00 ft

Spencer J. Staab

Serial #: 9120 Inside

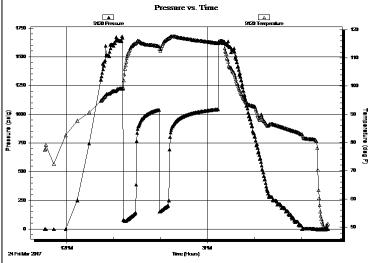
 Press@RunDepth:
 psig
 @
 3391.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2017.03.24 End Date: 2017.03.24 Last Calib.: 2017.03.24

Start Time: 11:32:15 End Time: 17:34:15 Time On Btm: Time Off Btm:

TEST COMMENT: 15-IF-BOB in 45 seconds

30-ISI-BOB in 12 minutes 15-FF-BOB instantaneously 60-FSI-BOB in 3 minutes



				(L 001/11/17 11 (1
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
2				
Tamparatura (dag F)				
J				

Recovery

Length (ft)	Description	Volume (bbl)		
250.00	50.00 Gassy Oil 50%G 50%O			
190.00	Gassy Mud Cut Oil 30%G 20%M 50%O	2.67		
60.00	MCO 10%M 90%O	0.84		
60.00	Gassy Oil 50%G 50%O	0.84		
* Recovery from multiple tests				

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 63519 Printed: 2017.03.24 @ 20:43:35



FLUID SUMMARY

Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410

Penny #1-14-15-20

DST#: 2

Denver Co, 80202

Job Ticket: 63519

ATTN: Charlie Sturdavant/

Test Start: 2017.03.24 @ 11:32:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:39 deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 40.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 10000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	Gassy Oil 50%G 50%O	3.507
190.00	Gassy Mud Cut Oil 30%G 20%M 50%O	2.665
60.00	MCO 10%M 90%O	0.842
60.00	Gassy Oil 50%G 50%O	0.842

Total Length: 560.00 ft Total Volume: 7.856 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 2# LCM

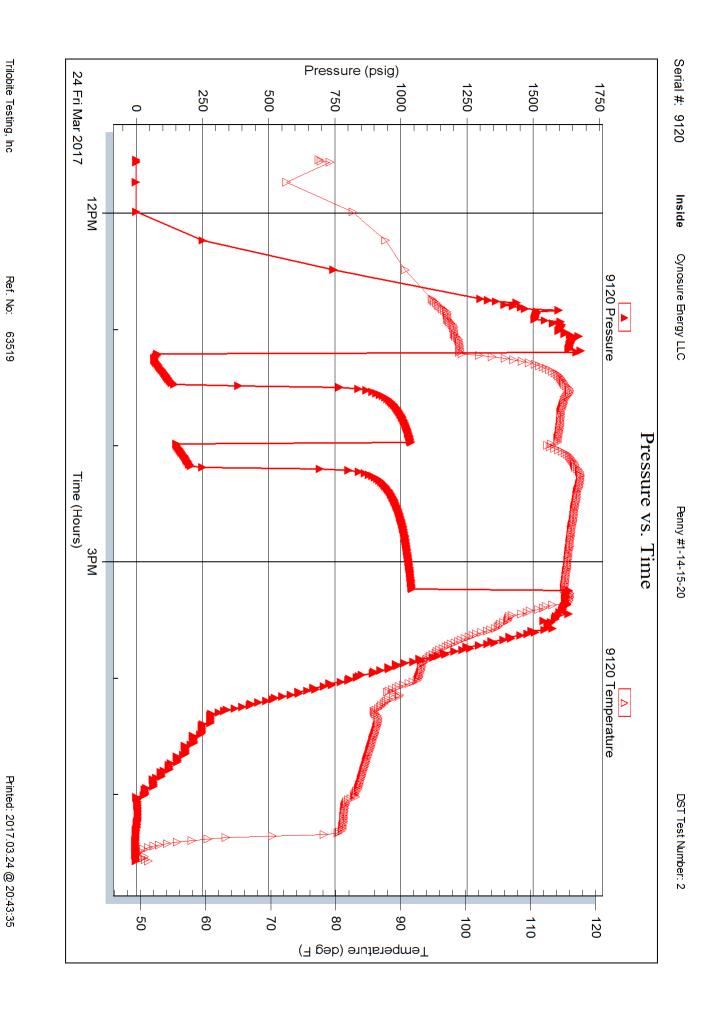
Trilobite Testing, Inc Ref. No: 63519 Printed: 2017.03.24 @ 20:43:35

Trilobite Testing, Inc

Ref. No:

63519

Printed: 2017.03.24 @ 20:43:35





Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202

Job Ticket: 63520 DST#: 3

ATTN: Charlie Sturdavant/

Test Start: 2017.03.25 @ 11:44:00

GENERAL INFORMATION:

