

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
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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:
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Form	ACO1 - Well Completion
Operator	Coachman Energy Operating Company LLC
Well Name	LEIKER 3-25-15-20
Doc ID	1356851

All Electric Logs Run

Density Neutron
Microsensitivity
Dual Induction
Borehole Sonic
Sector Bond Log

Form	ACO1 - Well Completion
Operator	Coachman Energy Operating Company LLC
Well Name	LEIKER 3-25-15-20
Doc ID	1356851

Tops

Name	Top	Datum
Top Anhydrite	1376	+773
Base Anhydrite	1418	+731
Tarklo	3000	-851
Topeka	3124	-975
King Hill	3250	-1101
Queen Hill	3308	-1159
Heebner	3396	-1247
Toronto	3428	-1279
Lansing	3442	-1293
Muncie Creek	3568	-1419
Stark	3641	-1492
Base KC	3688	-1539
Marmaton	3727	-1578
Pawnee	3766	-1617
Congl. Sand	3790	-1641
Pre-Cambrian	3804	-1655

Form	ACO1 - Well Completion
Operator	Coachman Energy Operating Company LLC
Well Name	LEIKER 3-25-15-20
Doc ID	1356851

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3468 - 3480	1000 gal 15% MCA	
4	3484 - 3488		
4	3510 - 3516	2000 gal 15% MCA	
4	3518 - 3523		



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper.Co LLC
 1125 17th St
 Suite 410
 Denver Co 80202
 ATTN: Deb Smith,Charlie St

25-15s-20w Ellis
Leiker 3-25-15-20
 Job Ticket: 64137 **DST#: 1**
 Test Start: 2017.04.15 @ 03:50:55

GENERAL INFORMATION:

Formation: **LKC A-F**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:07:35 Tester: Ray Schwager
 Time Test Ended: 10:34:34 Unit No: 77
 Interval: **3450.00 ft (KB) To 3530.00 ft (KB) (TVD)** Reference Elevations: 2148.00 ft (KB)
 Total Depth: 3530.00 ft (KB) (TVD) 2141.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

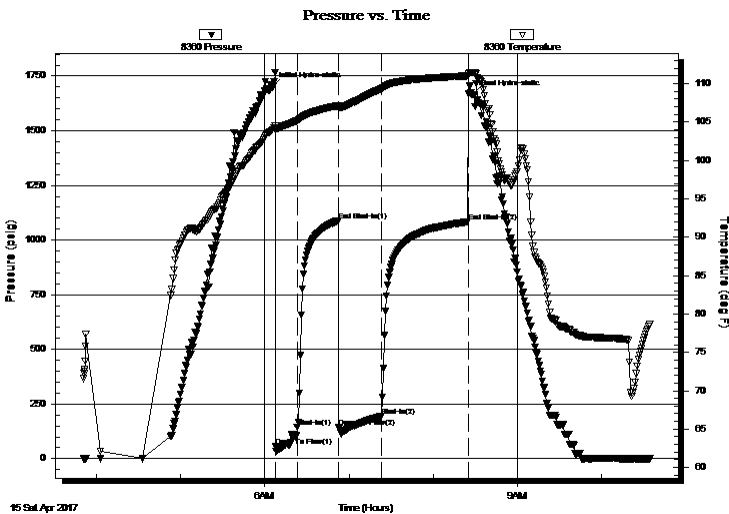
Serial #: 8360

Inside

Press@RunDepth: 195.21 psig @ 3462.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.15 End Date: 2017.04.15 Last Calib.: 2017.04.15
 Start Time: 03:50:55 End Time: 10:34:34 Time On Btm: 2017.04.15 @ 06:05:35
 Time Off Btm: 2017.04.15 @ 08:28:19

TEST COMMENT: 15-IFP-w k to BOB in 8min
 30-ISIP-surface bl bk
 30-FFP-BOB in 2 min
 60-FSIP-surface bl bk

PRESSURE SUMMARY



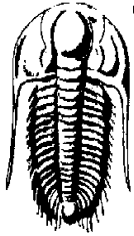
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.95	104.01	Initial Hydro-static
2	56.64	103.99	Open To Flow (1)
18	142.49	105.18	Shut-In(1)
47	1087.94	107.14	End Shut-In(1)
48	142.95	106.86	Open To Flow (2)
78	195.21	109.35	Shut-In(2)
140	1083.07	111.02	End Shut-In(2)
143	1665.44	111.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	MGO 20%G10%M70%O	3.48
62.00	MGO 20%G20%M60%O	0.87
30.00	O&GCM 5%G15%O80%	0.42
0.00	960' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper.Co LLC

25-15s-20w Ellis

1125 17th St
Suite 410
Denver Co 80202
ATTN: Deb Smith,Charlie St

Leiker 3-25-15-20

Job Ticket: 64137

DST#: 1

Test Start: 2017.04.15 @ 03:50:55

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
248.00	MGO 20%G10%M70%O	3.479
62.00	MGO 20%G20%M60%O	0.870
30.00	O&GCM 5%G15%O80%	0.421
0.00	960' GIP	0.000

