KOLAR Document ID: 1319389

Confiden	tiality Requeste	d:
Yes	No	

Recompletion Date

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 East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	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 #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West

County:

AFFIDAVIT

Recompletion Date

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:							

_ Permit #: _

KOLAR Document ID: 1319389

Operator Name:	Lease Name: V	Nell #:
Sec TwpS. R East _ West	County:	

Page Two

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 Sh	eets)	Y	es 🗌 No			og Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Geolog	*		és 🗌 No	Ν	lame	e		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			ies No ies No ies No						
		Repo	CASING I] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled		ze Casing tt (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Туре	e of Cement	# Sacks Used	k		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the is Was the hydraulic fractu Date of first Production/Inj 	total base fluid of the h ring treatment informa	nydraulic fra tion submit	acturing treatment	al disclosure regis	-	Yes Yes Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Injection:			Flowing	Pumping		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		M	ETHOD OF COM	IPLE	TION:			ON INTERVAL:
Vented Sold (If vented, Subm	Used on Lease		Open Hole		-		mingled	Тор	Bottom
	oration Perfora Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze	
TUBING RECORD:	Size:	Set At:		Packer At:					

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		Type and Percent Additives
Surface	12.25	8.625	23	219	Class A		3%cc 2% gel
Production	7.875	5.5	15.5	3399	PozMix	540	6% gel

Cement o	r Acid Field Report
Ticket No.	
Foreman	Keuns McCoy

	, KS 67045 83-5561	GEN	IENTING & ACID	SERVICE	LLC		Forema Camp <u>∠</u>	n <u>Keun M</u> Eureka	coy
Date	Cust. ID #		e & Well Number		Section	Township	Range	County	State
9-15-16	1194	HERRI	MANN 9-48-2		4	15	15 E	BROWN	Ks
Customer				Safety	Unit #		river	Unit #	Driver
RUNN	No Foxes	Petroleum	INC.	Meeting	105	DAV	and the same and the		
Aailing Address		/	,	KM	112	Stev	c		
		GT E. St	e 120	DG SM	114	ALAN	<i>m</i> .		
City		State	Zip Code	AM					
Englew	bood	Co.	80112						
ob Type <u></u>	RFACE	Hole De	oth 220' KB		Slurry Vol.		Tu	ibing	
asing Depth_	220 KB	Hole Si	ze 12'14"		Slurry Wt. 15		Dr	ill Pipe	
asing Size &	Wt. 83/8 23	Cement L	eft in Casing 15		Water Gal/SK	6.5	Ot	her	
isplacement_	13 Bbc		ement PSI		Bump Plug to		BF	PM M	
		eting: Rig	up to 8 5/8	CASIN	9. BREAK	CIRCULA	tion w/ .	2 BbL FRest	h water
Mixed 2	50 SKS C	TASS "A" C	ement w/ 39	% CACL	2% Gel	14 * +1	6. SEAL /S	K@ 15 #/9	AL VIEL
1.35 = 60	BLC SIU	RRY. DISOI	Ace w/ 13 B	IL FR	esh watce	Shot C	ASING IN.	5 BLL STUR	Ry to
0.1 0.	1 01	1 54		11		0 1	/		/

Pit. ANNUlus Standing Full of Cement. Job Complete. Rig down.

810 E 7TH PO Box 92 **EUREKA, KS 67045**

TotAL HRS ON LOCATION FOR Plug BACK & CEMENTING SURFACE CEMENTING = 22 HRS

Code	Qty or Units	Description of Product or Services	Unit Price	Total
2 101	1	Pump Charge	840.00	840.00
2 /07	-0-	Mileage Pump TRUCK on LOCATION	-0-	NIC
200	250 sks	CLASS "A" Cement	15.00	3750.00
205	700 #	CACLZ 3°6	, 60 #	420.00
206	470 *	Gel 2%	,20 *	94.00
C 209	62 #	Flo-SEAL 1/4 # /5K	2.25 #	139.50
- 108 B	11.75 Tons	Ton Milesge, 150 miles	1.35	2379.36
				-01
		The ste M		
		THANK YOU	Sub TotAL	7622.86
	-		Sales Tax	352.28
	ation Witness	ed By kr= Title RUMNINg Foxes Co. Rep.	Total	7975.14

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.