Formation: Lansing 'H-I-J-K' zo

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Reset) ft (KB)

2017.03.25

19:02:29

Time Tool Opened: 13:26:45 Time Test Ended: 19:02:30

Interval:

Start Date:

Tester: Spencer J. Staab Unit No: 84

Penny #1-14-15-20

3456.00 ft (KB) To 3563.00 ft (KB) (TVD)

Reference Elevations:

2052.00 ft (KB)

Total Depth: 3563.00 ft (KB) (TVD)

2044.00 ft (CF) KB to GR/CF: 8.00 ft

Hole Diameter: 7.88 inches Hole Condition: Fair

Serial #: 8934 Inside

Press@RunDepth: 308.56 psig @ 3463.00 ft (KB)

> 2017.03.25 End Date:

Capacity: Last Calib.: 8000.00 psig

Start Time: 11:44:05 End Time:

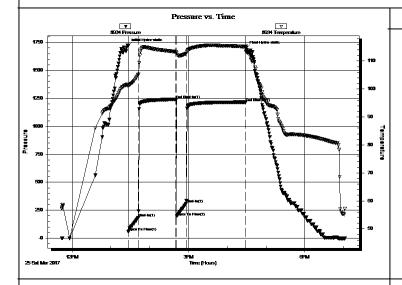
Time On Btm:

2017.03.25 2017.03.25 @ 13:26:30

Time Off Btm: 2017.03.25 @ 16:29:15

TEST COMMENT: 15-IF-BOB in 2 minutes

60-ISI-BOB in 8 minutes 15-FF-BOB instantaneously 90-FSI-BOB in 5 minutes



	Pl	RESSUR	RE SUMMARY
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	

THILE	Tressure	Temp	Ailiotation
(Min.)	(psig)	(deg F)	
0	1717.98	101.67	Initial Hydro-static
1	58.76	100.99	Open To Flow (1)
16	184.54	105.12	Shut-In(1)
74	1239.99	113.29	End Shut-In(1)
76	195.08	112.74	Open To Flow (2)
90	308.56	112.70	Shut-In(2)
182	1215.90	115.08	End Shut-In(2)
183	1699.19	114.04	Final Hydro-static
			l

Recovery

Length (ft)	Description	Volume (bbl)		
840.00	GMCO 10%M 20%G 70%O	11.78		
* Recovery from multiple tests				

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 63520 Printed: 2017.03.26 @ 08:09:10



Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202 Penny #1-14-15-20

84

Job Ticket: 63520

Tester:

Unit No:

ATTN: Charlie Sturdavant/

Test Start: 2017.03.25 @ 11:44:00

Spencer J. Staab

DST#: 3

2044.00 ft (CF)

GENERAL INFORMATION:

Formation: Lansing 'H-I-J-K' zo

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:26:45 Time Test Ended: 19:02:30

Interval: 3456.00 ft (KB) To 3563.00 ft (KB) (TVD) Reference ⊟evations: 2052.00 ft (KB)

Total Depth: 3563.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

ole Dialifeter. 7.00 inches note Condition. Fail No to Gryof. 6.00 i

Serial #: 9120 Inside

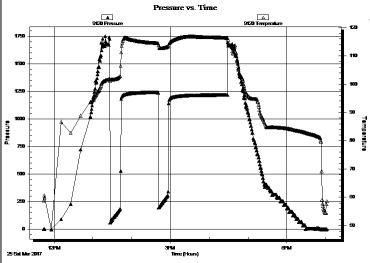
 Press@RunDepth:
 psig
 @
 3463.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2017.03.25 End Date: 2017.03.25 Last Calib.: 2017.03.25

Start Time: 11:44:15 End Time: 19:02:30 Time On Btm: Time Off Btm:

TEST COMMENT: 15-IF-BOB in 2 minutes

60-ISI-BOB in 8 minutes 15-FF-BOB instantaneously 90-FSI-BOB in 5 minutes



PRESSURE SUMMARY

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
Tamparatura				

Recovery

Length (ft)	Description	Volume (bbl)		
840.00	GMCO 10%M 20%G 70%O	11.78		
* Recovery from multiple tests				

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc Ref. No: 63520 Printed: 2017.03.26 @ 08:09:10



FLUID SUMMARY

ppm

Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202

Penny #1-14-15-20

Job Ticket: 63520

DST#: 3

ATTN: Charlie Sturdavant/

Test Start: 2017.03.25 @ 11:44:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 39 deg API Water Salinity:

Mud Weight: Cushion Length: 9.00 lb/gal ft Viscosity: 44.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 10000.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

