ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

KCC WICHITA

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - 167-23422-0000
Name: L. D. DRILLING, INC.	County: RUSSELL
Address: 7 SW 26 AVE	NE _SE _ NE _ Sec. 21 Twp. 15 S. R. 12 East
City/State/Zip:GREAT BEND, KS 67530	1525 feet from S / (N) (circle one) Line of Section
Purchaser:	100 feet from (E)/ W (circle one) Line of Section
Operator Contact Person: L. D. DAVIS	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 793-3051	(circle one) (ND) SE NW SW
Contractor: Name: ROYAL DRILLING, INC.	Lease Name: APPLEBEE-SCHLESSIGER CATTLE Well #: 1 SWD
License: 33905	Field Name: HALL-GURNEY
Wellsite Geologist: Randy Kilian	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 1783' Kelly Bushing: 1788'
New Well Re-Entry Workover	Total Depth: 3374' Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented atFeet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	
Well Name:	AH 1- Dlg - 2 4/0°
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No.	Dewatering method used
Dual Completion	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
,	Lease Name: License No.:
3/30/07 4/07/07 4/18/07 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worker Information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
Signature: Susan Schewin	KCC Office Use ONLY
Title: CLERK Date: APRIL 26, 2007	Letter of Confidentiality Received
Subscribed and sworn to before me this <u>26</u> day of <u>April</u>	If Denied, Yes Date:
20 07	Wireline Log Received ✓ Geologist Report Received RECEIVED
and all talls	
Notary Public: Rashell Patte	DUIC Distribution APR 2 ? 2007
Date Commission Expires: 2-02-11	Locas to UIC

NOTARY PUBLIC - STATE OF KANSAS

Side Two

Operator Name:L. E	D. DRILLING, INC.		Lease Na	ame: APPLEBEE	-SCHLESSIGER CATTLE	Well #: 1 S	WD				
Sec. 21 Twp. 15		East West	County: _	RUSSELL							
tested, time tool open a	and closed, flowing and very, and flow rates if g	shut-in pressures, as to surface test, a	whether shut- long with fina	in pressure rea	Report all final copies of ached static level, hydros ch extra sheet if more sp	static pressu	res, bottom hole				
Drill Stem Tests Taken (Attach Additional Sh		✓ Yes		Log Fo	ormation (Top), Depth ar	nd Datum	Sample				
Samples Sent to Geolo	gical Survey	✓ Yes		Name		Тор	Datum				
Cores Taken Electric Log Run (Submit Copy)		✓ Yes ✓ No ✓ Yes ☐ No									
List All E. Logs Run:				SEE ATTACH	IFD						
RADIATION G	JARD LOG	CASING	RECORD [✓ New Us	ried						
		Report all strings set-c			production, etc.	·					
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Settii Dep		# Sacks Used	Type and Percer Additives				
SURFACE	12 1/4"	8 5/8"	24#	352	60/40 POZMIX	225	3% CC, 1/4# C				
PRODUCTION	7 7/8"	5 1/2"	14#	3310	60/40 POZMIX	175					
		ADDITIONAL	CEMENTING	/ SQUEEZE RE	CORD						
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Us	ed	Type and Pe	ercent Additives	5				
Shots Per Foot		ECORD - Bridge Plugge of Each Interval Per		Ad	id, Fracture, Shot, Cement		rd Depth				
	Spoony 1 som	30 01 22011 111011 2111 011		1500 ga	1500 gal 15% DWA						
		ederato -									
TUBING RECORD	Size S 2 7/8"	et At	Packer At 3258'	Liner Ru	n Yes 🗹 No						
Date of First, Resumerd F	Production, SWD or Enhr.	Producing Meth	_	Flowing	Pumping Gas Lift	Oth	er (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas	Mcf	Water	Bbls. Ga	as-Oil Ratio	Gravity				
Disposition of Gas	METHOD OF COMP	LETION	1.	Production	on Interval		RECEIVED				
Vented Sold (If vented, Subn	Used on Lease nit ACO-18.)	✓ Open Hole Other (Speci	Perf.	Dually Com	p. Commingled		RECEIVED APR 2 7 200				

KCC WICHITA

Attachment to and Made a Part of ACO1: Applebee-Schlessiger Cattle #1 SWD

Sec 21-15-12. Russell Co., KS

DAILY DRILLING REPORT

OPERATOR:

L.D. DRILLING, INC.

