

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 SMD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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/SMD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SMD or Inj?) Docket No. _____

5/23/2000 5/25/2000 5/25/2000
Spud Date Date Reached TD Completion Date

API NO. 15- 205-283130000

County Wilson

SE - NE - NE - SW Sec. 25 Twp. 27 Rge. 16 E

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

2805 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 # 00-16

Field Name Buffalo/Vilas

Producing Formation Squirrel

Elevation: Ground 1062 KB _____

Total Depth 941' PBTB _____

Amount of Surface Pipe Set and Cemented at 21' 10" Feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, show depth set _____ Feet

Alternate II completion, cement circulated from 938'

feet depth to Surface w/ 125 ex cmt.

Drilling Fluid Management Plan ALT #2 KJR 7/09/02
(Date 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. _____

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 82-5-130, 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: 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
 KCC SMD/Rep NCPA
 KGS Plug Other
(Specify)

Operator Name Southwind Exploration, LLC Lease Name Carlson Well # 00-16
 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 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:
 Drillers
 Gamma Ray/Neutron

Log Formation (Top), Depth and Datum Sample
 Name _____ Top _____ Datum _____
 See attached logs

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#	21' 10"	class A	5	
Other	5 7/8"	2 7/8"	6.5#	940'	class 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				

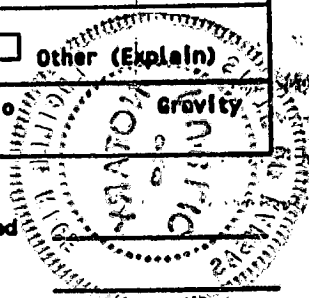
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
15'	874.0'-881.0'	200# 20 x 40 sand	
		1000# 12 x 20 sand	
		65bbls 15% HCL	874.0 to
			881.0

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, SUD or Inj. 8-24-2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
N/A					

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Production Interval: Other (Specify) _____



Carlson 0016
Wilson county, KS

Lance
WELL RECORD

ORIGINAL

API# 15-205-233130000

Well No. 00-16 Farm Carlson

Producer SOUTHWINDEXPL.LLCBOX34 PIQUA,KS

Location 2145'NSL2805'WEL-SE/NE/NE/SW

Sec. 25 Twp. 27S Rg. 16E

Elevation

State

KANSAS

County

WILSON

Kind(Oil, Gas, Water, Dry Hole)

INJ

Contractor

WaY DRILLING CO.2520 CA.RD HUMBOLDT,KS

SIZE HOLE DRILLED:

LOG

Thick-ness	Strata	Depth	Thick-ness	Strata	Depth
5	SOIL & CLAY	5	2	LIME	764
42	LIME W/BKS.	47	2	COAL SLATE	766
109	SHALE GY.	158	2	SHALE	768
19	LIME BRN.	175	25	LIME BROWN	793
114	SHALE	289	30	SHALE DK.	823
11	LIME GRAY	300	19	LIME (20')	842
29	SHALE GRAY	329	5	SHALE DK.	847
4	LIME	333	6	LIME (5')	853
25	SHALE GRAY	358	5	SHALE	858
8	SAND GY. NO	366	1	LIME	859
46	LIME, BRN, GY, WHT	412	11	SHALE DK.	870
2	SHALE DK. GY.	414	2	LIME	872
25	LIME	439	2	SHALE SDY.	874
4	SHALE GY.	443	2	SAND ODOR LB.	876
6	LIME	449	1	SHALE	877
21	SAND	470	1	SAND BETTER BLD.	878
43	LIME	513	3	SAND GY. DK. ODOR	*****
4	SHALE GY, DK.	517	*****	NO BLEED	881
20	LIME	537	60	SHALE GY SDY.	941
8	SHALE DK. W/SLT.	*****			
*****	W GOOD GAS OD.	545			
2	LIME	547			
20	SHALE DK.	567			
4	LIME DK. GY.	571			
13	SAND W/SHL.	584			
40	SHALE GRAY	624			
20	LIME W/SHL.	644			
9	SHALE GY. W/LM.	653			
12	LIME	665			
3	SHALE	668			
4	LIME	672			
28	SAND GY. CAL. BTM.	700			
16	SHALE GY. SDY.	716			
21	SAND	737			
25	SHALE	762			

Total Depth 941 FT

Open Hole 938.10 TO 941'

Surface (1) 7" at 21'110"

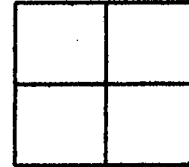
Casing (1) 2 7/8 at 938.10'

Seating Nipple 871.20 FT

SACKS CEMENT FOR SURFACE

Well

Location



Additional Information

DRILLERS

D. Yocom, D. Weiner, F. Weiner

Well was not cored. Drilled as an input.

Date Started 5-23-2000

Date Completed 5-25-2000

**BLUE STAR
ACID SERVICE, INC.**

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

ORIGINAL
No. **2216**

P.O. # 3-29

Date 5-26-00	Customer Order No.	Sect 23	Twp 27	Range 16E	Truck Called Out	On Location 3:00pm	Job Began 6:30pm	Job Completed 7:30pm
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 # 00-16	Place Wilson	County Wilson			State Kansas			
Depth of Well 940'	Depth of Job 938'	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 *Rig up in 2 7/8" tubing, break circulation w/ Fresh water. Mix Gel Flush, followed by 5 Bbl. Fresh water spacer. Mix 125 SKS Reg. cement w/ chemicals, shutdown washout pump & lines. Release Plug. Displace Plug with 5 1/2 Bbls. Fresh water. Final pumping @ 400 P.S.I. Bumped Plug to 900 P.S.I. Check Float - Float Held. Cementing procedure completed with good cement returns. M.T. well with 300 P.S.I. for 30 mins.*

Cementer **Bradley Butler** Job complete, close Tubing in
 Helper **Steve - Mike** Note: Ran wireline Before & After cement Job at 938'
 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. SABI 5% water weight	5.00	15.00
150	lbs. Gel (condition note)	8.60	12.90
1	2 7/8" Top Rubber Plug	12.00	12.00
Plugs			
	125 SKS Handling & Dumping	.50	62.50
	5.5 Ton Mileage 20	.70	77.00
	Sub Total		1474.15
	Discount		
	Sales Tax		86.97
	Total		1561.12
Delivered by Truck No.	Unit # 4		
Delivered from	Eureka		
Signature of operator	Brad Butler		