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

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



OutsideUnitDiverDiverRummingJokesJokesJokesJokesAllingAddressAllingJokesJokes48INVERNESSCTE. STE 140MailingMailingStateZip CodeStateJokesCityStateZip CodeStateJokesLog KundersGeneStateZip CodeStateJob TypeLongertainingHole Depth3435' KBSitury Vol. 128' Hole StateCasing Depth3379.08' E.L.Hole Depth3435' KBSitury Vol. 128' Hole StateCasing Size & Win StateXissonComment left in CasingValuer Gal/SKOtherDisplacementStateSigned StateSitury Vol. 128' Hole StateOtherDisplacementStateSigned StateNameSitury Vol. 128' Hole StateOtherDisplacementStateSigned StateNameNameSitury Vol. 128' Hole StateStateRemarks:StateJoke FranceAlexanderNameNameSitury Vol. 128' Hole StateJohans StateStateStateStateStateStateNameBard Kinger, Jace HandNameStateStateStateNameCasing DepthStateStateStateStateStateCasing DepthStateStateStateStateStateCasing DepthStateStateStateStateStateCasing DepthStateStateSt		
OutsideConstraint <th< td=""><td>County</td><td>State</td></th<>	County	State
Running Jones Parkolown, INC.MeetingIntermIntermMailing AddressIIISteve M.H3INVERNESS CT E. STE ROIIICityStateZip CodeEnglewoodCo.801/2Job Type LangsteingHole Depth 3435 KBJob Type LangsteingHole Depth 3435 KBJob Type LangsteingStateJob Type LangsteingJob State	BROWN	Ks
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48Inviewess Cr E. Stell2031IIIRick 2.invStateCo.801/22121114Rick 2.ob Type LangsternGo.801/22121114Rick 2.asing Depth. 3392.08G.L.Hole Depth 3435'/XBSturry Vol. (28.6%.Sing. *2Tubing.asing Size & W. 5%I.S. 5%Comment Letin Casing 0'Water Gal/SKOther_isplacement Size & W. 5%Signer *2Displacement PSIBump Plug toBPMtermarks: SAFELYMeeting:5%Cos Set 93392.08'G.L. Du Tool Set 92169.78' Bobbs GL.termarks: SAFELYMeeting:5%Cos Set 93392.08'G.L. Du Tool Set 92169.78' Bobbs GL.termarks: SAFELYMeeting:5%Cos Set 93392.08'G.L. Du Tool Set 92169.78' Bobbs GL.termarks: SAFELYMeeting:5%Cos Set 93392.08'G.L. Du Tool Set 92169.78' Bobbs GL.termarks: SAFELYMeeting:5%Cos Set 93392.08'G.L. Du Tool Set 92169.78' Bobbs GL.termarks: SAFELYMeeting:5%Cos Set 92169.78' Bobbs GL.00flog to 1300.711Better Du Tool With Cos Set 700.78' Bobbs GL.0000flog to 1300.721State Cos Set 9State Acesh water.Armer Auf 2.5'flog to 200.711StatesCos Set 700.78' StatesCos Set 92169.75' Statesflog to 200.721StatesStatesCos Set 2.2''' Meens Set 2.5''' Meens Set 4.5''''''''''''''''''''''''''''''''''''		
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CNJPEUDOD Co. 201/2 Start Vol (28 BL start *1 ob Type Longstherg Hole Depth 3425 'KB Stury Vol (28 BL start *1 Tubing, saing Depth 3579.08 'C.L. Hole Size 7'8'' Stury W./22 * - 13.4'' Drill Pip saing Size & W. 5'X 'S.So *' Cement Let in Casing 0' Water Gal/SK Other isplacement 'S.So *' Cement Let in Casing 0' Water Gal/SK Other Remarks: Sheety Meetring : 5'X Csp Set & 3397.08 'G.L. Du Tool Set @ 2169.78' Bebw GL. BRM Brows Earl (Arc. Arch with Casing 0') Water Gal/SK Remarks: Sheety Meetring : 5'X Csp Set & 3397.08 'G.L. Du Tool Set @ 2169.78' Bebw GL. Brows Earl (Arc. Arc. Set Generat and 5') Remarks: Sheety Meetring : 5'X Csp Set & 3397.08' G.L. Du Tool Set @ 2169.78' Bebw GL. Set Set format and 5' Bewe Seal (Six & Meetring : 5'X Csp Set & 3397.08' G.L. Du Tool Set @ 2169.78' Bebw GL. Set Set format and 5' Bewe Seal (Six & Set format and 105 Set % Set format and 5') Set Set format and 5' Bewe Seal (Six & Set for for for for format and format a		
