KOLAR Document ID: 1319389

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 # 33397
Name: Running Foxes Petroleum Inc.
Address 1: 4B INVERNESS CT E.
Address 2: SUITE 120
City: ENGLEWOOD State: CO Zip: 80112 + 5328
Contact Person: Joe Taglieri
Phone: (303) 617-7242
CONTRACTOR: License # 33905
Name: Royal Drilling Inc
Wellsite Geologist: Chad Counts
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 #:

9/14/2016	9/18/2016	9/18/2016
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-013-20052-00-00
Spot Description:
NW - NW - NE - SE Sec. 4 Twp. 1 S. R. 15 ☑ East ☐ West
2315 Feet from ☐ North / ☑ South Line of Section
1292 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Brown
Lease Name: HERRMANN Well #: 9-4B-2
Field Name:
Producing Formation: Viola
Elevation: Ground: 1140 Kelly Bushing: 1146
Total Vertical Depth: 3435 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 219 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: 800 ppm Fluid volume: 75 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Running Foxes Petroleum
Lease Name: Randolph License #: 33397
Quarter SW Sec. 3 Twp. 1 S. R. 15 ☑ East ☐ West
County: Brown Permit #: 15013200100002

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: 10/12/2016
☑ **Confidential Release Date:** 10/12/2018
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 10/17/2016

Operator Name: Running Foxes Petroleum Inc. Lease Name: HERRMANN Well #: 9-4B-2

Sec. 4 Twp. 1 S. R. 15 ☑ East ☐ West County: Brown

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 *(Attach Additional Sheets)*	☑ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:
Attached

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Cherokee	1583	-437
Mississippian	2300	-1154
Hunton	2633	-1487
Viola	3335	-2289

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	219	Class A	250	3%cc 2% gel
Production	7.875	5.5	15.5	3399	PozMix	540	6% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☑ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

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

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Running Foxes Petroleum Inc.
Well Name	HERRMANN 9-4B-2
Doc ID	1319389

All Electric Logs Run

POR
BHV
PIT
SONIC

Form	ACO1 - Well Completion
Operator	Running Foxes Petroleum Inc.
Well Name	HERRMANN 9-4B-2
Doc ID	1319389

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	219	Class A	250	3%cc 2% gel
Production	7.875	5.5	15.5	3399	PozMix	540	6% gel

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **2931**
Foreman Kevin McCoy
Camp Eureka

API # 15-013-20052-00-00

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
9-15-16	1194	Herrmann 9-4B-2	4	15	15E	Brown	Ks

Customer: Running Foxes Petroleum, Inc.
Mailing Address: 48 Inverness Ct E. Ste 120
City: Englewood | State: Co. | Zip Code: 80112

Safety Meeting: KM DG SM AM

Unit #	Driver	Unit #	Driver
105	Dave		
112	Steve		
114	Alan M.		

Job Type: Surface
Casing Depth: 220' KB
Casing Size & Wt.: 8 5/8" 23#
Displacement: 13 BBL
Hole Depth: 220' KB
Hole Size: 12 1/4"
Cement Left in Casing: 15'
Displacement PSI:
Slurry Vol.: 60 BBL
Slurry Wt.: 15#
Water Gal/SK: 6.5
Bump Plug to:
Tubing:
Drill Pipe:
Other:
BPM:

Remarks: Safety Meeting: Rig up to 8 5/8" Casing. Break Circulation w/ 2 BBL fresh water. Mixed 250 sks Class "A" Cement w/ 3% CaCl2, 2% Gel, 1/4# Flo-Seal/sk @ 15#/gal, yield 1.35 = 60 BBL Slurry. Displace w/ 13 BBL fresh water. Shut Casing in. 5 BBL Slurry to Pit. Annulus Standing Full of Cement. Job Complete. Rig down.