Total Length: 340.00 ft

Total Volume: 4.770 bbl

Num Fluid Samples: 0

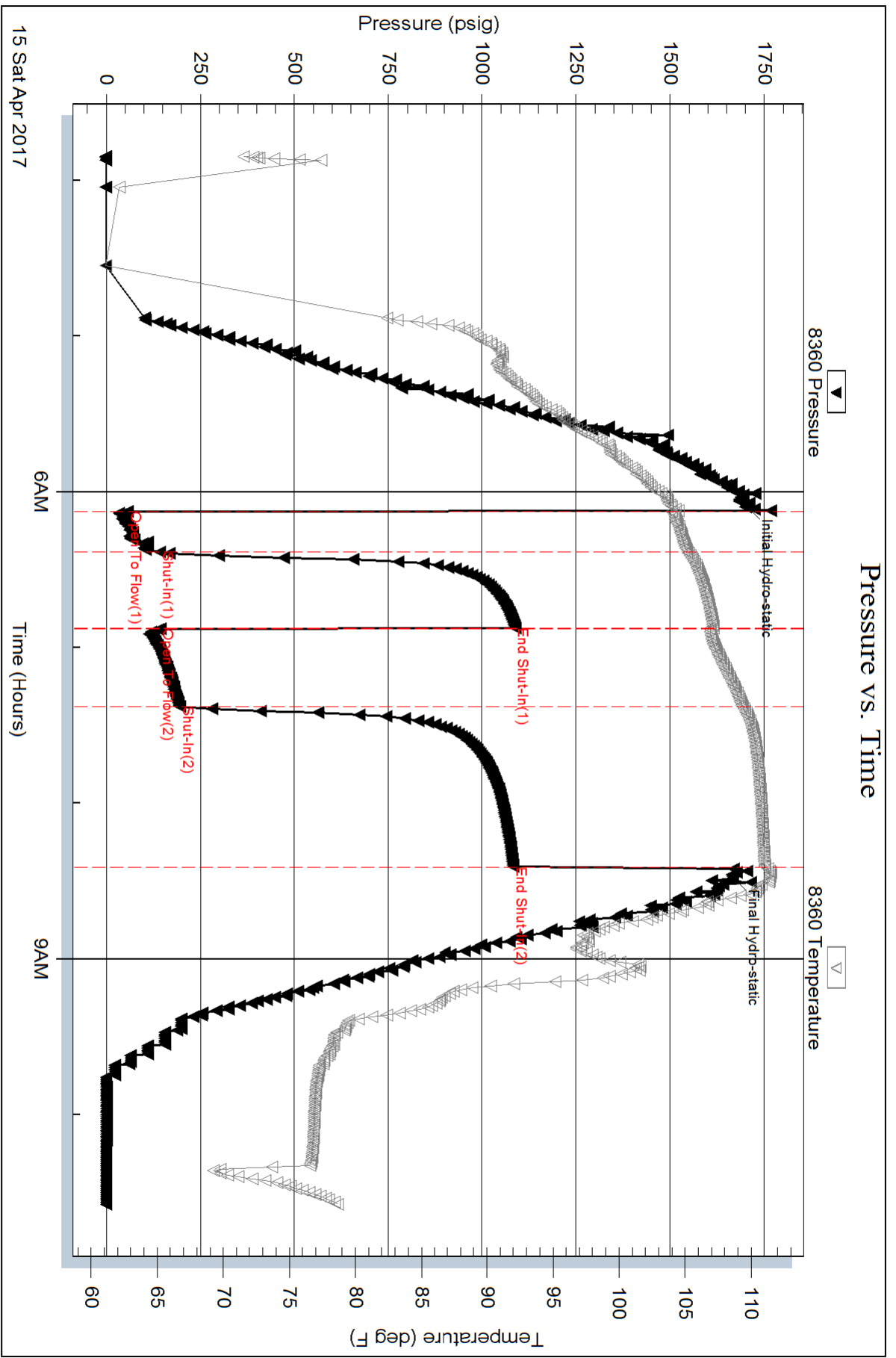
Num Gas Bombs: 0

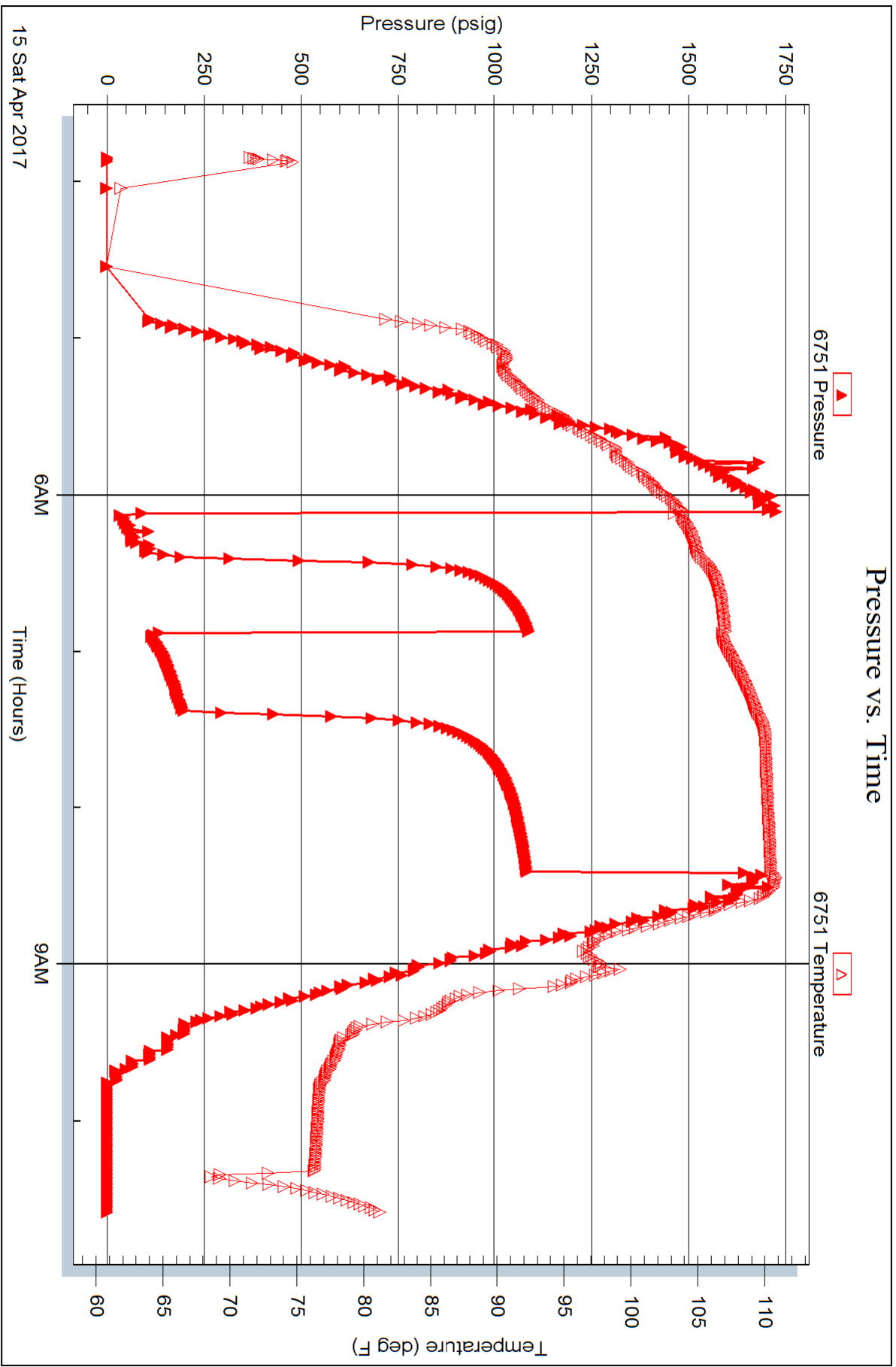
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coachman Energy Oper.Co LLC

25-15s-20w Ellis

1125 17th St
Suite 410
Denver Co 80202
ATTN: Deb Smith, Charlie St

Leiker 3-25-15-20

Job Ticket: 64138 **DST#: 2**

Test Start: 2017.04.16 @ 02:35:14

GENERAL INFORMATION:

Formation: **LKC G-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:44:24
 Time Test Ended: 10:00:23