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asing Depth 3392.08 S.L. Hole Size 779 Slurry WL $22.8 + 13.9$ Drill Pip asing Size & WL 54 '15.50 '', Cement Left in Casing D' Water Gal/SK Other_ isplacement 522.241 State 2 Displacement PSI Bump Plug to BPM	9	1.0.
asing Size & Wt. 520 ** Cement Left in Casing	ipe	
temarks: SARety Meeting: 51/2 Csg Set @ 3397.08 6.1. DV Tool Set @ 2169.78 Bebw 6.1. BREAK CIRCULAtion w/ 10 BUL FRESH water, Mixed 165 stor. Thick Set Compared w/ 5" There Seal / Ste @ 15."*/gal, yield 1.95 = 58 BUC Sturity, wash out Avmp & Lines: Shot down down Flex Alug. Displace Play to Seat w/ 81.5 BUL FRESH owater. Frind Pumping Pressure Play to 1300 PSI. Felderse Pressure. Drep trep Bomb. Wart 15 mins. Open Dv Tool @ Starses Cement of For Dv Tool of Pv Tool of Part Bord Prind Pumping Pressure. Play to 1300 PSI. Felderse Pressure. Drep trep Bomb. Wart 15 mins. Open Dv Tool @ Starses Cement of For Dv Tool of Put Pressure 15 mins. Open Dv Tool @ Pump. Stage *1 Complete. Stage *2. BREAK CIRCULATION W/S BUL FRESH water. MI Solyto formix Cement w/ 6% Gel 2 # Pheno Seal / Ste @ 128 ²⁴ /gal, yield 1.90, = Water. Final Pumping Pressure 700 PSI. Closed Du Tool @ 1300 PAT. Bump Play to Ressure. Not Frow Back. Tool Closed. Good Commant to Surance = 8 BUL Slurery to At. Jo Code Qty or Units Description of Product or Services C 102 1 Pump Charge Stage *1 2001 165 star Thick Set Cement 2002 1 Pump Charge Stage *2 2001 165 star Thick Set Cement 2003 375 star 60/40 Remix Cement 2008 750 * Pheno Seal 2* sta 2008 750 * Pheno Seal 2* sta 2008 750 * Pheno Seal 2* star 2008		
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BREAK CIRCULATION W/ 10 BBL FRESH WATEL, MIXed 165 spc. Thick Set Coment all Stations Phone Seal, Jak @ 18, 19, 19, 19, 19, 19, 19, 10, 19, 10, 19, 19, 10, 19, 19, 10, 19, 19, 10, 19, 10, 19, 10, 19, 10, 19, 10, 19, 10, 19, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	. Big up to	51/2.
Memo Seal / SK G 15: ^{4*} /gal, yreid 1.95 = 58 Bbl. Sturkty. Wash out Aump & Lines. Shut down Jown Flex Plup. Displace Plup to Sear w/ 81.5 Bbl. Fresh water. Final Pungenng Pressure. Plup to 1300 Pri. Behase Pressure. Drop trep Bomb. Wart 15 mins. Open Dv Tool (@). Excess Cement of F Top of Dv Tool w/ Mul Pung = 5 Bbl. Stury to Pri. Claculate for Pung. Stage #1 Complete. Stage #2 Break Claculations w/s Bbl. Fresh water. Mi Soly Porsmix Cement w/ 6% Gel. 2 ^{##} Anono Seal first (%). But Fresh water. Mi Soly Porsmix Cement w/ 6% Gel. 2 ^{##} Anono Seal first (%). Displace Plug to 190, = Wash out Pung & Lines. Shut down. Release Claring Plug. Displace Plug to Sear u water. Frink Pumping Pressure. 700 PSI, Closed Du Tool (@ 1300 Pri. Bung Plug to Ressure. No Flow Back. Tool Closed. Good Cement to Surance = 8 Bbl. Sluxer to Pri. Jo. Code Qty or Units Description of Product or Services Unit Price 2.102 1 Pump Charge Stage #1 1050.0 2.001 165 sizes Thick Set Cement 19.55 2.003 375 size 60/40 fremix Cement 19.55 2.003 375 size 60/40 fremix Cement 19.55 2.004 9 Stas to Mileage. Bulk Trucks x 3 12.55 2.006 1935 the Gel. 6%. Stage Stage *2	#Kol-Seal	2#