Total Hrs on Location For Plug Back & Cementing Surface Cementing = 22 Hrs

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 101	1	Pump Charge	840.00	840.00
C 107	-0-	Mileage Pump Truck on Location	-0-	N/C
C 200	250 sks	Class "A" Cement	15.00	3750.00
C 205	700#	CaCl2 3%	.60#	420.00
C 206	470#	Gel 2%	.20#	94.00
C 209	62#	Flo-Seal 1/4#/sk	2.25#	139.50
C 108 B	11.75 Tons	Ton Mileage 150 miles	1.35	2379.36
		THANK You	Sub Total	7622.86
			Sales Tax	352.28
			Total	7975.14

Authorization: Witnessed By Jeff
Title: Running Foxes Co. Rep.

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7TH
PO Box 92
EUREKA, KS 67045
(620) 583-5561

ELITE CEMENTING & ACID SERVICE, LLC

Cement or Acid Field Report
Ticket No. **2932**
Foreman Kevin McCoy
Camp EUREKA

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
9-19-16	1194	HERRMANN 9-48-2	4	15	15E	BROWN	KS

Customer: Running Foxes Petroleum, INC.
Mailing Address: 48 INVERNESS CT E. STE 120
City: Englewood | State: Co. | Zip Code: 80112

Safety Meeting: KM AM SM RL ZA

Unit #	Driver	Unit #	Driver
104	ALAN M.		
112	Steve M.		
113	Zeui A		
114	Rick L.		

Job Type: Longstring | Hole Depth: 3435' KB | Slurry Vol.: 58 Bbl Stage #1, 128 Bbl Stage #2 | Tubing:
Casing Depth: 3399.08' G.L. | Hole Size: 7 7/8" | Slurry Wt.: 12.8# - 13.4# | Drill Pipe:
Casing Size & Wt.: 5 1/2" 15.50# | Cement Left in Casing: 0' | Water Gal/SK: | Other:
Displacement: 81.5 Bbl Stage #1, 52.0 Bbl Stage #2 | Displacement PSI: | Bump Plug to: | BPM:

Remarks: Safety Meeting: 5 1/2 Csg Set @ 3399.08' G.L. DV Tool Set @ 2169.78' Below G.L. Rig up to 5 1/2. Break Circulation w/ 10 Bbl Fresh water. Mixed 165 sks Thick Set Cement w/ 5# Kol-Seal, 2# Phenoseal/sk @ 13.4#/gal, yield 1.95 = 58 Bbl Slurry. Wash out Pump & Lines. Shut down. Release Latch down flex Plug. Displace Plug to Seat w/ 81.5 Bbl Fresh water. Final Pumping Pressure 750 psi, Bump Plug to 1300 psi. Release Pressure. Drop trip Bomb. Wait 15 mins. open DV Tool @ 1300 psi. Circulate Excess Cement off Top of DV Tool w/ Mud Pump = 5 Bbl Slurry to Pit. Circulate for 3 Hrs w/ mud Pump. Stage #1 Complete. Stage #2, Break Circulation w/ 5 Bbl Fresh water. Mixed 375 sks 60/40 Pozmix Cement w/ 6% Gel, 2# Phenoseal/sk @ 12.8#/gal, yield 1.90, = 128 Bbl Slurry. Wash out Pump & Lines. Shut down. Release Closing Plug. Displace Plug to Seat w/ 52 Bbl Fresh water. Final Pumping Pressure 700 psi. Closed DV Tool @ 1300 psi. Bump Plug to 1750 psi. Release Pressure. No Flow Back. Tool Closed. Good Cement to Surface = 8 Bbl Slurry to Pit. Job Complete.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge Stage #1	1050.00	1050.00
C 107	150	Mileage	3.95	592.50
C 102	1	Pump Charge Stage #2	750.00	750.00
C 201	165 sks	Thick Set Cement (Stage #1)	19.50	3217.50
C 207	825#	Kol-Seal 5#/sk (Stage #1)	.45	371.25
C 208	330#	Phenoseal 2#/sk (Stage #1)	1.25#	412.50
C 203	375 sks	60/40 Pozmix Cement (Stage #2)	12.75	4781.25
C 206	1935#	Gel 6% (Stage #2)	.20#	387.00
C 208	750#	Phenoseal 2#/sk (Stage #2)	1.25#	937.50
C 108 A	25.2 Tons	Ton Mileage, Bulk Trucks x3	1250.00	3750.00
C 661	1	5 1/2 AFU Float Shoe w/ Latch down	294.00	294.00
C 604	3	5 1/2 Cement Baskets (Top of #3, 19, 27)	225.00	675.00
C 504	9	5 1/2 x 7 7/8 Centralizers (#1, 3, 5, 7, 9, 11, 13, 15, 27)	48.00	432.00
C 781	1	5 1/2 Stop Ring	30.00	30.00
C 776	1	5 1/2 DV Tool w/ Plugs (Top of #28)	2800.00	2800.00
		THANK You	Sub Total	20,480.50
		8%	Sales Tax	1,147.04
			Total	21,627.54

