

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC
#19 2005
Aug.

CONFIDENTIAL

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ORIGINAL

Operator: License # 31652
Name: NORSTAR PETROLEUM, INC.
Address: 6855 South Havana Street, Suite 250
City/State/Zip: Centennial, CO 80112
Purchaser: _____
Operator Contact Person: Per Burchardt
Phone: (303) 925-0696
Contractor: Name: Discovery Drilling Co., Inc.
License: 31548
Wellsite Geologist: Randall Kilian
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
4/22/05 4/26/05 4/27/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23,281-00-00
County: Russell
20' N of _____
W/2 - W/2 SW Sec. 27 Twp. 15 S. R. 12W East West
1340 feet from (S) (circle one) Line of Section
330 feet from (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Pfister-Kaufman Unit Well #: 1-27
Field Name: Hall-Gurney
Producing Formation: Arbuckle LKC G,H,I
Elevation: Ground: 1768 Kelly Bushing: 1776
Total Depth: 3215 Plug Back Total Depth: 3150 (CIBP)
Amount of Surface Pipe Set and Cemented at 237.96 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 695 Feet
If Alternate II completion, cement circulated from 695
feet depth to surface w/ 100 sx cmt.
(10sks In Mouse Hole) (15sks In Rat Hole)
Drilling Fluid Management Plan ACT II WAM
(Data must be collected from the Reserve Pit) 4-23-07
Chloride content 13,000 ppm Fluid volume 300 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

RECEIVED
AUG 22 2005
KCC WICHITA

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: PRESIDENT Date: 8/19/2005
Subscribed and sworn to before me this 19th day of AUGUST,
2005
Notary Public: Clark D. Parrott
Date Commission Expires: 4-5-07

CLARK D. PARROTT
NOTARY PUBLIC
STATE OF COLORADO

KCC Office Use ONLY
YES Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

✓

X

Operator Name: NORSTAR PETROLEUM, INC. Lease Name: PFISTER-KAUFMAN UNIT Well #: 1-27
 Sec. 27 Twp. 15 S. R. 12W East West County: Russell

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:
DIL/CNL/CDL/MEL

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name	Top Datum
	Anhydrite	685 +1091
	Heebner Shale	2842 -1066
	Brown Lime	2930 -1154
	Lansing	2940 -1164
	B/KC	3194 -1418
	Arbuckle	3204 -1428

CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	23	237.96	Common	155	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3208	EA/2	150	
Port Collar @ 695'							

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
Open hole	Arb 3208-3214 (deepend to 3216)	500 gal 15% MCA CIBP @ 3150'	
4	LKC "J" 3114-3116		
4	LKC "I" 3097-3102	400 gal 15% MCA	
4	LKC "H" 3073-3083	700 gal 15% MCA	
4	LKC "G" 3039-3043	400 gal 15% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8"	SN @ 3129		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
7/9/2005	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	16		80		42

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-1B.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

ALLIED CEMENTING CO., INC.

17278

CONFIDENTIAL

TO P.O. BOX 31
RUSSELL, KANSAS 67665

so KCC
Aug 19 2005
CONFIDENTIAL

SERVICE POINT:

Great Bend

DATE <u>4.23.05</u>	SEC. <u>27</u>	TWP. <u>15</u>	RANGE <u>12</u>	CALLED OUT <u>8:15 PM</u>	ON LOCATION <u>10:15 PM</u>	JOB START <u>10:45 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>Pfister Kaufman</u>	WELL # <u>1-27</u>	LOCATION <u>Beaver 4N to C.L. 1/2 E, 2N</u>			COUNTY <u>Russell</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Discovery
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 238'
 CASING SIZE 8 5/8 23" DEPTH 237'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 14.1

OWNER Norstar
 CEMENT
 AMOUNT ORDERED 155 AX Common
2% gel 3% CC

COMMON	<u>155 AX</u>	@	<u>8.70</u>	<u>1,348.50</u>
POZMIX		@		
GEL	<u>3% gel</u>	@	<u>14.00</u>	<u>42.00</u>
CHLORIDE	<u>SA 60</u>	@	<u>38.00</u>	<u>190.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>163 AX</u>	@	<u>1.60</u>	<u>260.80</u>
MILEAGE	<u>163 AX 06</u>	@	<u>22</u>	<u>215.16</u>
TOTAL				<u>2056.46</u>

EQUIPMENT

UB
 PUMP TRUCK CEMENTER [Signature]
 # 120 HELPER " Rick
 BULK TRUCK
 # 344 DRIVER Steve
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Ran 5 Joints new 8 5/8 casing to bottom, circ with rig mud, hook up to pump truck & mixed 155 AX Common 3% CC 2% gel, shut down change valves over, release 8 5/8 TWP & displace down casing with 14.1 BBLS fresh 4.2. Cement did circulate & shut in at manifold.

CHARGE TO: Norstar Petroleum Inc
 STREET 5 Inverness Drive East Suite 120
 CITY Englewood STATE CO ZIP 80112

SERVICE

DEPTH OF JOB	<u>237'</u>		
PUMP TRUCK CHARGE			<u>670.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>22</u>	@	<u>5.00</u>
		@	
		@	
		@	
TOTAL			<u>\$ 780.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD		@	
<u>1" 8 5/8 TWP</u>		@	<u>5.00</u>
		@	
		@	
		@	
TOTAL			<u>55.00</u>

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE

Thomas AC

Thomas AC

PRINTED NAME

Thank you!

CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC.