	Length ft	Description	Volume bbl
ſ	840.00	GMCO 10%M 20%G 70%O	11.783

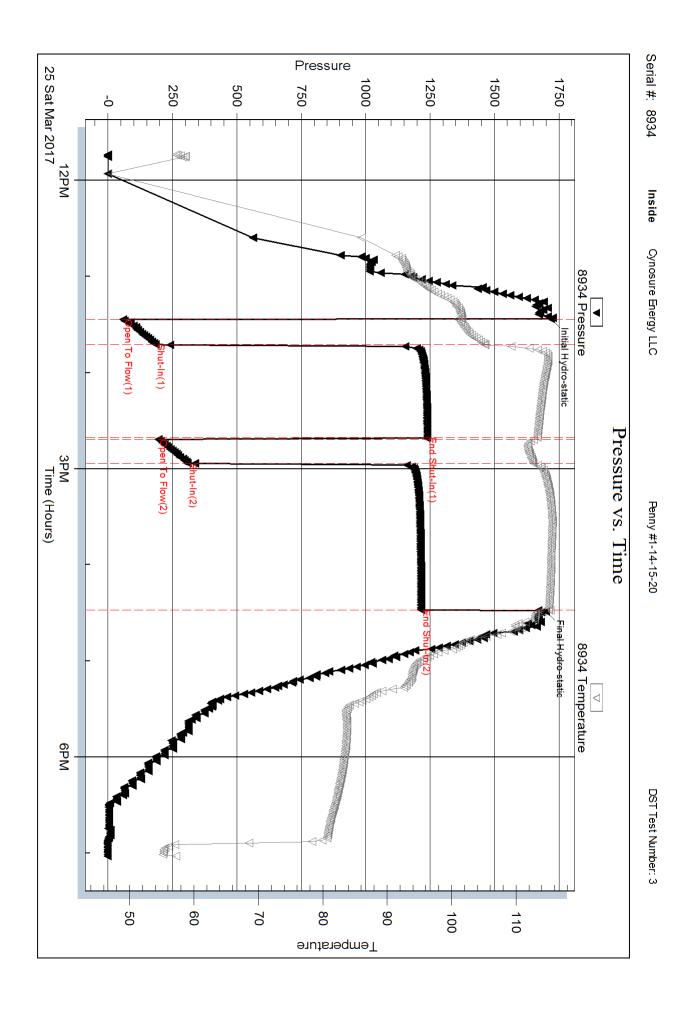
Total Volume: Total Length: 840.00 ft 11.783 bbl

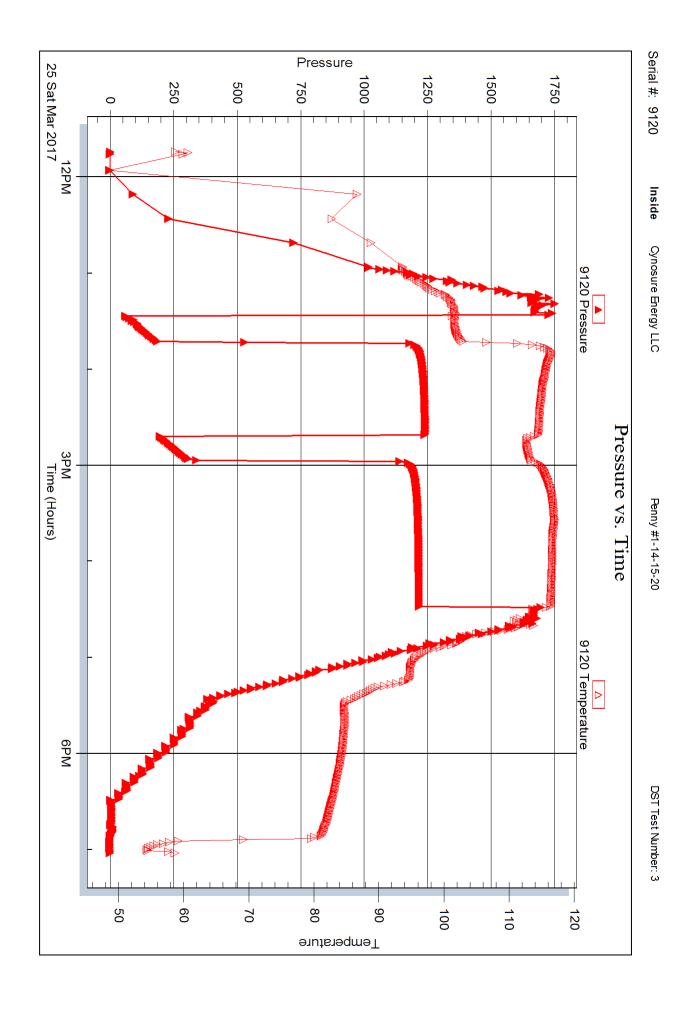
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 2# LCM