LEASE: Applebee-Schlessiger Cattle #1 SWD

NE SE NE Sec 21-15-12

WELLSITE GEOLOGIST:

Randy Kilian

Russell Co. KS

CONTRACTOR:

Royal Drilling, Co

ELEVATION:

1783' GR:

KB:

1788'

SPUD:

3/30/07 @ 7:30 P.M.

PTD:

3350'

SURFACE:

Ran 8 jts 8 5/8" Surface Casing, Set @ 352' w/ 225 sx 60/40 Pozmix 2% gel

3% CC, Plug Down 7:30 A.M. 3/31/07

3/30/07 Move in, Rig up & Spud

3/31/07 352' Wait on Cement - Drill Plug 4:30 P.M.

4/01/07 1315' Drilling

4/02/07 2250' Drilling

4/03/07 2770' Drilling

4/04/07 2995' Going in Hole After DST #1

4/05/07 3240' DST #2 ob

4/06/07 3260' Drilling to TD & Set Pipe for SWD

4/07/07 3374' RTD

Due to commercial recovery, it was decided to run

csg for a SWD, 5 1/2" csg was set @ 3310'

w/ 175 sx - 60/40 Pozmix, Plug Down 5:00 A.M. 4/07/07

DST #1 2959 - 2995' LKC A-C

TIMES:

30-30-30-30

BLOW: 1st Open: weak sb blt to 1"

2nd Open: sb died 2 min

RECOVERY:

25' mud

IFP:

38-45

ISIP: 734

FFP:

42-46

FSIP: 280

TEMP: 100 degrees

3201 - 3240' Arbuckle DST #2

TIMES:

45-45-60-60

BLOW: 1st Open: weak s b to 1.5"

2nd Open: died

RECOVERY:

35' Mud - Plugged Tool

DST #3 3202 - 3245' Arbuckle

TIMES:

45-30-30-30

BLOW: 1st Open: Strong bob 3 min

2nd Open: Strong bob 8 min

RECOVERY:

1850' Sulfur Water

IFP:

67-511

ISIP: 1086

FFP:

519-707

FSIP: 1087

TEMP: 108 degrees

KCC WICHITA

DAILY DRILLING REPORT

Page 2

OPERATOR:

L.D. DRILLING, INC.

LEASE: Applebee-Schlessiger Cattle #1 SWD

NE SE NE Sec 21-15-12

WELLSITE GEOLOGIST:

Randy Kilian

Russell Co, KS

CONTRACTOR:

Royal Drilling, Co

ELEVATION:

GR: 1783'

KB: 1788'

SPUD:

3/30/07 @ 7:30 P.M.

PTD: 3350'

SAMPLE TO	LOG T	OPS:				
Anhy	Top	680			674	+1114
Anhy	Base	702			700	+1088
Topeka		2571	(-783)	+6 Kilian 1	2567	(-779)
Heebner		2853	(-1065)	+6	2848	(-1060)
Toronto		2872	(-1184)	+3 to 4' high	2866	(-1077)
Douglas		2888	(-1100)	+3 to 4' high	2882	(-1094)
Brown Lime		2941	(-1153)		2936	(-1148)
Lansing		2952	(-1164)	+3 to 4' high	2947	(-1159)
Base Kansas	City	3204	(-1416)	+11' to Kilian 1	3197	(-1409)
Chert Cang		3222	(-1434)		3217	(-1429)
Arbuckle		3236	(-1448)	+1°	3232	(-1444)
Regon Sand					3319	(-1531)
Granite					3367	(-1579)
RTD		3374	(-1586)	LTD	3370	(-1582)

Booker K. D 12 Des JEND - NO MOST - No. 1- N. 185 - 185 - 185 - 18 2001 16027 FIELD ORDER **Subject to Correction** plabor- Se Wheshings 21-15-12 Station **Customer ID** State -31-07 KS ratt Formation of polling the Jar John well Casing Depth **Customer Representative** Received by AFE Number PO Number Station **Product** QUANTITY MATERIALS, EQUIPMENT, and SERVICES USED UNIT PRICE AMOUNT Code 60/40802 2409.25 22541 EUGE Cellflore 216.90 5766 6194 583.00 C310 58266 Wooden Coment Plus 33.90 6163 Heavy Valick Mileage Eloo 700.00 140 m 205 54 Cemantegorice Charge E107 337.50 BUIK Beliver 1 1076.40 EICH 67910 210.60 Elui 70m Prockup mileage Connel Conging Pumpor 0301-500' 1934.00 1069 100 250.00 1276 V 100 Coment Head Nantal 5711.54 Jexat seld sing Comment RECEIVED APR 2 7 2007 KCC WICHITA 10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383 **TOTAL**