 Interval: **3570.00 ft (KB) To 3670.00 ft (KB) (TVD)**
 Total Depth: 3670.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 77
 Reference Elevations: 2148.00 ft (KB)
 2141.00 ft (CF)
 KB to GR/CF: 7.00 ft

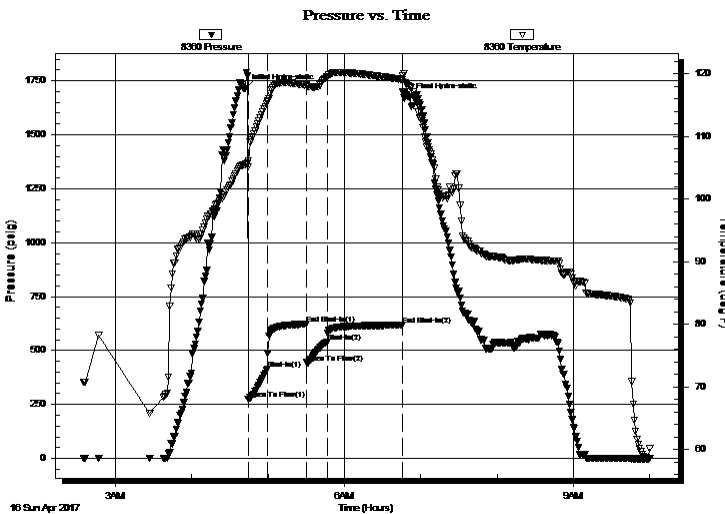
Serial #: 8360

Inside

Press@RunDepth: 540.86 psig @ 3576.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.16 End Date: 2017.04.16 Last Calib.: 2017.04.16
 Start Time: 02:35:14 End Time: 10:00:23 Time On Btm: 2017.04.16 @ 04:42:24
 Time Off Btm: 2017.04.16 @ 06:50:54