Jown Flex Plug. Displace Plug to Seat w/ 81.5 RML Fresh water. Final Pumping Pressure. Plug to 1300 PSI. Release Pressure. Drop tay Boonds. Wait 15 mins. Open DV Tool. @ Excess Cement off Top of DV tool. w/ Mud Pump = 5 RMC Story to Pit. Circulate to Jump. Stage #1 Complete. Stage #2. Break Circulations w/5 RMC Fresh water. Mile Solyto formix Cement w/ 6% Gel. 2# Please Classing Plug. Displace Plug to Seat with the seat of	IN. Releas	e LATCH
Plug to 1300 PSI. Telepse Pressure. Drop try Bomb. Whit 15 mins. Open DV Tool Q. Excess Cement off Top of DV Tool Q/ Mud Pump = 5 Bbl Stury to Prt. CIRCUMAte to Tomp. Stage #1 Complete. Stage #2 Break Circulations W/S Bbl Fresh under. Mi Solfo Pozmix Cement W/S & Eel 2 # Aleno Seal / St & Hage #/gal yield 190, = which out Pump & Lines. Shut down. Release Classing Plug. Displace Plug to 5 Seat Under. Final Pumping Pressure 700 PSI, Closed DU Tool Q 1300 PAI. Bump Plug to Ressure. No flow Back. Tool Closed. Good Cement to Superance = 8 Bbl. Stury to PAI. Du Pump Charge Stage #1 1050.0 2107 150 Mileage 2102 1 Pump Charge Stage #2 2018 Star Thick Set Cement 2020 825 # Kel-Seal Stage *2 201 165 star Thick Set Cement 2020 8330 # Pheno Seal 2*/sk 203 375 star 60/40 Remix Cement 208 320 # Pheno Seal 2*/sk 208 320 # Pheno Seal 2*/sk 208 320 # Pheno Seal 2*/sk 208 750 # Pheno	TO PS/	Burgo
Excess Cement of F Top of DV Tool of Mud Pump = 5 Bbl stury to Prt. CIRCUMAte For Pump. Stage #1 Complete. Stage #2 Break CIRCUMAtions of 5 Bbl Fresh outfee. Mi Solyto formix Cement of 6% Gel 2# Phenose al /5% @ 128 ^{BH} /gal, yield 1.90, = Nash out Pomp & Lines. Shut down. Belease Classing Plug. Displace Plug to Sear o Wate. Final Pumping Ressure 700 Psi, Closed DV Tool@ 1300 Pri. Bomp Plug to Ressure. No Frow Back. Tool Closed. Good Cement to SURFACE = 8 Bbl Stury to Pt. Jo Code Qty or Units Description of Product or Services Unit Price 7.102 1 Pump Charge Stage #1 1050.0 2.201 165 star TAICK Set Cement 19.55 2.003 375 star 60/40 Permix Cement 19.55 2.003 375 star 60/40 Permix Cement 19.55 2.008 750 # Pheno Seal 2# [sta 2.008 750 # Pheno Seal 2# [sta 2.009 750 # Pheno Seal 2# [sta 2.000 2.0 2.001 1 Sta Aria float shoe out Catch down 2.294.0 2.001 2.207 825 # Kel-Seal 5# [sta 2.002 7.0 2.003 375 star 60/40 Permix Cement 2.2 2.008 750 # Pheno Seal 2# [sta 2.008 750 # Pheno Seal 2# [sta 2.009 750 # Pheno Seal 2# [sta 2.000 2.504 9 55 x 778 Cement 2.2 2.009 750 # Pheno Seal 2.2 2.009 750 # Pheno Seal 2.2 2.000 2.504 9 55 x 778 Cement 2.2 2.000 2.504 9 55 x 778		
Jump. Stage #1 Complete. Stage #2 BREAK Circulations w/5 B&L Fresh water. Miles Jalyo formix Cernewt w/6% Gel. 2# Pheno Seal / St. @ 12.8# /gal, yield 1.90; = Wash out Pump f Lines. Shut down. Belease Clasing Plug. Displace Plug to Sear water. Trival Pumping Plug. State 700 Psi, Closed Du Tool@ 1300 Pri. Bwmp Plug to Ressure. No Flow Back: Tool Closed. Good Cernewt to Sukrace = 8 BAL Sturry to Pt. Jo. Code Qty or Units Description of Product or Services Unit Price 102 1 Pump Charge Stage *1 1050.0 103 102 1 Pump Charge Stage *2 750.0 201 155 sks Trick Set Cernevt 19.5% 201 165 sks Trick Set Cernevt 19.5% 202 1 Pump Charge Stage *2 750.0 201 165 sks Trick Set Cernevt 19.5% 202 165 sks Trick Set Cernevt 19.5% 203 370 sts 60/40 formix Cernevt 12.5* .20 204 135 th 6el 6% 2.4 (sk .20 .20 205 135 th 6el 6% 2.4 (sk .20 .20 203 570 th Pheno Seal 2# (sk .20 .20 .20 .20 .20 <td>51300 PSI. C</td> <td>us mud</td>	51300 PSI. C	us mud