As consideration, the Customer agrees:

- a) To pay JET STAR ENERGY SERVICE, INC. in accordance with the rates and terms stated in JET STAR ENERGY SERVICE, INC.'s current price list. Invoices are payable NET 30 after date of invoice. Upon Customer's default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ atterneys to enforce collection of said account, Customer agrees to pay all collection cost and atterney fees in the amount of the unpaid account.
- b) To defend indemnify, release and hold harmless JET STAR ENERGY SERVICE, INC., its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees and costs of defense to the extent permitted by law for:
 - Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or carnage, subsurface trespass or any action in the nature thoroof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or woll), or any damages whatscever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, lesing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at JET STAR ENERGY SERVICE, INC., Dept.
 No. 1131, Tulsa, Oklahoma 74182. All terms of the Service order with customer are incorporated herein and made a part

No. 1131, Tuisa, Oklahoma 74152. All terms of the Service order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by JET STAR ENERGY SERVICE, INC. negligence, strict liability, or operated, or furnished by JET STAR ENERGY SERVICE, INC. or any defect in the data, products, supplies, materials, or equipment of JET STAR ENERGY SERVICE, INC. whether the preparation, design, manufacture, distribution, or marketing thereof, or from a faiture to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful miscenduct of JET STAR ENERGY SERVICE, INC. The term "JET STAR ENERGY SERVICE, INC." as used in said Section b) and c) shall mean JET STAR ENERGY SERVICE, INC., its divisions, subsidiarios, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of thorm.

- e) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, JET STAR ENERGY SERVICE, INC. is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by JET STAR ENERGY SERVICE, INC. JET STAR ENERGY SERVICE, INC. personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that JET STAR ENERGY SERVICE, INC. shall not be liable for and Customer shall indomnify JET STAR ENERGY SERVICE, INC. against any damages from the use of such information.
- d) That JET STAR ENERGY SERVICE, INC. warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. JET STAR ENERGY SERVICE, INC.'s liability and Customer's exclusive remody in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to JET STAR ENERGY SERVICE, INC. or, at JET STAR ENERGY SERVICE, INC.'s option, to the allowance to the Customer of credit for the cost of such items. In no event shall JET STAR ENERGY SERVICE, INC. be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumor Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That JET STAR ENERGY SERVICE, INC. shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of JET STAR ENERGY SERVICE, INC.



TREATMENT REPORT

Customer (. D. DR	D. DRILLING Lease No.								Date	~m							
Lease AppleMEE	- CALLIE	Cialled	2	Well # /							3-30-07							
Field Order #	Station	DRATT	***	V		Casing 5	3	Depth		Count	RUSS	ell		State	<u>/</u> 5.			
Type Job &	5/8 S.P.	, CC	SPW	Now	لدعوا	11.	For	mation				Legal De	escription 21-15-	12				
PIPE		NG DATA FLUID US						TREATMENT RESUME										
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Max Press	Max Press	From	To)	Frac		Avg			15 Min.			n					
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BONEN-NTOC.L. - 1/4W-4N-1E-15-WINTO FIELD ORDER 15800 **Subject to Correction** County Customer ID Station Dopth Shoe Joint Customer Representative PO Number AFE Number Drz Station Product Code QUANTITY MATERIALS, EQUIPMENT, and SERVICES USED AMQUNT UNIT PRICE Code 606.50 390.00 ZSONITE 700.00 216,00 PURE ATRICE 250,00 KCC WICHITA

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

TOTAL 9669.78



TREATMENT REPORT

				INC													
Customer), DRZ	ZZZ	15	1	одзо No						Date	,		_			
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Customer Re	presentativo			·	Station	Mana	agor SCI	114			Trea	ter (201	escry			
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Taylor Printing, Inc. 620-672-3650