TEST COMMENT: 15-IFP-BOB in 45 sec
 30-ISIP-BOB BL BK in 6min
 15-FFP-BOB Thru-out
 60-FSIP-BOB GTS in 5min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.13	105.57	Initial Hydro-static
2	273.68	105.21	Open To Flow (1)
18	414.67	115.53	Shut-In(1)
48	622.67	118.22	End Shut-In(1)
48	444.39	118.14	Open To Flow (2)
64	540.86	119.52	Shut-In(2)
123	617.31	119.11	End Shut-In(2)
129	1673.45	118.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas to Surface	0.00
1302.00	CO	18.26
62.00	MGO 30%G15%M55%O	0.87
62.00	MGO 30%G30%M40%O	0.87
30.00	O&GCM 5%G5%O90%M	0.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coachman Energy Oper.Co LLC

25-15s-20w Ellis

1125 17th St
Suite 410
Denver Co 80202

Leiker 3-25-15-20

Job Ticket: 64138

DST#: 2

ATTN: Deb Smith, Charlie St

Test Start: 2017.04.16 @ 02:35:14

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	Gas to Surface	0.000
1302.00	CO	18.264
62.00	MGO 30%G15%M55%O	0.870
62.00	MGO 30%G30%M40%O	0.870
30.00	O&GCM 5%G5%O90%M	0.421

Total Length: 1456.00 ft

Total Volume: 20.425 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

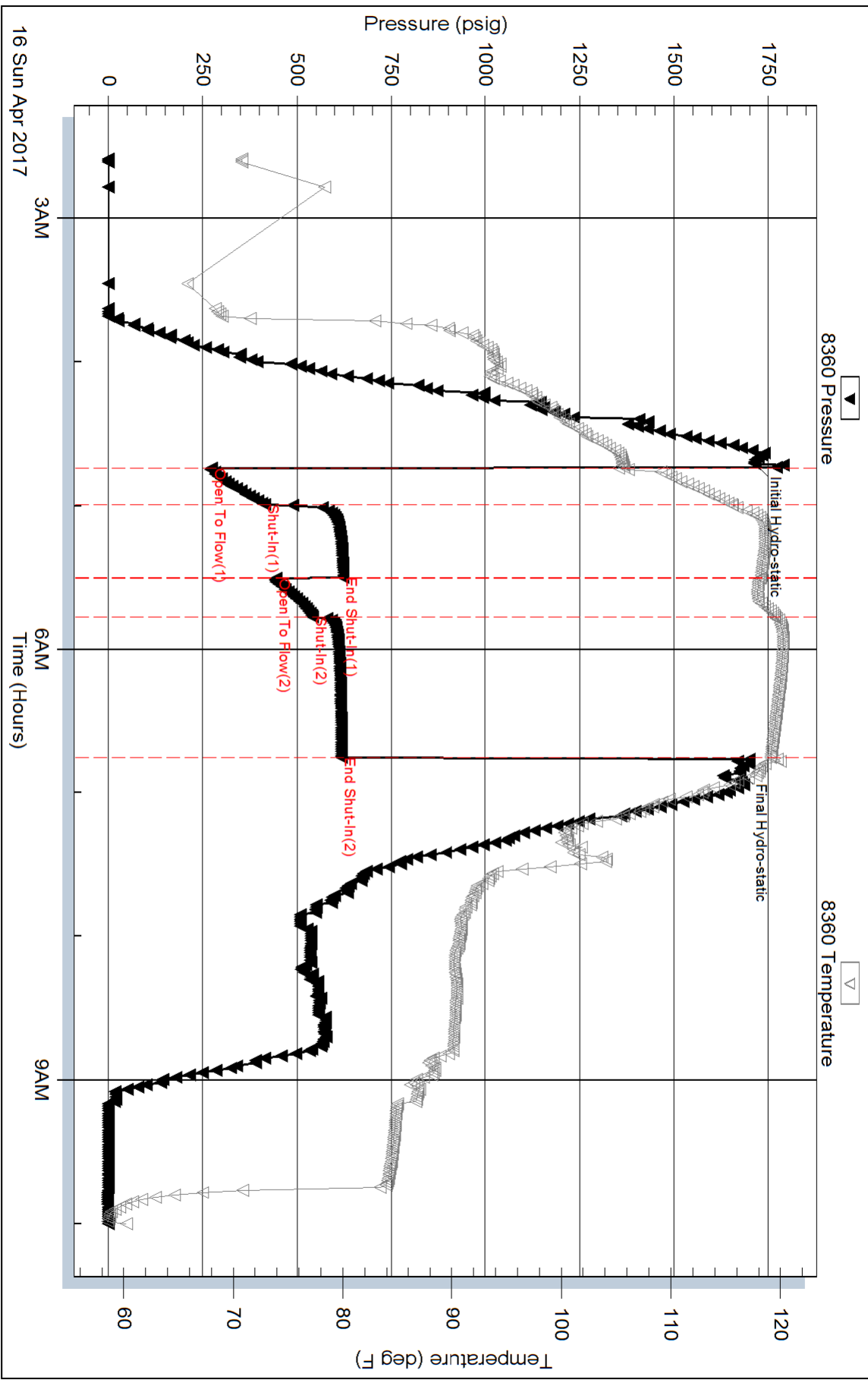
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



