

FORM MUST BE TYPED

SIDE ONE

5

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

API NO. 15- 205-28311-0000

County Wilson

SE - SE - NW - SW Sec. 25 Twp. 27 Rge. 16 X E W

Operator: License # 32187

1815 Feet from (S/N) (circle one) Line of Section

Name: Southwind Exploration LLC

4125 Feet from (E/W) (circle one) Line of Section

Address 5th & Junction

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

P. O. Box 34

City/State/Zip Piqua, KS 66761

Lease Name Carlson Well # 00-14

Purchaser: N/A

Field Name Buffalo-Vilas

Operator Contact Person: F.L. Ballard

Producing Formation Squirrel

Phone ( 316 ) 468-2885

Elevation: Ground 1045 KB

Contractor: Name: Way Drilling Company

Total Depth 931' PSTD

Licenses: 6674

Amount of Surface Pipe Set and Cemented at 20' 8" Feet

Wellsite Geologist: none

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion  
X New Well      Re-Entry      Workover

If yes, show depth set      Feet

     Oil      SUD      SIGW      Temp. Abd.

If Alternate II completion, cement circulated from 931'

     Gas X ENHR      SIGM

feet depth to surface w/ 125 sk cart.

     Dry      Other (Core, MSW, Expl., Cathodic, etc)

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

If Workover/Reentry: Old Well Info as follows:

Chloride content      ppm Fluid volume      bbls

Operator:     

Dewatering method used     

Well Name:     

Location of fluid disposal if hauled offsite:     

Comp. Date      Old Total Depth     

Operator Name     

     Deepening      Re-perf.      Conv. to Inj/SUD

Lease Name      License No.     

     Plug Back      PSTD

     Quarter Sec.      Twp.      Rge.      E/W

     Commingled      Docket No.     

County      Docket No.     

     Dual Completion      Docket No.     

     Other (SUD or Inj?)      Docket No.     

6/12/00 6/15/00 6/15/00

Spud Date      Date Reached TD      Completion Date     

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

Notary Public Lucille Rice

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		
<u>    </u>	KCC	<u>    </u> SUD/Rep
<u>    </u>	KGS	<u>    </u> Plug
<u>    </u>		<u>    </u> NGPA
<u>    </u>		<u>    </u> Other
<u>    </u>		(Specify)

Operator Name Southwind Exploration LLC Lease Name Carlson Well # 00-14  
 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: Drillers Gamma Ray Neutron			

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' 8"	A	5	
Other	5 3/4"	2 7/8"	6.5#	931'	A	125	2% gel

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				

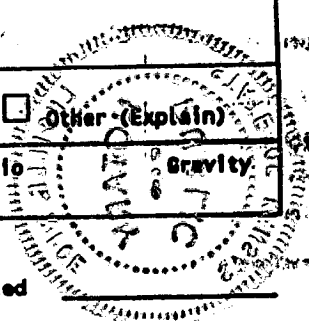
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
15	872-879	200# 20 x 40 sand	
		1000# 12 x 20 sand	
		60bb1 15% HCL	872-879

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. 8-24-00 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 00-14  
Wilson county, KS

Lance  
WELL RECORD

Southwind Expl  
ORIGINAL

API# 15-205-23311-0000  
Well No. 00-14 Farm CARLSON Produce SOUTHWIND EXPL.LLC.BOX34PIQUA,KS.66761  
Location 1815NSL-4125WEL-SE/SE/NW/SW Sec. 25 Twp. 27S Rg. 16E  
Elevation State KANSAS County - Wilson  
Kind(Oil, Gas, Water, Dry Hole) Contractor WaY Drilling Co.2520Ca.Rd.Humboldt,Ks.66748  
SIZE HOLE DRILLED: 5 7/8"