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Insh out fours. The lease clasing Plug. Displace Plug to Sear under. Finish Pumping PRessure 700 PSI. Closed Du Tool Q 1300 PM. Bomp Plug to Ressure. No From Back. Tool Closed. Good Cement to Surance = 8 BML Sturry to Pt. Jo Code Qty or Units Description of Product or Services 102 1 Pump Charge Stage # 1 1050.0 107 150 Mileage 3.95 201 150 Fact. Set Cement 19.50 202 1 Pump Charge Stage # 2 750.0 203 102 1 Pump Charge Stage # 2 750.0 201 165 sks THICK Set Cement 19.50 202 825 # Kel-Seal S # /sk Stage # 1 .455 203 375 sks 60/40 Premix Cement 12.75 .20 208 330 # Phenio Seal 2# /sk 1.25* .20 208 350 # Phenio Seal 2# /sk 1.25* .20 208 350 # Phenio Seal 2# /sk 1.25* .20 208 750 # Seal 2# /sk 1.25* .20 208 750 # Phenio Seal 2# /sk 1.25* .20 208 750 #	1/xed 3730	s KS
UATEL. Final Pumping PRESSURE 700 PSI. Closed DU Tool Q 1500 PAI. Bomp Plug to Ressure. No Frow BACK. Tool Closed. Good Cement to Surrace = 8 201 Slorer, to Pt. Jo Code Qty or Units Description of Product or Services Unit Price 102 1 Pump Charge Stage * 1 1050.0 107 150 Mileage 3.75 102 1 Pump Charge Stage * 2 750.0 103 10 Pump Charge Stage * 2 750.0 102 1 Pump Charge Stage * 2 750.0 103 10 Pump Charge Stage * 2 750.0 201 165 sks THICK Set Cement 19.50 207 825 * Kel-Seal S*/sk Stage * 1 .455 208 330 * Pheno Seal 2*/sk 1.25* .20 208 330 * Pheno Seal 2*/sk 1.25* .20 208 750 * 60/40 formix Cement .20* .20* 208 750 * Pheno Seal 2*/sk 1.25* .20* 208 750 * Pheno Seal 2*/sk .20* .20* 208 750 * Pheno Seal 2*/sk	= 128 BK-	STURRY.
Ressure. No Frow Back. Tool Closed. Good Cement to SURFACE = 8 BUL STURPY to Pit. Jo.CodeQty or UnitsDescription of Product or ServicesUnit Price10.21Pump Charge Stage #11050.0107150Mileage3.952021Pump Charge Stage #2750.0201165 starThick Set Cement19.50207825 #Kel-Seal 5 #/skStage #1208330 #Pheno Seal 2*/sk1.25*203375 star60/40 Pazmix Cement12.752061935 #Gel 6%.20208750 #Pheno Seal 2*/sk1.25*10825.2 TonsTon Mileage, Bulk Trucks x 31250.0020615½ Afra Float Shoe w/ Lattch down294.0020835%9.5%5%3.25*108A25.2 Tons Ton Mileage, Bulk Trucks x 31250.0020435½ Afra Float Shoe w/ Lattch down294.0020595½ X Tilg Centralizers (*1,3,5,7,9,11,13,15,27)425.0020995½ X Tilg Centralizers (*1,3,5,7,9,11,13,15,27)48.0020115½ Dv Tool w/ Plugs (Top of *28)2800.00	w/ 52 B	6L FResh
CodeQty or UnitsDescription of Product or ServicesUnit Price 10.2 1Pump Charge $5tAge #1$ 1050.0 107 150 Mileage 3.75 2102 1Pump Charge $5tAge #2$ 750.0 201 $1655 sks$ $THick Set Connext$ 19.50 201 $1655 sks$ $THick Set Connext$ 19.50 207 $825 #$ $Kel-Seal 5 * / sk$ $5tAge #1$ $.455$ 208 $330 #$ $Pheno Seal 2* / sk$ $1.85*$ 203 $375 sks$ $60/40$ formix Connext 12.75 206 $1935 #$ Gel 6% $.5tAge #2$ $.20$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$ 208 $750 #$ $Pheno Seal 2* / sk$ $1.25*$	0 1750 PSI	. Helense
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Total
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		50.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		72.50
201 165 sks THICK SET Cement 19.50 207 825 ** Kol-Seal 5*/sk Stage **1 .45 208 330 ** Pheno Seal 2*/sk 1.25* 203 375 sks 60/40 Pozmix Cement 12.75 206 1935 ** Gel 6% 5tage *2 .20 208 750 ** Pheno Seal 2*/sk 1.25* 208 25*/2 Tons Ton Mileage Bulk Tkucks x 3 2800.00 2504 9 5		50.00