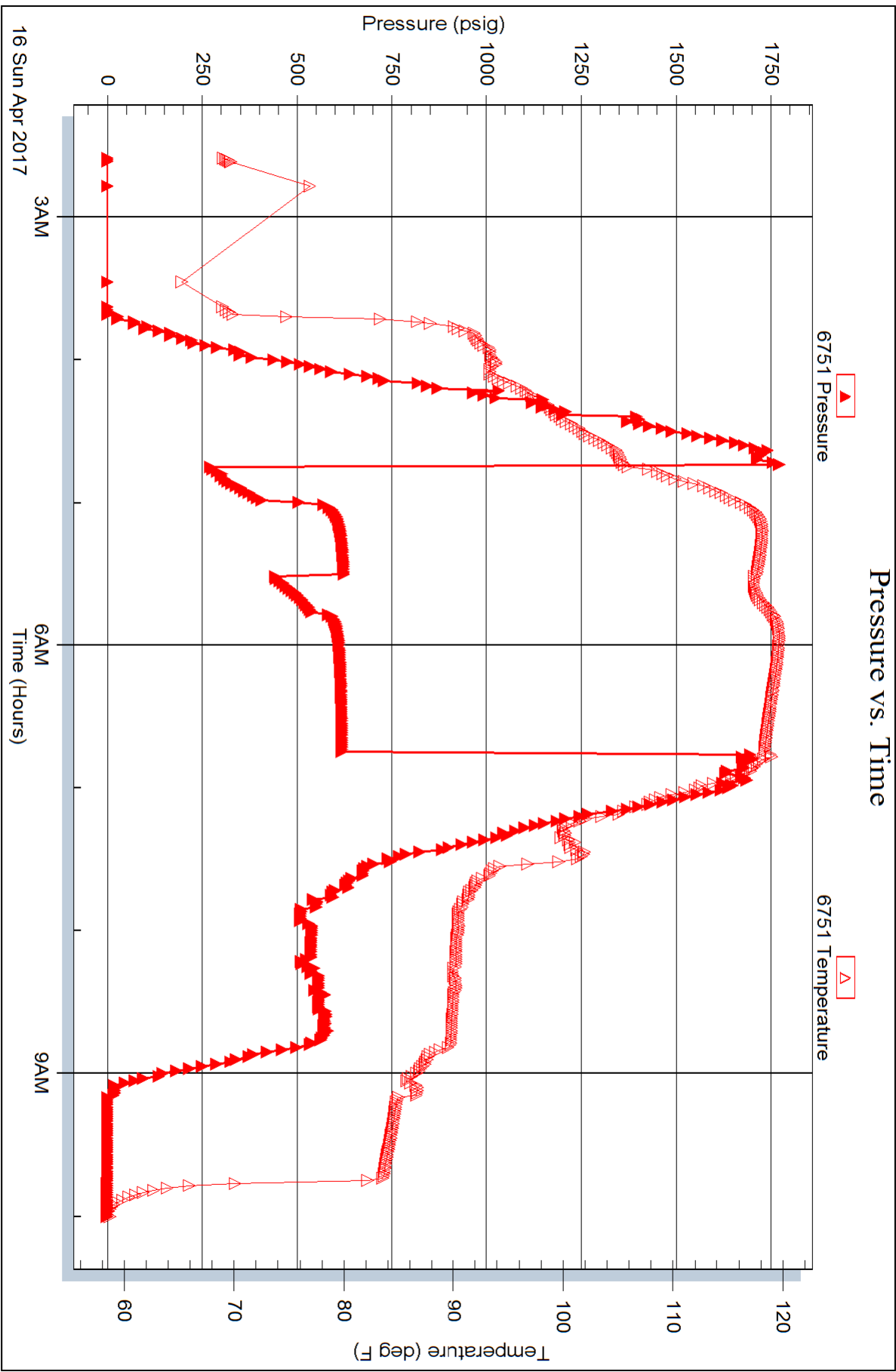
Serial #: 6751

Outside

Coachman Energy Oper. Co LLC

Leiker 3-25-15-20

DST Test Number: 2



Cynosure Energy, LLC

1401 17th Street, Suite 850

Denver, CO 80202

Leiker # 3-25-15-20

1235' FSL & 1160' FWL

Sec. 25-T15S-R20W

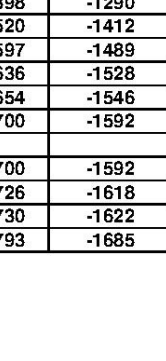
Ellis County, Kansas

KB = 2149'