Printed: 2017.03.26 @ 08:09:10 Trilobite Testing, Inc Ref. No: 63520







Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202

Job Ticket: 63521 DST#: 4

2044.00 ft (CF)

Penny #1-14-15-20

ATTN: Charlie Sturdavant/ Test Start: 2017.03.26 @ 12:04:00

GENERAL INFORMATION:

Formation: Reagan Sand

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Reset) ft (KB)

Time Tool Opened: 13:16:00 Tester: Spencer J. Staab Time Test Ended: 17:41:15 Unit No: 84

Interval: 3646.00 ft (KB) To 3670.00 ft (KB) (TVD) Reference Elevations: 2052.00 ft (KB)

Total Depth: 3670.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair KB to GR/CF: Hole Diameter: 8.00 ft

Serial #: 8934 Outside

Press@RunDepth: Capacity: 27.66 psig @ 3651.00 ft (KB) 8000.00 psig

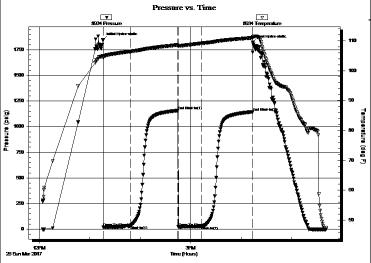
Start Date: 2017.03.26 End Date: 2017.03.26 Last Calib.: 2017.03.26 Start Time: 12:04:05 End Time: 17:41:14 Time On Btm: 2017.03.26 @ 13:15:45 Time Off Btm: 2017.03.26 @ 16:14:00

TEST COMMENT: 30-IF-Weak Blow; Built from a Surface Blow to 3 and 1/4 inches

60-ISI-Weak Surface Blow Back

30-FF-Weak Blow: Built from a 1/4 inch Blow to 4 and 1/2 inches

60-FSI-No Blow Back



	PRESSURE SUMMARY			
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1844.66	104.96	Initial Hydro-static
	1	19.53	104.22	Open To Flow (1)
	33	37.40	106.40	Shut-In(1)
_	89	1156.73	108.59	End Shut-In(1)
Temperature (deg F)	90	20.04	108.31	Open To Flow (2)
refure	117	27.66	109.12	Shut-In(2)
(d eg	178	1144.15	110.96	End Shut-In(2)
)	179	1823.20	111.25	Final Hydro-static

DDECCLIDE CLIMANADY

Recovery

Length (ft)	Description	Volume (bbl)		
10.00	00 MCO 10%M 90%O			
30.00	MCO 25%M 75%O	0.42		
* Recovery from multiple tests				

Gas Rat	es	
Choke (inches)	Pressure (nsig.)	Gas Rate (Mcf/d)

Trilobite Testing, Inc. Ref. No: 63521 Printed: 2017.03.26 @ 18:56:40



Cynosure Energy LLC

S14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202 Penny #1-14-15-20

Job Ticket: 63521

Tester:

DST#: 4

ATTN: Charlie Sturdavant/

Test Start: 2017.03.26 @ 12:04:00

GENERAL INFORMATION:

Formation: Reagan Sand

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:16:00 Time Test Ended: 17:41:15

Interval:

3646.00 ft (KB) To 3670.00 ft (KB) (TVD)

Total Depth: 3670.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Unit No: 84

Reference Elevations: 2052.00 ft (KB)

Spencer J. Staab

2052.00 ft (KB) 2044.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9120 Inside

 Press@RunDepth:
 psig
 @
 3651.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2017.03.26 End Date: 2017.03.26 Last Calib.: 2017.03.26

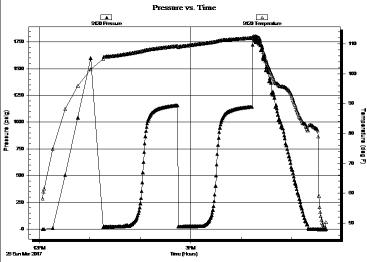
Start Time: 12:04:15 End Time: 17:41:15 Time On Btm: Time Off Btm:

TEST COMMENT: 30-IF-Weak Blow; Built from a Surface Blow to 3 and 1/4 inches

60-ISI-Weak Surface Blow Back

30-FF-Weak Blow; Built from a 1/4 inch Blow to 4 and 1/2 inches

60-FSI-No Blow Back



PRESSURE SUMMARY

1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
(
Tamparatura (dag F)				

Recovery

Length (ft)	Description	Volume (bbl)								
10.00	MCO 10%M 90%O	0.14								
30.00	MCO 25%M 75%O	0.42								
* Recovery from mult	* Recovery from multiple tests									

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
----------------	-----------------	------------------

