



Operator Name: Southwind Exploration, LLC

Lease Name: Stafford

Well #: 2A

Sec. 24 Twp. 30 S. R. 17  East  West

County: Neosho

**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)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

See attached logs

List All E. Logs Run:  
 Drillers  
 Gamma Ray/Neutron  
 Differential Temperature  
 Density-Neutron  
 Dual Injection

**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 1/4"	8 5/8"	32#	20' 10"	Portland	4	
Production	6 3/4"	4 1/2"	9.5#	1080'	50/50 poz mix	146	2% gel 5% salt

**ADDITIONAL CEMENTING / SQUEEZE RECORD**

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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
6	582-589	93 MSCF Nitrogen	
6	602-607	190sks 20 x 40 sand	582-607

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr. 7/20/04		Producing Method <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. x 0	Gas Mcf x 50	Water Bbls. x 40	Gas-Oil Ratio	Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Sumit ACO-18.)  Other (Specify)

# Well Refined Drilling Company, Inc.

4270 Gray Road - Thayer, KS 66776

Contractor License # 33072

620-763-2619/1 Home: 620-432-6270/Jeff's Pocket; 620-432-6270 Cell: 620-763-2065/FAX

HAVE RIG  
WELL DIG

Rig #:	1
API #:	15-133-26013-00-00
Operator:	Southwind Exploration, LLC
Address:	PO Box 34
	Piqua, KS 66751

S 24	T 30S	R 17E
Location: SE, SW,SE		
County: Neosho, Kansas		

				Gas Tests			
Well #:	2-A	Lease Name:		Depth	Oz.	Orifice	flow - MCF
Location:	400	ft. from (N / S)	Line	505	5"	3/4"	31.6
	1660	ft. from (E / W)	Line	585	2"	3/4"	20
Spud Date:	4/4/2004			605	3"	3/4"	24.5
Date Completed:	4/5/2004		TD: 1085	725	Gas Check Same		
Geologist:				945	Gas Check Same		
Casing Record	Surface	Production		1025	Gas Check Same		
Hole Size	12 1/4"	6 3/4"		1045	Gas Check Same		
Casing Size	8 5/8"			1085	Gas Check Same		
Weight							
Setting Depth	20' 10"						
Cement Type	Portland						
Sacks	4						
Feet of Casing							
Rig Time	Work Performed						

## Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	Overburden	257	283	shale	505	508	shale
2	4	clay	283	285	black shale	508	509	coal
4	14	lime	285	327	shale	509	553	shale
8		water	327	350	lime	553	579	Oswego Lime
14	34	shale	350	368	shale	579	581	shale
34	77	sand	368	370	black shale	581	584	black shale
77	85	shale	370	374	shale	584	587	shale
85	116	sand	374	418	sand	587	600	lime
116	147	lime	395		wet	600	604	black shale
147	149	black shale	418	474	shale	604	605	coal
149	226	lime	474	475	coal	605	646	lime
226	229	shale	475	477	shale	646	647	coal
229	231	lime	477	497	Pink Lime	647	665	shale
231	247	shale	497	499	shale	665	667	lime
247	250	black shale	499	501	lime	667	670	black shale
250	256	shale	501	502	shale	670	671	coal
256	257	coal	502	505	black shale	671	707	shale

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**CONSOLIDATED**  
**OIL WELL SERVICES**  
 AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER **24326**

LOCATION CHANUTE

**FIELD TICKET**

DATE 4-5-04	CUSTOMER ACCT # 7550	WELL NAME STAFFORD LLC #2-A	QTR/QTR	SECTION 24	TWP 30	RGE 17	COUNTY NO	FORMATION
CHARGE TO <u>SOUTHWIND EXP. LLC (SAVAGE)</u>				OWNER				
MAILING ADDRESS <u>P.O. BOX 34</u>				OPERATOR				
CITY & STATE <u>PIQUA, KANSAS 66761</u>				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1-WELL	PUMP CHARGE CEMENT PUMP		325.00
1110	14 SKS	GILSONITE		271.00
1111	350 #	GRANULATED SALT		87.50
1118	5 SKS	PREMIUM GEL - BENTONITE (2 AHEAD)		27.50
1107	1 1/2 SK	CELLOFLAKE - FLO-SEAL		56.00
4404	1	4 1/2 RUBBER PLUG		27.00
1125	4620 GAL	CITY WATER (110 EWL)		51.75
5467	19 mi	BLENDING & HANDLING TON-MILES <u>MINIMUM</u> STAND BY TIME MILEAGE		100.00
5501	5 HR	WATER TRANSPORTS		400.00
5502	5 HR	VACUUM TRUCKS FRAC SAND		375.00
1124	150 SKS	CEMENT 50/50 P&Z MIX (146 SKS TOTAL) <u>(50/50; 2% GILSONITE; 5% SALT; 1/4" FLO-SEAL)</u>		852.00
		SALES TAX		88.74
ESTIMATED TOTAL				3990.65

Ravin 2790

CUSTOMER or AGENTS SIGNATURE \_\_\_\_\_ **RECEIVED** \_\_\_\_\_ CIS FOREMAN TODD A. TINDLE

**JUL 28 2004**

CUSTOMER or AGENT (PLEASE PRINT) KCC WICHITA \_\_\_\_\_ DATE \_\_\_\_\_

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