Scale: 1:240 Imperial	
Well Name:	Leiker # 3-25-15-20
Surface Location:	1235' FSL, 1160' FWL, Sec 25-T15S-R20W
Bottom Location:	700' FSL, 330' FWL, Sec. 25-T15S-R20W
API:	15-051-26869
License Number:	13419692
Spud Date:	4/10/2017
Region:	Ellis County
Drilling Completed:	4/17/2017
Surface Coordinates:	
Bottom Hole Coordinates:	
Ground Elevation:	2141.00ft
K.B. Elevation:	2149.00ft
Logged Interval:	2900.00ft To: 3865.00ft
Total Depth:	3865.00ft
Formation:	Lansing/KC
Drilling Fluid Type:	Chemical/Fresh Water Gel
Time:	9:45 PM
Time:	8:27 PM

OPERATOR	
Company:	Cynosure Energy, LLC
Address:	1235 17th Street, Suite 410 Denver, CO 80202
Contact Geologist:	Gene Davis
Contact Phone Nbr:	720-272-9620 / 720-476-3678
Well Name:	Leiker # 3-25-15-20
Location:	1235' FSL, 1160' FWL, Sec 25-T15S-R20W
API No.:	15-051-26869
Pool:	Kansas
State:	Kansas
Field:	Post Rock South
County:	USA

LOGGED BY



Company:	Charlie Sturdavant Consulting	Address:	920 12th Street Golden, CO 80401
Phone Nbr:	303-907-2295	Cell:	303-984-9481
Logged By:	Geologist	Name:	Charlie Sturdavant

NOTES

The Cynosure Energy Leiker # 3-25-15-20 well was drilled to an RTD of 3865' and an LTD of 3863', bottoming in the Pre-Cambrian Granite. The geologist was on location, examining samples at 2900'. Sample shows the presence of oil were noted in the Lansing A, C, D, E, F, H, I, J, and K, and in the Pennsylvanian Conglomerate and Sandstone.

Two DST's were conducted in the Lansing, with encouraging results, free oil being recovered in each tests. All Lansing/Kansas City zones, except for the G and L zones, were covered by the DST's.

Based on the sample shows, DST results, and log analysis, it was determined by all parties involved that the well should be further tested through production casing.

The samples were saved and will be available for review at the Kansas Geological Survey well sample library, located in Wichita, Kansas.

Respectfully submitted,
Charlie Sturdavant
Consulting Geologist

Well Comparison Sheet

CHARLIE STURDAVANT CONSULTING

WELL COMPARISON SHEET

DRILLING WELL	COMPARISON WELL	COMPARISON WELL
Cynosure Energy Leiker #3-25-15-20 1235' FSL & 1160' FWL Sec. 25-T15S-R20W Ellis Co, KS	2108 KB Structural 700' FSL & 330' FWL Sec. 25-T15S-R20W	2131 KB Structural 740' FSL & 290' FWL Sec. 25-T15S-R20W
Formation	Sample	Sample
Anhydrite Top	1375	1375
Bottom Anhydrite	1415	1415
Tarkio	3004	3004
Topkio	3124	3124
King Hill	3250	3250
Queen Hill	3312	3312
Hedberg	3405	3405
Toronto	3422	3422
Lansing	3446	3446
Munsie Creek	3476	3476
Shale	3546	3546
Reese-KC	3656	3656
Marmaton	3720	3720
Pratt	3766	3766
Cherokee Shale		
Comp. Sand	3790	3790
Comp. Sand	3854	3854
Comp. Sand	3865	3865
Total Depth	3865	3865

Daily Drilling Report

CHARLIE STURDAVANT CONSULTING

DAILY DRILLING REPORT

Company:	Charlie Sturdavant Consulting	Address:	920 12th Street Golden, CO 80401
Operator:	Cynosure Energy, LLC	Address:	1235 17th Street, Suite 410 Denver, CO 80202
Contact Geologist:	Gene Davis	Cell:	720-272-9620
Contact Phone Nbr:	720-476-3678	Cell:	303-931-7368
Well Name:	Leiker # 3-25-15-20	Location:	1235' FSL, 1160' FWL, Sec. 25-T15S-R20W
API No.:	15-051-26869	Region:	Ellis County, Kansas

Drilling Contractor:	Duke Drilling Co	Phone Nbr:	816-629-7934
Tool Pusher:	Shane Downs	Cell:	816-617-2810