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		17.50
208 330 # Pheno Seal $2^{*}/st$ 1.25* 203 375 sks 60/40 Pozmix Cement 12.75 206 1935 ** Gel 6% 30 208 750 ** Pheno Seal $2^{*}/st$ 1.25* 208 750 ** Pheno Seal $2^{*}/st$ 1.25* 108 A 25.2 Tons Ton Mileage. Bulk TRUCKS X 3 1.25* 2061 1 5½ AFu Float shoe w/ Latch down 294.00 2064 3 5½ aFu Float shoe w/ Latch down 294.00 2065 3 5½ aFu Float shoe w/ Latch down 294.00 2064 3 5½ aFu Float shoe w/ Latch down 294.00 20504 9 5½ a X718 Centralizers (*13579, 19, 27) 2250.00 2504 9 5½ a X718 Centralizers (*13579, 19, 27) 2800.00 2781 1 5½ a Dv Tool w/ Plugs (Top of *28) 2800.00 2776 1 5½ Dv Tool w/ Plugs (Top of *28) 2800.00		71.25
203 375 sks 60/40 Pozmix Cement 12.75 206 1935 ** Gel 6%. Stage *2 .20 208 750 ** Pheno Seal 2**/sk 1.25 * 108 A 25.2 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 25.2 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 25.2 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 25.2 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 25.4 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 25.4 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 25.4 Tons Ton Mileage. Bulk TRUCKS X3 1.25 * 108 A 51/2 Area Float shoe w/ Catch down 294.00 109 64 3 51/2 Cement Baskets (Top of *3, 19, 27) 235.00 100 51/2 ON Tool w/ Plogs (Top of *3, 19, 27) 48.00 30.00 100 51/2 DV Tool w/ Plogs (Top of *28) 2800.00 2800.00		12.50
206 1935 ** Gel 6%. Stage *2 .20 208 750 ** Pheno Seal 2**/st. 1.25 * 108 A 25.2 Tons Ton Mileage, Bulk Trucks X3 1.25 * 2661 1 51/2 AFu Float shoe w/ Latch down 294.00 2604 3 51/2 Cement Baskets (Top of *3, 19, 27) 235.00 2504 9 51/2 X 71/8 Central Lizers (*1, 3, 5, 7, 9, 11, 13, 15, 27) 48.00 2781 1 51/2 Stop Rimg 30.00 2716 1 51/2 Dv Tool w/ Plugs (Top of *28) 2800.00		781.25
208 750 ** Pheno Seal 2*/st 1.25" 108 A 25.2 Tons Ton Mileage, Bulk TRUCKS X3 1250.00 2661 1 51/2 AFU Float shoe W/ LATCH down 294.00 2604 3 51/2 Cement Baskets (Top of *3, 19, 27) 225.00 2504 9 51/2 X 77/8 Central Lizers (*1,3,5,7,9,11,13,15,27) 48.00 2781 1 51/2 Stop Rimg 30.00 2776 1 51/2 DV Tool W/ Plugs (Top of *28) 2800.00		
108 A 25.2 Tons Ton Mileage, Bulk TRUCKS X3 1250.00 2661 1 51/2 AFU Float shoe w/ Latch down 294.00 2604 3 51/2 Cement BASKets (Top of *3, 19, 27) 225.00 2504 9 51/2 X 77/8 Central Lizers (*1,35,7,9,11,13,15,27) 48.00 2781 1 51/2 Stop Ring 30.00 2776 1 51/2 DV Tool w/ Plugs (Top of *28) 2800.00	* 0	87.00
2 661 1 5 1/2 AFU FloAT Shoe w/ LATCH down 294.00 2 664 3 5 1/2 Gement BASKets (Top of *3, 19, 27) 225.00 2 504 9 5 1/2 X 77/8 Central Lizers (*1, 3, 5, 7, 9, 11, 13, 15, 27) 48.00 2 781 1 5 1/2 Stop Rimg 30.00 2 776 1 5 1/2 DV Tool w/ Plugs (Top of *28) 2800.00		37.50
2. 604 3 51/2 Cement BASKets (TOP OF *3, 19, 27) 225.00 2. 504 9 51/2 × 77/8 Central Lizers (*1,3,5,7,9, 11, 13, 15, 27) 4/8.00 2. 781 1 51/2 Stop Rimg 30.00 2. 776 1 51/2 DV Tool w/ Plugs (Top of #28) 2800.00		50.00
2.504 9 51/2 × 71/8 Centralizers (*1,3,5,7,9,11,13,15,27) 48.00 2.781 1 51/2 Stop Ring 30.00 2.776 1 51/2 DV Tool w/ Plugs (Top of #28) 2800.00		294.00
2781 1 51/2 Stop Ring 2776 1 51/2 DV Tool w/ Plugs (Top of #28) 2800.00		75.00
2800.00		132.00
		30.00
	0 2	800,00
Tuat Van	1 20	480.50
THANK YOU Sub Total AND So MA Sol Sales Tax		147.04
Sales Tax		627.54