Authorization _____ Title _____

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

Royal Drilling, Inc.

P.O. Box 342
Russell, Kansas 67665

Running Foxes Petroleum
Herrmann #9-4B-2
NW NW NE SE Sec. 4-1S-15E
Brown County, Kansas

9/13/2016	11:00 PM	Move in & spud
9/14/2016	7:00 AM	95', work on getting circulation back Drill rat hole @ 2:00 AM, back in hole to start drilling @ 5:15 AM, lost circulation @ 6:45 AM – 95', pump 3 tanks of mud, wait on cementers, pump 50 sacks of Class A Common, 3% CC, 2% Gel. & ¼# flowseal per sack, wait on cement, 2nd spotting of cement – 50 sacks of Class A Common, 3% CC, 2% Gel., ¼# flowseal per sack + 2 bags of hulls, wait on cement, @ 9:00 PM drill cement, drill ahead
9/15/2016	7:00 AM	220', wait on surface @ 12:15 AM circulate & jet cellar, trip out of hole w/bit, set surface @ 220' with 5 joints of 8⅝", new, 23# casing, cement with 250 sacks Class A Common, 3% CC, 2% Gel. & ¼# flowseal per sack, plug was down @ 3:00 AM, cement company – Elite Cementing, survey - ¼° Drill plug @ 11:30 AM, drilling ahead
9/16/2016	7:00 AM	1996', drilling ahead Displacement: mud was in @ 2219', mud came around @ 2255' DST #1—on bottom @ 9:00 PM (2635 – 2648'), recovery: 7' mud
9/17/2016	7:00 AM	2780', drilling ahead Lost circulation @ 2993', mix mud and run in hole to get circulation back, dry drilled to 3036', mix additional mud and run in hole, got circulation back, drill ahead
9/18/2016	7:00 AM	3390', 3435' TD @ 8:30 AM, loggers TD 3435', bottom hole survey1°, lay down drill pipe, set 5½", new, 15.5# casing
9/19/2016	7:00 AM	Tear down rig @ midnight continue running casing, 2 stage cement, 1st stage-165 sacks thick set cement, 5# Kol-seal, & 2# Pheno-seal, 2nd stage-375 sacks 60/40 Poz. mix, 6% Gel. & 2# Pheno-seal, cement company: Elite Cementing, rig release @ 6:30 AM

719 W. Witt Ave. **Russell, Kansas 67665** **Ph: 785-483-6446**
Fax: 785-483-6566

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
Herrmann9-4B-2dst1

Company Running Foxes Petroleum, Inc. Lease & Well No. Herrmann No. 9-4B-2

Elevation 1146 KB Formation Hunton Effective Pay -- Ft. Ticket No. RR241

Date 9-16-16 Sec. 3 Twp. 1S Range 15E County Brown State Kansas

Test Approved By Chad Counts Diamond Representative Ricky Ray

Formation Test No. 1 Interval Tested from 2,635 ft. to 2,648 ft. Total Depth 2,648 ft

Packer Depth 2,630 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,635 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,625 ft. Recorder Number 0062 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 2,636 ft. Recorder Number 8471 Cap. 5,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Royal Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 29

Weight 9.2 Water Loss 13.2 cc.