DATE	TIME	DEPTH	REMARKS
4/10/2017	0ft		Move in, rig up, spud @ 9:30 hrs.
4/11/2017	215 ft.		WOC: set 5 lbs of 23# new 8-5/8" surface esp. Cement w/ 170 cc of 80-200 po. Plug down @ 0:15 hrs.
4/12/2017	1415 ft.		Drilling ahead. Drilled plug out @ 1200 hrs.
4/13/2017	2563 ft.		Drilling ahead. Geologist on loc @ 2150 hrs, 3:00P.
4/14/2017	3245 ft.		Drilling ahead.
4/15/2017	3530 ft.		Conducting DST # 1: 3450'-3530'; Rec: 960' GIP, 30' OACGM (5% gas, 15% oil, 80% mud), 62' MGO (20% gas, 60% oil, 20% mud), 248' MGO (20% gas, 70% oil, 10% mud) SIP: 1087-1038A. Commence drilling @ 1301 hrs.
4/16/2017	3656 ft.		Trapping in hole w/ 0.5' @ 3:30P-3:57P. Rec: 30' OACGM (5% gas, 15% oil, 80% mud), 62' MGO (20% gas, 60% oil, 20% mud), 62' MGO (30% gas, 50% oil, 15% mud), 1922' Clean Oil. CFS @ 3656 ft. 1922' Clean Oil. CFS @ 3656 ft.
4/17/2017	3863 ft.		Drilling ahead. RTD: 3865' @ 0827 hrs. Logging operations by Pioneer Energy Services. Completed logging operations @ 1710 hrs. Geologist on location @ 1800 hrs.

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-99.500860
Latitude:	38.714521
N/W Co-ord:	
E/S Co-ord:	

CONTRACTOR

Contractor:	Duke Drilling Co
Rig #:	8
Job #:	140117
Spud Date:	4/10/2017
TD Date:	4/17/2017
Rig Release:	
Time:	9:45 PM
Time:	8:27 PM

ELEVATIONS

K.B. Elevation:	2149.00ft	Ground Elevation:	2141.00ft
K.B. to Ground:	8.00ft		

ROCK TYPES	
shale, gray	shale, red
shale, blk	shale, mar
shale, green	shale, tan
shale, brown	shale, white
shale, yellow	shale, orange
shale, purple	shale, pink
shale, blue	shale, black
shale, grey	shale, tan
shale, brown	shale, white
shale, yellow	shale, orange
shale, purple	shale, pink
shale, blue	shale, black

ACCESSORIES

MINERAL	FOSSIL	STRAT. SED. STRUCTS	TEXTURE
Argillaceous	Bioherm	Conchoidal laminations	Mudstone
Carbonaceous	Brachiopod	Stylolites	Sandstone
Chert White	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert Yellow	Crinoid	Stylolites	Siltstone
Chert Orange	Crinoid	Stylolites	Siltstone
Chert Purple	Crinoid	Stylolites	Siltstone
Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert White	Crinoid	Stylolites	Siltstone
Chert Yellow	Crinoid	Stylolites	Siltstone
Chert Orange	Crinoid	Stylolites	Siltstone
Chert Purple	Crinoid	Stylolites	Siltstone
Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert White	Crinoid	Stylolites	Siltstone
Chert Yellow	Crinoid	Stylolites	Siltstone
Chert Orange	Crinoid	Stylolites	Siltstone
Chert Purple	Crinoid	Stylolites	Siltstone
Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert White	Crinoid	Stylolites	Siltstone
Chert Yellow	Crinoid	Stylolites	Siltstone
Chert Orange	Crinoid	Stylolites	Siltstone
Chert Purple	Crinoid	Stylolites	Siltstone
Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert White	Crinoid	Stylolites	Siltstone
Chert Yellow	Crinoid	Stylolites	Siltstone
Chert Orange	Crinoid	Stylolites	Siltstone
Chert Purple	Crinoid	Stylolites	Siltstone
Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert White	Crinoid	Stylolites	Siltstone
Chert Yellow	Crinoid	Stylolites	Siltstone
Chert Orange	Crinoid	Stylolites	Siltstone
Chert Purple	Crinoid	Stylolites	Siltstone
Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
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Chert Blue	Crinoid	Stylolites	Siltstone
Chert Black	Crinoid	Stylolites	Siltstone
Chert White	Crinoid		



BP 1473

Date: 4/11/2017
Invoice # 148

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

P.O.#:
Due Date: 5/11/2017
Division: Russell



Contact:
CYNOSURE ENERGY LLC
Address/Job Location:

1125 17th Street, Suite 410
DENVER CO 80113



Reference:
LEIKER 3-25-15-20

Description of Work:
SURFACE JOB

APPROVED
By Bob Plante at 9:55 pm, Apr 19, 2017

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

Invoice Terms:

Net 30

	SubTotal:	\$ 2,684.11
	Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:	\$ (67.10)
	SubTotal for Taxable Items:	\$ 1,910.74
	SubTotal for Non-Taxable Items:	\$ 706.27
	Total:	\$ 2,617.01
	Tax:	\$ 133.75
	Amount Due:	\$ 2,750.76
	Applied Payments:	
	Balance Due:	\$ 2,750.76

7.00% Ellis County Sales Tax

Thank You For Your Business!