17278

TO P.O. BOX 31
RUSSELL, KANSAS 67665

KCC

Aug 19 2005

SERVICE POINT:

Great Bend

DATE <u>4-23-05</u>	SEC. <u>27</u>	TWP. <u>15</u>	RANGE <u>12</u>	ON LOCATION <u>8:15 PM</u>	ON LOCATION <u>10:15 PM</u>	JOB START <u>10:45 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>Pfister Kaufman</u>	WELL # <u>1-27</u>	LOCATION <u>Beaver 4N to C.L. 1/2 E, 2N</u>		COUNTY <u>Russell</u>	STATE <u>Ka</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Discovery
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 238'
 CASING SIZE 8 5/8 23# DEPTH 237'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 14.1

OWNER Norstar
 CEMENT
 AMOUNT ORDERED 155 AX Common
2% gel 3% CC

COMMON <u>155 AX</u>	@ <u>8.70</u>	<u>1,348.50</u>
POZMIX _____	@ _____	_____
GEL <u>3% gel</u>	@ <u>14.00</u>	<u>42.00</u>
CHLORIDE <u>SA 2%</u>	@ <u>38.00</u>	<u>190.00</u>
ASC _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>163 AX</u>	@ <u>1.60</u>	<u>260.80</u>
MILEAGE <u>163 AX 06</u>	<u>22</u>	<u>215.16</u>
TOTAL		<u>2056.46</u>

EQUIPMENT

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 PUMP TRUCK CEMENTER _____
 # 120 HELPER " Rick
 BULK TRUCK
 # 344 DRIVER Steve
 BULK TRUCK
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CHARGE TO: Norstar Petroleum Inc
 STREET 5 Swinness Drive East Suite 120
 CITY Englewood STATE CO ZIP 80112

SERVICE

DEPTH OF JOB <u>237'</u>		
PUMP TRUCK CHARGE _____		<u>670.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>22</u>	@ <u>5.00</u>	<u>110.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL		<u>780.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD _____	@ _____	_____
<u>1. 8 5/8 TWP</u>	@ <u>5.00</u>	<u>5.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL		<u>55.00</u>

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Thomas AC

Thomas AC
 PRINTED NAME

Thank you!



CHARGE TO:	Norstar Petroleum
ADDRESS:	
CITY, STATE, ZIP CODE:	

TICKET
No 7971

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. Ness City, Ks	1-27	Pfister-Kaufman	Russell	Ks	Ness City, Ks	4-27-05	Same
2.	TICKET TYPE	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	<input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	Discovera Dril Co			S/E of Bunker Hill		
4.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
REFERRAL LOCATION	oil	Development	New well - Long string				
	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE 104	60	mi			3.00	180.00
578		1			Pump Charge	1	ea			1250.00	1250.00
281		1			Mud fluid	500	gal			.65	325.00
221		1			Liquid KCL	2	gal			19.00	38.00
405		1			Formation Packer shoe	1	ea			1350.00	1350.00
404		1			Port collar	1	ea			1600.00	1600.00
406		1			Latch down plug & baffle	1	ea			200.00	200.00
402		1			Centralizers	8	ea			55.00	440.00
403		1			Cement Baskets	2	ea			140.00	280.00
From Continuation Page (2) →											2309.79

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *[Signature]*

DATE SIGNED: 4-27-05
TIME SIGNED: 12:00 Noon
A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	7966.79
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *[Signature]* APPROVAL: _____

Thank You!

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 KCC
 AUG 22 2005
 KCC WICHITA



PO Box 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 7971

CUSTOMER: Vorstar Petroleum WELL: Hister - Karlman DATE: 9-27-05 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOG	ACCT	DF			QTY.	U/M		
325		1				Standard Cement	150	sts	7.50	1125.00
284						52% Cal seal	7	sts	28.00	196.00
283						102- Salt	750	lbs	1.70	127.50
285						3/2 CFR-1	71	lbs	3.10	220.10
276						1/4# Floccle	38	lbs	1.00	38.00
581						SERVICE CHARGE			1.10	181.50
583						MILEAGE CHARGE			90	422.79

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KCOG
 19 2015

ORIGINAL

CONTINUATION TOTAL 2303.79

JOB LOG

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SWIFT Services, Inc.

ORIGINAL

DATE 7-27-05 PAGE 2

CUSTOMER Norstar Pet.

WELL NO. 7-27

LEASE Frister-Kaufman

JOB TYPE Long string

TICKET NO. none

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:50							On location
	12:10							Run Float equipment & Figure tally TD of 3214 ft
								Total CSG of 3278.14 - 77 Jts Leave 2 jts out 3192.62
								Run 1 short jt. - Discovery Dchg 3192.62 + 13.07 + 5 ft Port collar & Packer 320.69 + 2 ft Landing jt = 3214 ^{5 ft}
								3 ft ... up on 13 ft JT. Puts us at 3208 ft.
								Set Packer shoe at 3208 ft
								Port Collar on top of 59 ft 3208 - 2509 - 4 = 695 ft
								Port collar at 695 ft
								Centralizer & basket at 737 ft
								Centralizers ran on 1 st 2 nd , 3 rd , 4 th , 6 th , 8 th , 10 th , 58 th
								Collars.
								Cement Baskets at 2 & 59 ft 3170 & 730 ft
								Cmt Pipe w/ 130 sks EA-2 Blend standard
								Plug rat hole & mouse hole w/ 20 sks EA-2 Blend
								Pre-Flush Cmt Job with 500 gal Mud flush & 20 bbl KCL flush
	16:40							Set Packer shoe at 1500 FT @ 320
	16:45							Plug down at 16120
	17:00							Set slips in head Job completed
								Thank you LBJ fuels

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19 2005
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