Trilobite Testing, Inc Ref. No: 63521 Printed: 2017.03.26 @ 18:56:40



FLUID SUMMARY

Cynosure Energy LLC

\$14-15S-20W Ellis Co, KS

1125 17th St Suite 410 Denver Co, 80202 Penny #1-14-15-20

Job Ticket: 63521

DST#: 4

ATTN: Charlie Sturdavant/

Test Start: 2017.03.26 @ 12:04:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 49.00 sec/qt Cushion Volume: bbl

Water Loss: 9.19 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 12100.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl	
10.00	MCO 10%M 90%O	0.140	
30.00	MCO 25%M 75%O	0.421	

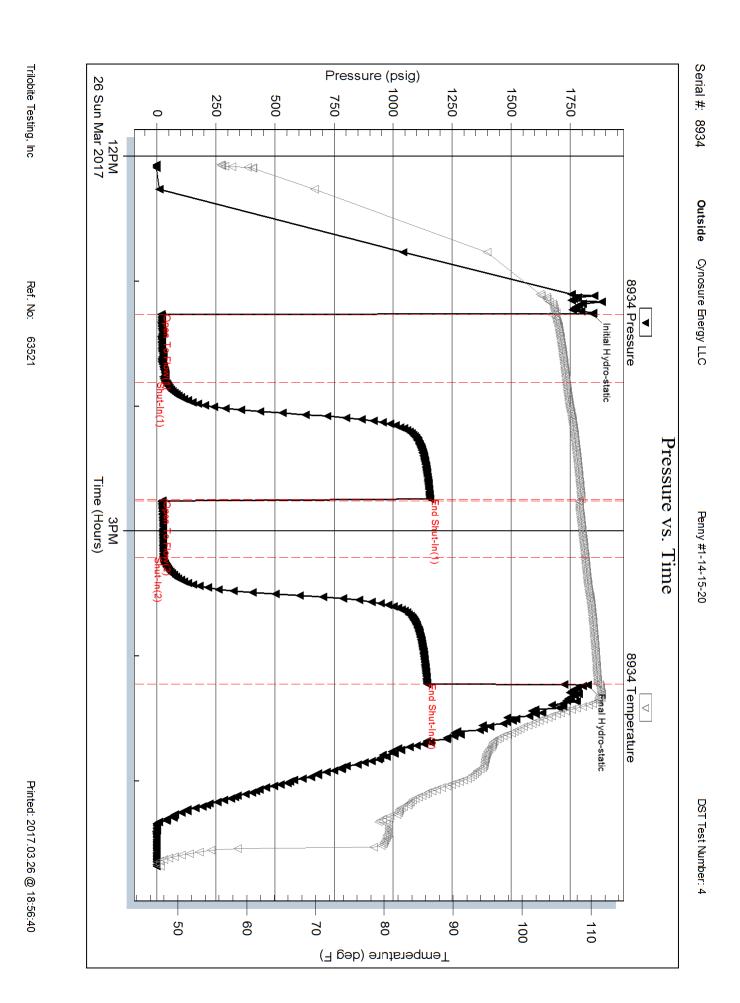
Total Length: 40.00 ft Total Volume: 0.561 bbl

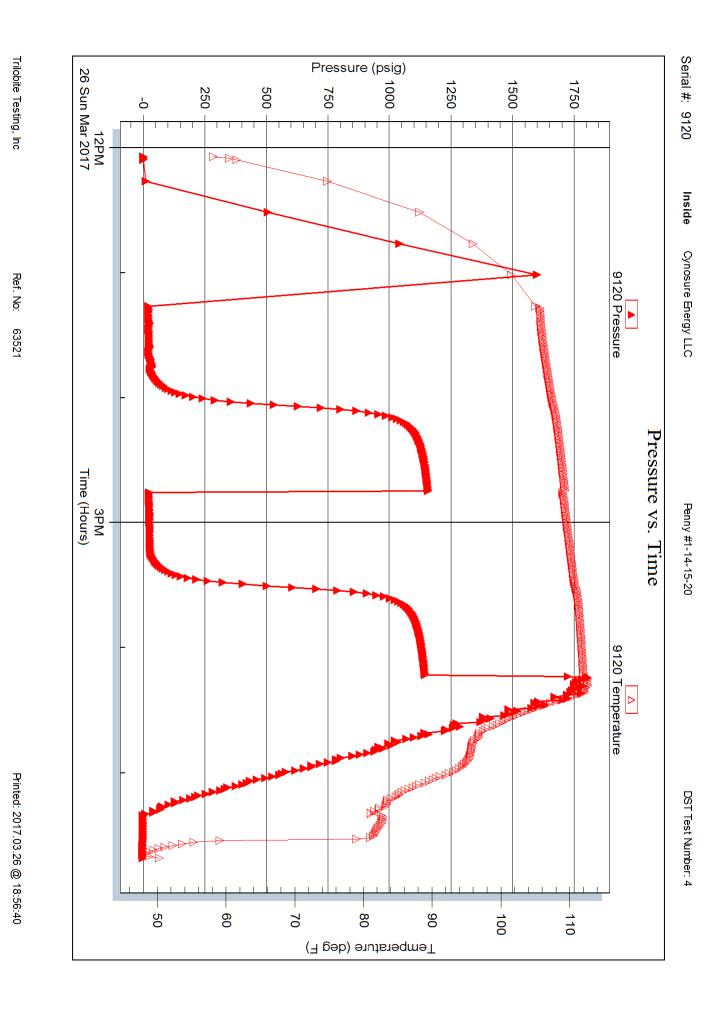
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