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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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. 148

Date	4-11-17	Sec.	25	Twp.	15	Range	20	County	Ellis	State	KS	On Location		Finish	3:57 PM
Lease	Leiker		3-25-15-20		Well No.		Location Antenna W180 53 2 1/2 W Unto								
Contractor	Duke				Owner		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and help to assist owner or contractor to do work as listed.								
Type Job	Surface				Charge To		Cochman								
Hole Size	12 1/4		T.D.		218 218		Street								
Csg.	8 5/8		Depth		217 217		City								
Tbg. Size			Depth				State								
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	10		Shoe Joint				Cement Amount Ordered 170 80/20 3/1.44 2/1.62								
Meas Line			Displace		1336										
EQUIPMENT							Common 100 136								
Pumptrk	No.	Cement	Helper		600's		Poz. Mix 70 34								
Bulktrk	No.	Driver	Driver		BETH		Gel. 3								
Bulktrk	No.	Driver	Driver		DARD		Calcium 7								
JOB SERVICES & REMARKS							Hulls								
Remarks:							Salt								
Rat Hole							Flowseal								
Mouse Hole							Kol-Seal								
Centralizers							Mud CLR 48								
Baskets							CFL-117 or CD110 CAF 38								
D/V or Port Collar							Sand								
8 5/8 in bottom, Est. Circulation							Handling 180								
mix 170 80/20 Displace							Mileage								
Cement Circulated!							FLOAT EQUIPMENT								
							Guide Shoe 8 5/8 Swage								
							Centralizer								
							Baskets								
							AFU Inserts								
							Float Shoe								
							Latch Down								
							Pumptrk Charge Surface								
							Mileage 22								
							Tax								
							Discount								
							Total Charge								
Signature Bob Plaut															

Quality Oilwell
Cementing



BP



1473

Date: 4/18/2017
 Invoice # 205
 P.O.#:
 Due Date: 5/18/2017
 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

APPROVED
 By Bob Plante at 8:49 pm, Apr 25, 2017

Reference:
 LEIKER 3-25-15-20

Description of Work:
 PROD STRING

Services / Items Included:	Quantity	Price	Taxable	Item	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	Bulk Truck Mileage-Job to Nearest Bulk Plant	22	\$51.95	No
Cement Port Collar, 5 1/2"	1	\$ 1,754.22	Yes				
Gilsonite	900	\$ 910.84	Yes				
5 1/2" Basket	3	\$ 566.75	Yes				
5 1/2" Turbolizer	11	\$ 534.36	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	226	\$ 152.48	No				

Invoice Terms:

Net 30

SubTotal: \$ 7,685.43
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (192.14)

	SubTotal for Taxable Items:	\$ 6,641.93
	SubTotal for Non-Taxable Items:	\$ 851.37
		Total: \$ 7,493.29
		Tax: \$ 464.94
		Amount Due: \$ 7,958.23
		Applied Payments:
		Balance Due: \$ 7,958.23

7.00% Ellis County Sales Tax

Thank You For Your Business!

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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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. 205

Date	4-18-17	Sec.	25	Twp.	15	Range	20	County	Ellis	State	KS	On Location		Finish	4:15 Am
Lease								Location		Schoncher 9 1/2 w into					
Lease								Well No.		Owner					
Contractor										To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job										Charge To					
Hole Size								T.D.		To					
Csg.								Depth		Street					
Tbg. Size								Depth		City State					
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered					
Meas Line								Displace		200000 10% Salt 5% Gilsomite 500 gal mud clear					
EQUIPMENT												Common			
Pumptrk		No.		Cementer		Helper		Driver		Driver		Poz. Mix			
Bulktrk		No.		Driver		Driver		Driver		Driver		Gel.			
Bulktrk		No.		Driver		Driver		Driver		Driver		Calcium			
JOB SERVICES & REMARKS												Hulls			
Remarks:												Salt 17			
Rat Hole												Flowseal			
Mouse Hole												Kol-Seal 900 #			
Centralizers												Mud CLR 48 500 gal			
Baskets												CFL-117 or CD110 CAF 38			
D/V or Port Collar												Sand			
5 1/2 set @ 38 ft. Insert @ 3840.5												Handling 226			
Est. Circulation Pump 500 gal mud												Mileage			
Clear lines & Displace Plug												FLOAT EQUIPMENT			
Cement Kalyks Marshall												Guide Shoe			
Cement 5 1/2 with 155 SK												Centralizer 11			
Clear lines & Displace Plug												Baskets 3			
Plug loader @ 1000 #												AFB Inserts Port Collar			
L.R. Pressure 900 #												Float Shoe 1			
												Latch Down 1			
												Pumptrk Charge prod string			
												Mileage 22			
												Tax			
												Discount			
												Total Charge			
X Signature Bob Plant															