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, 2 nd 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 8⁵/s", new, 23# casing, cement with 250 sacks Class A Common, 3% CC, 2% Gel. & ¹/₄# flowseal per sack, plug was down @ 3:00 AM, cement company – Elite Cementing, survey - ¹/₄° 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, 1 st stage-165 sacks thick set cement, 5# Kol-seal, & 2# Pheno-seal, 2 nd stage-375 sacks 60/40 Poz. mix, 6% Gel. & 2# Pheno-seal, cement company: Elite Cementing, rig release @ 6:30 AM



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

Page 1 of 2 Pages

Company Running Foxes Petroleum, Inc. Lease & Well No. Herrmann No. 9-4B-2 Formation Hunton 1146 KB Elevation **RR241** --- Ft. Effective Pay Ticket No. 9-16-16 **1**S 3 15E Brown Kansas Date Sec. Twp. Range County State Chad Counts **Ricky Ray** Test Approved By **Diamond Representative** 2,635 ft. to ____ 2,648 ft 1 2,648 ft Formation Test No. Interval Tested from Total Depth 2,630 ft. 6 3/4 in. Packer Depth Size Packer Depth ⁻⁻ft. Size ⁻⁻ in. 6 3/4 _{in.} 2,635 ft. Packer Depth Size --- ft. Packer Depth Size -- in. Depth of Selective Zone Set _ft. Top Recorder Depth (Inside) 2,625 ft 0062 5,000 psi. Recorder Number Cap. 2,636 ft 5,000 _{psi}. 8471 Bottom Recorder Depth (Outside) Recorder Number Cap. Below Straddle Recorder Depth ft. Recorder Number psi. Cap. Drilling Contractor Royal Drilling, Inc. - Rig 1 2 1/4 in. 124 ft I.D. Drill Collar Length Chemical 29 Mud Type Viscosity_ ⁻⁻ft I.D. ⁻⁻ in. Weight Pipe Length 9.2 2,486 ft I.D.___ 13.2 3 1/2 in. Weight Water Loss CC. Drill Pipe Length 1,200 ²⁵ ft Tool Size ³ 1/2-IF in. Chlorides P.P.M. Test Tool Length Sterling Not Run 4 1/2-FH in Jars: Make Serial Number ¹³ft. Size Anchor Length No No 1 _{in.} 5/8 in. Did Well Flow? **Reversed Out** Surface Choke Size Bottom Choke Size 7 7/8 in. 4 1/2-XH in. Main Hole Size Tool Joint Size 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. 6 ft. of mud = .029520 bbls. (Grind out: 100%-mud) Recovered Recovered ft. of ft. of Recovered ft. of Recovered Recovered ft. of ft. of Recovered 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 PeriodMinute	s30	(B)	²⁴ P.S.I.	to (C)2	⁶ P.S.I.
Initial Closed In PeriodMinute	es30	(D)	⁷⁵ P.S.I.		
Final Flow PeriodMinute	es30	(E)	26 P.S.I	to (F)	²³ P.S.I.
Final Closed In PeriodMinute	s30	(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

Company Name Contact
Well Operator
Well Name
Surface Location
Field
Well Type
Pool
Test Purpose (AEUB)
Qualified By
Gauge Name

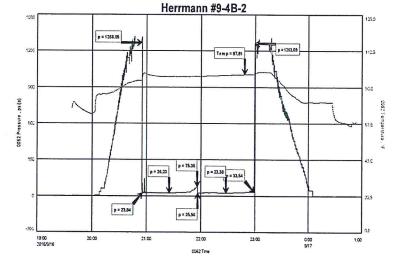
Running Foxes Petroleum, Inc Joe Taglieri Running Foxes Petroleum, Inc Herrmann #9-4B-2 Sec: 3-1S-15E (Brown County) Livingood Vertical Infield Initial Test Chad Counts 0062