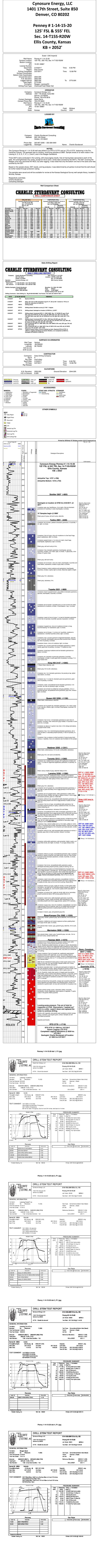
Laboratory Name: Laboratory Location:

Recovery Comments: 2# LCM

Trilobite Testing, Inc Ref. No: 63521 Printed: 2017.03.26 @ 18:56:40









Invoice # 205

P.O.#:

Due Date: 3/14/2017 Division: Russell



QUALITY OILWELL CEMENTING, INC.

PO BOX 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665

PHONE:785-324-1041 FAX:785-483-1087

EMAIL: cementing@ruraltel.net

Invoice

Contact:

CYNOSURE ENERGY LLC Address/Job Location:

1125 17th Street, Suite 410 **DENVER CO 80113**

Reference:

PENNEY 1-14

Description of Work:

PORT COLLAR JOB

APPROVED

By Bob Plante at 10:02 pm, Apr 19, 2017



Services / Items Included:	Quantity	Price	Taxable	ltem	Quantity	Price	Taxable
Labor		\$ 601.97	No		_		
Multi Density- 80/20	265	\$ 3,128.92	Yes				1
Flo Seal	400	\$ 539.76	Yes				
Bulk Truck Matl-Material Service Charge	800	\$ 539.76	No				
Pump Truck Mileage-Job to Nearest Camp	22	\$ 66.80	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	22	\$ 51.95	No				•

Invoice Terms:

Net 30

SubTotal: \$ 4,929.15 Discount Available ONLY if Invoice is Paid & Received (123.23)within listed terms of invoice. SubTotal for Taxable Items: \$ 3,576.96 SubTotal for Non-Taxable Items: \$ 1,228.96 Total: \$ 4,805.92 250.39 7.00% Ellis County Sales Tax Tax: \$ Amount Due: \$ 5,056.31

Thank You For Your Business!

Applied Payments: Balance Due: \$ 5,056.31

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

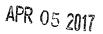
No. 201

Sec.	Twp. Range	County .	State	On Location	Finish			
Date 4-12-17		Fil-S	K.S		1300m			
		Location And	Parince 107 18	0 RD 35/W	1220			
Lease Penney	Well No. / - / -	4	DAINE 00 18	33/4				
F	Wen No.	To Qua	ity Oilwell Cementing,					
		You are	hereby requested to r er and belper to assist	ent cementing equipmer owner or contractor to d	nt and furnish lo work as listed.			
Type Job Fort Collar	TD	Charge	1		12-12-12-			
Hole Size	T.D. Depth	То	Cochman					
Csg. 512	Depth	Street		Chata				
The Size	2 22/	City	yo was done to eatisfaction	State on and supervision of owne	r agent or contractor			
Tool fort Collar			: Amount Ordered	-29	1/2#Flo			
Cement Left in Csg.	Shoe Joint Displace	Octilei:	Almount Glacied 32	ac in contract	1,2,1,1			
Meas Line EQUIPM		Commo		•				
No Cemente	1/4			<u> </u>				
Pumptrk Helper	法	Poz. Mi	X					
Bulktrk Driver Driver		Gel.						
Bulktrk 9 Driver Jou	a DEMARKS	Calciun	1					
JOB SERVICES	& HEMAHKS	Hulls	·					
Remarks: Cualty Co	ening Tool		Salt					
Rat Hole			Flowseal					
Mouse Hole KCC Fart	SEARD	Kol-Sea	Kol-Seal					
Centralizers		Mud CL	Mud CLR 48					
Baskets		CFL-11	CFL-117 or CD110 CAF 38					
D/V or Port Collar		Sand	Sand					
Test 5/2 to 1000	♦- 5,20+ mod	Handlin	Handling					
to Tool Open	-touly Dums	Mileage	7.10		THE STATE OF THE STATE OF			
80 Bl mil & get (Crestation ,		FLOAT EQU	PMENT	*			
mixed Zlassk	*Comattirel	after Guide S	Shoe		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Close Tool 47	Test to 1000	Central	zer		- <u>-</u> - 1			
Rux 5 pints &	Wash Clean-	Baskets						
		AFU In:	serts					
		Float S	noe					
(15RD 245	sk /	Latch D	own		**			
	and James and	a a silato vo	Bet v					
	77	Pumptr	Charge					
		Mileage						
				Tax				
is his				Discount	- 1 - 1 - 1			
Signature . Co Plant				Total Charge				



