

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 32187  
Name: Southwind Exploration LLC  
Address 5th & Junction  
P.O. Box 34  
City/State/Zip Piqua, KS 66761

Purchaser: N/A

Operator Contact Person: F.L. Ballard  
Phone (316) 468-2885

Contractor: Name: Way Drilling Company  
License: 6674

Wellsite Geologist: none

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SUD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, USW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SUD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SUD or Inj?)  Docket No. \_\_\_\_\_

5/30/00 6/2/00 6/2/00  
Spud Date Date Reached TD Completion Date

API NO. 15- 205-23150000

County Wilson

SE -NW - NE - SW Sec. 25 Twp. 27 Rge. 16 <sup>X</sup> <sub>E</sub> <sub>W</sub>

2145 Feet from S/N (circle one) Line of Section

3465 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Carlson Well # 00-18

Field Name Buffalo/Vilas

Producing Formation Squirrel

Elevation: Ground 1050 KB \_\_\_\_\_

Total Depth 925' PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 20' 10" Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 928'

feet depth to Surface w/ 125 <sub>SK</sub> <sub>CMT.</sub>

Drilling Fluid Management Plan Alt #2 KGR 7/10/07  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
RECEIVED  
SEP 11 2000  
Wichita, Kansas

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 on 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 F.L. Ballard

Title Agent Date \_\_\_\_\_

Subscribed and sworn to before me this 7th day of September, 19 00

Notary Public Annelle Rose

Date Commission Expires 6/2/2001

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SUD/Rep  NCPA  
 KGS  Plug  Other  
(Specify)

Operator Name Southwind Exploration LLC Lease Name Carlson Well # 00-18

Sec. 25 Twp. 27 Rge. 16  East  West  
 County Wilson

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See attached logs	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E.Logs Run:			

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	# Sacks Used	Type and Percent Additives
Surface	9 3/4"	7"	32#	20' 10"	class A	5	none
<del>Other</del>	<del>5 7/8"</del>	<del>2 7/8"</del>	<del>6.5#</del>	<del>928'</del>	<del>class A</del>	<del>125</del>	

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
20	862.0 - 872.0	200# 20 x 40 sand	
		1000# 12 x 20 sand	
		60bb1 15% HCL	862 - 872

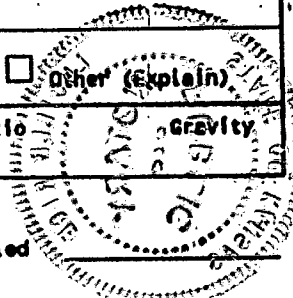
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 8/24/2000 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	N/A	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval



Carlson 00-18  
Wilson County

Lance

ORIGINAL

WELL RECORD

API# 15-205-233150000

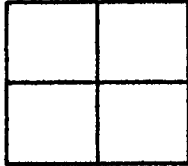
Well No. 00-18 Farm CARLSON Producer SOUTHWIND EXPL.LLCBOX34PIQUA,KS

Location 2165NSL3465WEL-SE/NW/NE/SW Sec. 25 Twp. 27S Rg. 16E

Elevation ? State KANSAS

Kind(Oil, Gas, Water, Dry Hole) Injector Contractor Way DRILLING CO 2520CA.RD.HHUMBOLDT,KS 66748

SIZE HOLE DRILLED:

LOG						Total Depth	925 FT.
Thick-ness	Strata	Depth	Thick-ness	Strata	Depth	Open Hole	NONE
3	SOIL & BOULDERS	3	4	SHALE GY.TC.TOP	759	Surface (1)	7" at 20'10"
44	LIME	47	20	LIME BN.GY.VLOO	779	Casing (1)	2 7/8" at 925.85FT.
100	SHALE GRAY	147	1	SLATE	780	Seating Nipple	860 FT.
21	LIME BROWN	168	3	LIME	783	SACKS CEMENT FOR SURFACE 5	
108	SHALE GY	274	30	SHALE DK.GY.	813	Well Location	
12	LIME	286	18	LIME (20)	831	Additional Information	
18	SHALE GY.	304	4	SHALE DARK	835	DRILLERS	
3	LIME	307	6	LIME (5)	841	D.Yocom, D.Weiner,F.Weiner	
15	SHALE GY.SDY.	322	6	SHALE	847	Well was diled as a Injection well	
6	LIME	328	3	LIME	850	Was not cored.	
21	SHALE	349	8	SHALE	858		
9	SAND W/SHALE	358	1	LIME BRN.	859		
47	LIME BROWN	405	3	SHALEW/LM.	862		
2	SLATE	407	1	SAND BN.GOOD	*****		
23	LIME	430	*****	NO BLEED	863		
3	SLATE	433	1	SAND BR.ODOR	*****		
6	LIME	439	*****	NO BLEED	864		
25	SAND	464	1	SAND TRACE BLD.	865		
21	LIME	485	1	SAND LITE BLD.	866		
4	SHALE HARD BLK.	489	1	SAND TRACE BLD.	867		
39	LIME BRN.GY.	528	4	SAND TRACE BLD.	871		
7	SHALE DK.	535	3	SAND BLK. VLO	*****		
2	LIME	537	*****	NO BLEED	874		
79	SHALE DARK	618	51	SHALE GY SDY.	925		
3	LIME BRN.	619					
11	SAND W/LM.	630					
6	LIME	636					
8	SHALE GY.SDY.	644					
12	LIME	656					
12	SHALE	668					
10	SAND	678					
27	SHALE GY.	705					
10	SAND	715					
38	SHALE GY.SDY.	753					
2	LIME	755					

Date Started 5-30-2000

Date Completed 6-2-2000

**BLUE STAR  
ACID SERVICE, INC.**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**ORIGINAL**  
No. **2227**

Date <b>6-2-00</b>	Customer Order No.	Sect. <b>25</b>	Twp. <b>27</b>	Range <b>16E</b>	Truck Called Out -	On Location <b>12:00p.m.</b>	Job Began <b>2:30p.m.</b>	Job Completed <b>3:30p.m.</b>
Owner <b>Southwind Exploration, LLC</b>		Contractor <b>Way Drilling Co.</b>			Charge To <b>Southwind Exploration, LLC</b>			
Mailing Address <b>P.O. Box 34</b>		City <b>Piqua</b>			State <b>Kansas 66761</b>			
Well No. & Form <b>Carlson # 00-18</b>		Place <b>Wilson</b>			State <b>Kansas</b>			
Depth of Well <b>928'</b>	Depth of Job <b>928'</b>	Casing (New) _____ (Used) _____	Size _____ Weight _____	Size of Hole Amt. and Kind of Cement <b>3 1/4"</b>		Cement Left in casing by		Request (Necessity) <b>0</b> feet
Kind of Job <b>Longstring</b>				Drillpipe _____ Tubing <b>2 7/8"</b>	(Rotary Cable)		Truck No. <b>Unit # 2</b>	

Remarks **Rig up to Tubing, break circulation w/ Fresh water. Mix Gel Flush, followed by 5 bbl. fresh water spacer. Mix 125 sks. Reg. cement w/ chemicals, shut down washout pump & Release Plug - Displace Plug with 5 1/2 bbls. Fresh water. Final pumping at 400 P.S.I. Bumped Plug to 900 P.S.I. check float - float held - close tubing in cementing procedure completed with good cement returns. M.I.T. well with 450 P.S.I. for 30 min.**

Price Reference No. \_\_\_\_\_  
Price of Job **475.00**  
Second Stage \_\_\_\_\_  
Mileage **42.00**  
Other Charges \_\_\_\_\_  
Total Charges **517.00**

Cementer **Bradley Butler** note: **Run wireline Before & After cement Job at 928'**  
Helper **Steve - Mike** District **Eureka** State **Kansas**

The above job was done under supervision of the owner, operator, or his agent whose signature appears below

**"Thank you"** *X Called by house* Agent of contractor or operator

**Sales Ticket for Materials Only**

Quantity Sacks	BRAND AND TYPE		PRICE	TOTAL
125	SKS.	Regular cement	6.05	756.25
250	lbs.	Gel 2%	8.60	21.50
300	lbs.	SALT 5% water weight	5.00	15.00
150	lbs.	Gel (condition hole)	8.60	12.90
1	2 7/8"	Top Rubber Plug	12.00	12.00
Plugs				
			125 SKS. Handling & Dumping	.50
			5.5 Tons Mileage	.70
			Sub Total	1474.15
			Discount	
			Sales Tax	86.97
Delivered by Truck No. <b>Unit # 4</b>				
Delivered from <b>Eureka</b>				
Signature of operator <b>Brad Butler</b>			Total	1561.12
				1483.06
				178.06