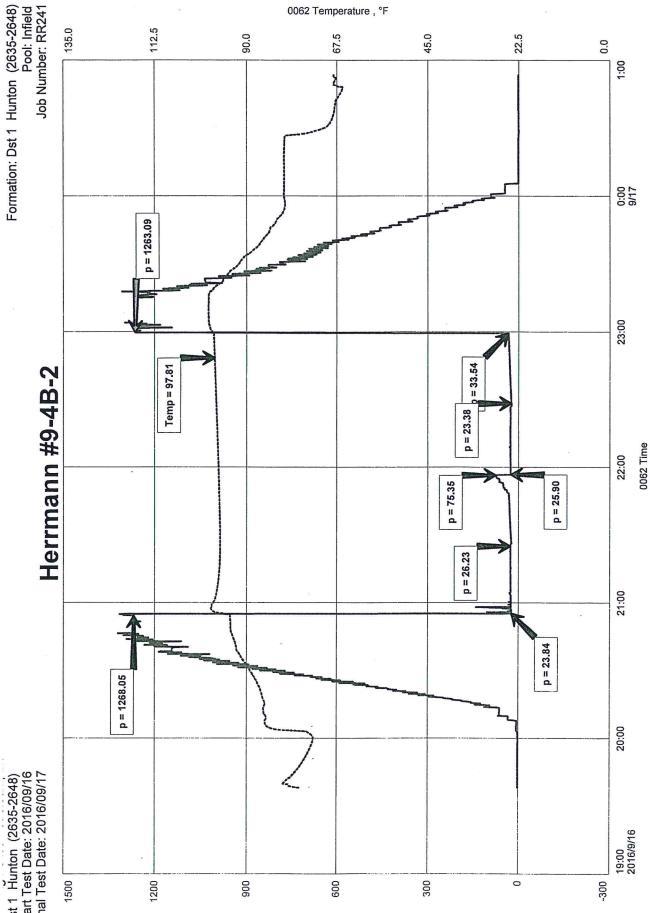
Test Information

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'	м	100% M
Tool Sample:	100% M	

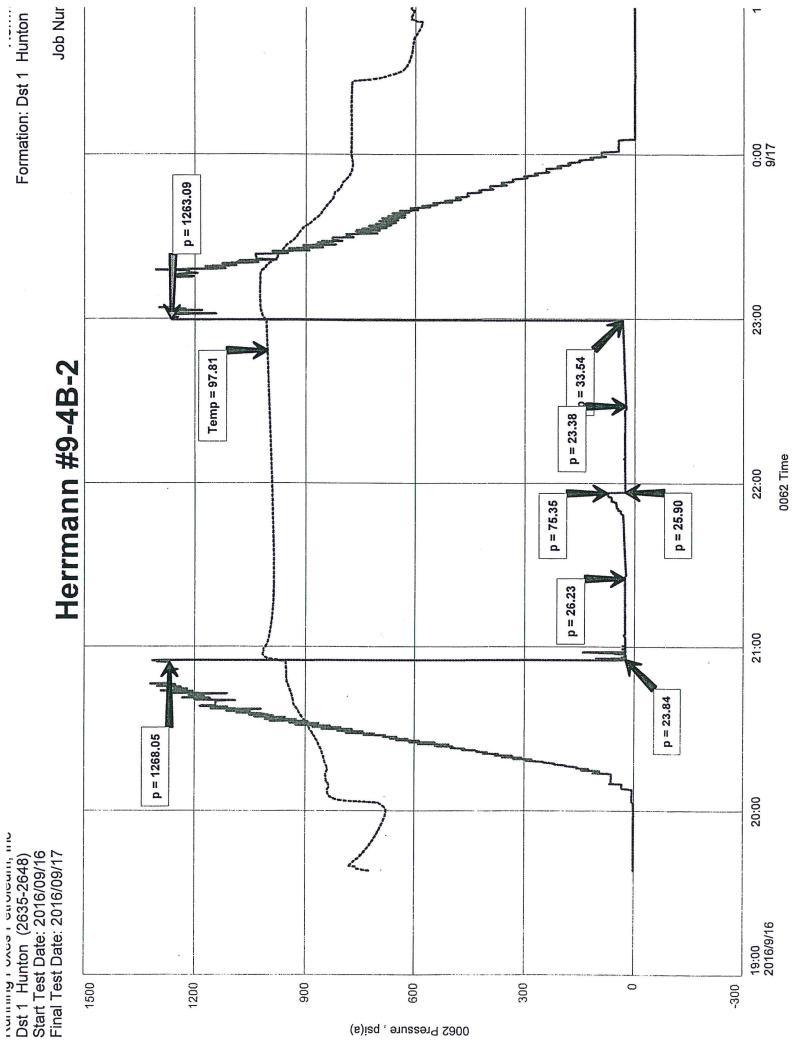




*8

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

0062 Pressure , psi(a)



0062 Pressure , psi(a)