LOG						Total Depth	931 ft.								
Thick- ness	Strata	Depth	Thick- ness	Strata	Depth	Open Hole	none								
4	SOIL & CLAY	4	2	LIME BRN.	759	Surface (1)	7" at 20'8"								
37	LIME	41	4	SHALE GY.T.C.T.	763	Casing (1)	2 7/8" at 931.45'								
107	SHALE GRAY	148	20	LIME BROWN	783	Seating Nipple	868.45								
13	LIME BRN.	161	1	SLATE BLACK	784	SACKS CEMENT FOR SURFACE	5								
97	SHALE GRAY	258	2	LIME	786	Well	<table border="1"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>								
14	LIME GY. BRN.	271	30	SHALE DARK	816	Location									
37	SHALE GY.SDY.	308	17	LIME (20')	833										
15	SAND W/SHALE	323	7	SHALE DARK	840	Additional Information									
11	LIME BRN.GY.	334	6	LIME (5')	846	DRILLERS									
18	SHALE GY.SDY.	352	6	SHALE	852	D.Yocom,D.Weiner.F.Weiner									
6	SAND	358	1	LIME	853										
77	LIME BRN.	435	9	SHALE DARK	862	Well was drilled for an injector									
6	SHALE W/SAND	641	5	LIME	867										
2	LIME	643	3	SAND W/L.M.L.O.O.	870	Good bleeding well.									
21	SAND	464	3	SAND GOOD BLD.	873										
21	LIME	485	1	SAND ODOR V.L.B.	874										
5	SHALE DK.G.O.	490	1	SAND TRACE BLD.O.D.	875										
38	LIME GRAY	528	5	SAND BLK.ODOR	880										
8	SHALE DARK	536	43	SHALE DARK,GRAY	923										
2	LIME	538	2	LIME (2')	925										
79	SHALE DK.G.O.	617	6	SHALE GRAY	931										
6	LIME	622													
6	SAND	628													
5	SHALE GRAY	633													
2	LIME	635													
11	SAND	646													
15	LIME	661													
4	SHALE GRAY	665													
32	SAND	697													
2	SLATE T.C.T.	699													
9	SHALE GRAY	708													
13	SAND	721													
7	SHALE GY.SDY.	728													
7	SAND	735													
22	SHALE GY.SDY.	757													

Date Started 6-12-2000 Date Completed 6-15-2000

**BLUE STAR  
ACID SERVICE, INC.**

PO Box 103  
Eureka, Kansas 67045

Cementing Ticket  
and Invoice Number

**ORIGINAL**  
No. **2240**

Date 6-15-00	Customer Order No.	Sect. 25	Twp. 27	Range 16E	Truck Called Out -	On Location 11:30 Am.	Job Began 12:00 p.m.	Job Completed 1:15 p.m.
Owner Southwind Exploration, LLC		Contractor Way Drilling			Charge To Southwind Exploration, LLC			
Mailing Address P.O. Box 34		City Piqua			State Kansas 66761			
Well No. & Form Carlson # 00-14		Place Wilson			State Kansas			
Depth of Well 935'	Depth of Job 931'	Casing (New) (Used)	Size Weight	Size of Hole Amt. and Kind of Cement 5 7/8" 125 SKS	Cement Left in casing by	Request (Necessity) 0' feet		
Kind of Job Longstring					Drillpipe Tubing 2 7/8"	(Rotary) (Cable)	Truck No. Unit #2	

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

Remarks Big up to Tubing, break circulation with fresh water.  
Mix Gel Flush, followed by 5 Bbls fresh water spacer.  
Mix 125 SKS Reg. cement w/ chemicals, shut down washout Pumped Lines.  
Release Plug, Displace Plug with 5 1/2 Bbls water.  
Final pumping @ 500 PSI - Bumped Plug to 1000 PSI.  
check float - float held  
Cementing procedure completed with good cement returns.  
MIT well with 500 PSI for 30 minutes  
Job complete - close tubing in

Cementor Bradley Butler      note: Rev wireline Before & After Job  
 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  
 \_\_\_\_\_ x Called by Lancer  
 Agent of contractor or operator

"Thank you"

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 SAST 5% w/v 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	1.50	62.50
	5.5 Tens Mileage 20	.70	77.00
	Sub Total		1474.15
	Discount		
	Delivered by Truck No. <u>Unit #4</u>		
	Delivered from <u>Eureka</u>		
	Signature of operator <u>Brad Butler</u>		
	Sales Tax <u>5.9%</u>		86.97
	Total		1561.12
			(178.06)
			1483.06