Date: 3/28/2017

Invoice # 131



P.O.#:

Due Date: 4/27/2017 Division: Russell



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Invoice

Contact:

CYNOSURE ENERGY LLC Address/Job Location:

1125 17th Street, Suite 410 DENVER CO 80113

Reference:

PENNEY 1-14-15-20

Description of Work: PROD STRING

APPROVED

By Bob Plante at 6:00 pm, Apr 12, 2017



Services / Items Included:	Quantity		Price	Taxable	ltem .	Quantity		Price	Taxable
. Labor	-	\$	601.97	No	Pump Truck Mileage-Job to Nearest Camp	22		\$66.80	No
Common-Class A	200	\$	2,240.00	Yes	Flo Seal	40 .		\$53.98	Yes
Cement Port Collar, 5 1/2"	1	\$	1,754.22	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	22		\$51.95	No
Gilsonițe	850	\$	860.24	Yes					
5 1/2" Basket	3	\$	566.75	Yes					
5 1/2" Turbolizer	10	\$	485.78	Yes					
Mud Clear	500	\$	249.64	Yes					
Auto Fill Float Shoe, 5 1/2"	1	\$	226.70	Yes					
Latch Down Plug & Baffle, 5 1/2"	1	\$	179.47	Yes					
Salt (Fine)	17	\$	150.26	Yes					
Bulk Truck Matl-Material Service Charge	225	\$	151.81	No					
Invoice Terms:						SubTotal:	\$	7,639.55	
Net 30			(Disco	unt Ave	nilable_ <u>ONL-Y</u> -if-Invoice-is-Raid-8 within listed terms		⁻⁷ \$	(190.99)	
					SubTotal for Ta	axable Items:	\$	6,597.85	•
					SubTotal for Non-Ta	axable Items:	\$	850.71	
						Total:	\$	7,448.56	
				7.00%	Ellis County Sales Tax	Tax:	\$	461.85	
Thank You For Your Business!					Am	ount Due:	\$	7,910.41	•
					Applied 1	Payments:		-	
						lance Due:	\$	(7,910,41))

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC. Federal Tax 1.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 131

OCH 700 024 1041				, , , , , , , , , , , , , , , , , , , 				
Sec.	Twp. Range		County	State	On Location	Finish		
Date 3-28-17 /2	15 20	E	ilis	K5	•	9.30 A.M		
		Location	on Andons	NO W 180 RE	3516 4) to kia		
Lease Cone 1-14-15	5 - 2coWell No.		Owner			,		
Contractor Duke #8	:		To Quality Oi	lwell Cementing, Inc. by requested to rent of	ementing equipmen	t and furnish		
Type Job Production Sa	in nea		cementer and	helper to assist own	er or contractor to do	work as listed.		
Hole Size 778	T.D. 3770		Charge C	cachman	Ly NOSUVE	/		
Osg. 51/2	Depth 3266.5	O .	Street					
Tbg. Size	Depth		City	·	State .			
Tool Pera Collar	Depth 1284		The above wa	s done to satisfaction as	d subjectision of owner	agent or contractor.		
Cement Left in Csg. 19.92	Shoe Joint 19.93		Cement Amo	ount Ordered 200	10152H 51	Le Bonite		
Meas Line	Displace 89 1/4)	BL	500gal	muel Clear	1/4 F1	·		
EQUIPM	<u></u>		Common 2	00 Q pro-C	<u> </u>			
Pumptrk > Helper > .	دراح		Poz. Mix		· · · · · · · · · · · · · · · · · · ·			
Bulktrk No. Driver Driver			Gel.	·				
Bulktrk 14 No. Driver Driver	e		Calcium					
JOB SERVICES	& REMARKS		Hulls	•				
Remarks:		-	Salt /	7				
Rat Hole 33514	•		Flowseal	10				
Mouse Hole 155K	·		Kol-Seal 850 #					
Centralizers			Mud CLR 48 500 gal					
Baskets			CFL-117 or C	D110, CAF 38				
D/V or Port Collar			Sand			. :		
512 set @ 3769	Low Bolley 3.	750	Handling	25				
Est. Circulation Por	MD 520get mis	Dec	Mileage					
Phys Rethole + ma				FLOAT EQUIPME	NT 5/2			
Cement 5 /2 with	1555K		Guide Shoe			· · · · · · · · · · · · · · · · · · ·		
Chear lines Dis	slace Phos-		Centralizer	O		,		
Hoy land WP 100	DOT:	` ,	Baskets	3				
Keliese Pressure	\mathcal{M}°	100	A FU Insert s	Port Coilur				
			Float Shoe					
			Latch Down		/			
			<u> </u>		·			
			Pumptrk Cha	irge pro-LS	ting			
			Mileage 2	21				
A Company of the Company				· ·	Tax			
71017		· _	•		Discount			
X Signature	le			· ·	Total Charge			
			_			•		