Chlorides 1,200 P.P.M.

Jars: Make Sterling Serial Number Not Run

Did Well Flow? No Reversed Out No

Drill Collar Length 124 ft I.D. 2 1/4 in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 2,486 ft I.D. 3 1/2 in.

Test Tool Length 25 ft Tool Size 3 1/2-IF in.

Anchor Length 13 ft. Size 4 1/2-FH in.

Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 1 in. in 30 mins. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 6 ft. of mud = .029520 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 8:55 P.M. Time Started off Bottom 10:55 P.M. Maximum Temperature 98°

Initial Hydrostatic Pressure.....(A) 1268 P.S.I.

Initial Flow Period.....Minutes 30 (B) 24 P.S.I. to (C) 26 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 75 P.S.I.

Final Flow Period.....Minutes 30 (E) 26 P.S.I to (F) 23 P.S.I.

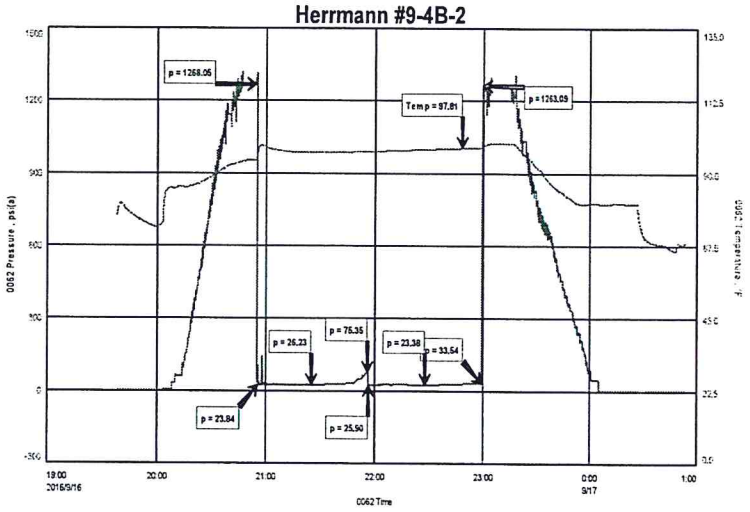
Final Closed In Period.....Minutes 30 (G) 34 P.S.I.

Final Hydrostatic Pressure.....(H) 1263 P.S.I.

Diamond Testing LLC
P.O. Box 157
Hoisington KS 67544

Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	Running Foxes Petroleum, Inc
Contact	Joe Taglieri
Well Operator	Running Foxes Petroleum, Inc
Well Name	Herrmann #9-4B-2
Surface Location	Sec: 3-1S-15E (Brown County)
Field	Livingood
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Chad Counts
Gauge Name	0062

Test Information

Job Number	RR241
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Hunton (2635-2648)
Start Test Date	2016/09/16
Start Test Time	19:38:00
Final Test Date	2016/09/17
Final Test Time	00:53:00

Test Results

Recovery:

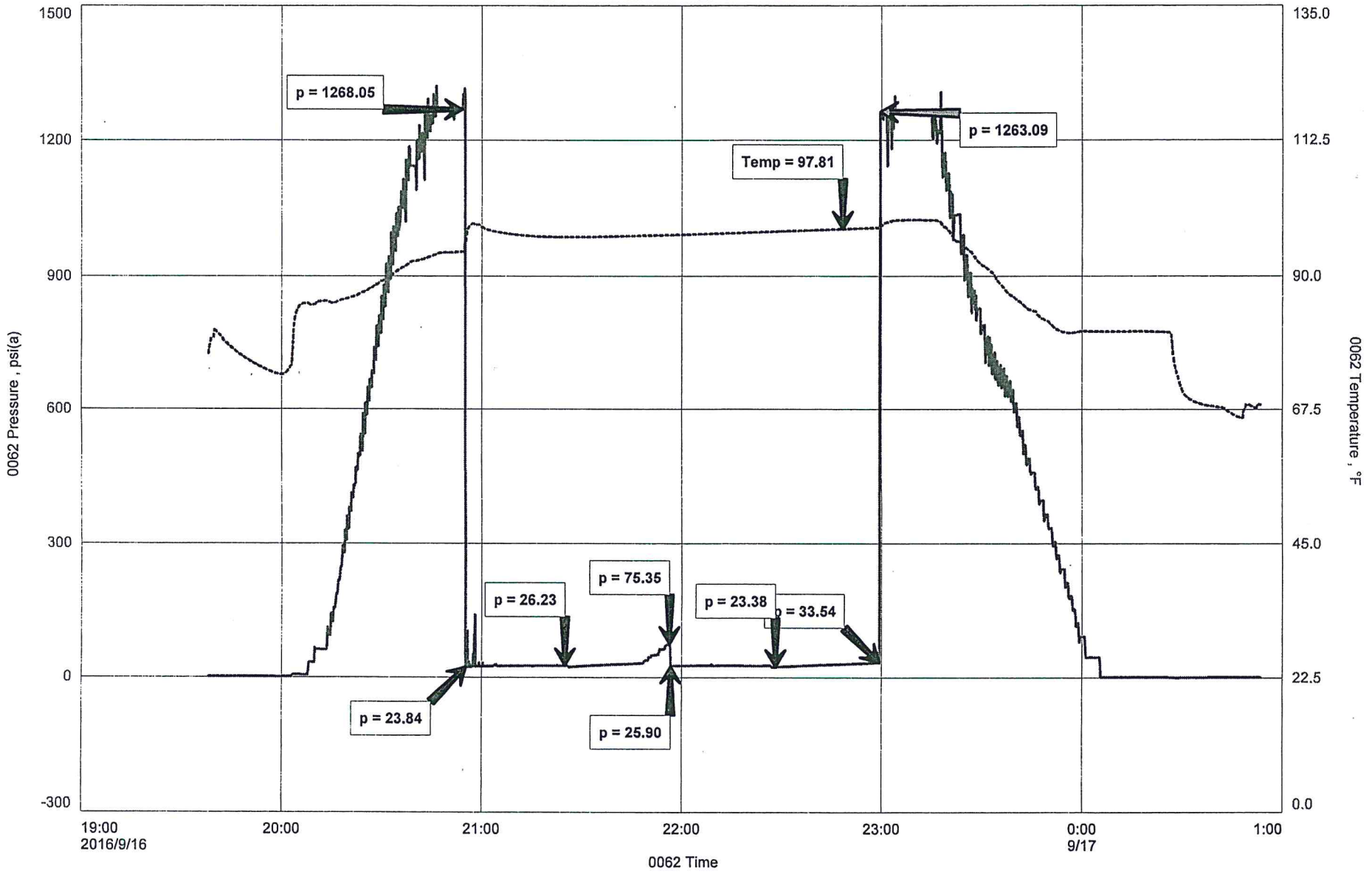
6'	M	100% M

Tool Sample: 100% M

Dst 1 Hunton (2635-2648)
Start Test Date: 2016/09/16
Final Test Date: 2016/09/17

Formation: Dst 1 Hunton (2635-2648)
Pool: Infield
Job Number: RR241

Herrmann #9-4B-2



Running Foxes Petroleum, Inc

Dst 1 Hunton (2635-2648)
Start Test Date: 2016/09/16
Final Test Date: 2016/09/17

Formation: Dst 1 Hunton

Job Nur

Herrmann #9-4B-2