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold; or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.
- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.
- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.
- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.
- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
- 2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.
- 3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workman-ship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:

through much that believes the control of the contr

- (A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.





QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net Date: 3/19/2017 Invoice # 1556

P.O.#:

Due Date: 4/18/2017 Division: Russell

Invoice



Contact:

CYNOSURE ENERGY LLC Address/Job Location:

1125 17th Street, Suite 410 DENVER CO 80113 **APPROVED**

By Bob Plante at 8:50 pm, Mar 29, 2017

Reference:

PENNEY 1-14 SEC 14-15-20

Description of Work:

SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	ltem .	Quantity	Price	Taxable
Labor		\$ 489.84	No		•		
Common-Class A	136	\$ 1,487.36	Yes				ſ
Calcium Chloride	7	\$ 258.26	Yes				
Bulk Truck Matl-Material Service Charge	180	\$ 118.59	No				
Pump Truck Mileage-Job to Nearest Camp	22	\$ 65.22	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	22	\$ 50.73	No				•
Premium Gel (Bentonite)	3	\$ 57.32	Yes	POZ Mix-Standard	34	\$156.80	Yes

Invoice	Terms:
---------	--------

Net 30

Amount Due:	\$	2,750.76
7.00% Ellis County Sales Tax Tax:	\$	133.75
Total	\$	2,617.01
SubTotal for Non-Taxable Items	\$	706.27
SubTotal for Taxable Items	\$	1,910.74
within listed terms of invoice:	Ф	(67.10)
Discount Available ONLY if Invoice is Paid & Received	•	(67.40)
SubTotal:	\$	2,684.11

Thank You For Your Business!

Applied Payments:

Balance Due: \$ 2,750.76

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed.

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LWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Home Office P.O. Box 32 Russell, KS 67665

No. 1556

ate 3-19-17	Sec. Twp.	Range	121	County	State K	On Location	Finish	AM
				on Antor	ning W to	180 35	W	57 C
Lease Penny Well No. 1-14				Owner	Wthr		THE PERSON NAMED IN COLUMN	1:
Contractor Drake #8			e inten	To Quality Oi	ilwell Cementing, Inc	o. /	Sinta	<i>"</i> 3
Type Job Surface				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Hole Size /2 '/4 T.D. 229'				Charge Coachman / Cynosure				
Csg. 8 5/g	8 5/g Depth 228'			Street				A Near
Tbg. Size Depth				City State				
Tool Depth				The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg. 20' Shoe Joint				Cement Amo	ount Ordered /7	0 3/20 30	10 cc 29	% be
Meas Line	Displac	se 13 14 61	51			TI ALSO BELLE-11		
EQUIPMENT				Common /	05	arlm - mrl		
Pumptrk 5 No. Cementer Breft				Poz. Mix	5	Company of the part of		
Bulktrk 15 No. Driver Driver	im			Gel. 3	النبياني ارتقيا	ETEL) had been		·i
Bulktrk No. Driver Driver				Calcium 7	Plante to mothers	I' I AME	1 MH3 50 -	
JOB SERVICES & REMARKS				Hulls	ALL F WILLIAM			
Remarks:				Salt	Dat D	oz to win the grow	nu - pulyre	TI LIE
Rat Hole				Flowseal				
Mouse Hole				Kol-Seal				
Centralizers				Mud CLR 48			HILLE PIKTUA	
Baskets				CFL-117 or C	D110 CAF 38	- sa-		
D/V or Port Collar				Sand			n cominte u	ы рі
				Handling /	50		man make s	
Mix 170	Sx 8920	3600)	%64	Mileage			c 76 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	
Displaced 13 by 661					FLOAT EQUIPN	ENT		
				Guide Shoe			- C	
	,			Centralizer				
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