

**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**

Operator: License # 32187
Name: Southwind Exploration, LLC
Address: P.O. Box 34
City/State/Zip: Piqua, KS. 66761
Purchaser: N/A
Operator Contact Person: F.L. Ballard
Phone: (620) 468-2885
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: _____
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. _____
6-25-01 6-26-01 7-25-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 031-21928-0000
County: Coffey
- N/2 SE-NE Sec. 15 Twp. 23 S. R. 16 ☒ East ☐ West
3730 feet from ☒ S ☐ N (circle one) Line of Section
667 feet from ☒ E ☐ W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE ☒ SE NW SW
Lease Name: Ellis Well #: 10
Field Name: LeRoy - Neosho Falls
Producing Formation: Squirrel
Elevation: Ground: 990 Kelly Bushing: _____
Total Depth: 1015 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 40 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1015'
feet depth to surface w/ 160 sx cmt.

Drilling Fluid Management Plan ALT 2 gk 01/15/02
(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., R. _____ ☐ East ☐ West
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 82-3-130, 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: F.L. Ballard
Title: Agent Date: September 13, 2001
Subscribed and sworn to before me this 13 day of September
2001
Notary Public: Bucky Leis
Date Commission Expires: February 1, 2005

KCC Office Use ONLY

☐ Letter of Confidentiality Attached
☒ If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: Southwind Exploration, LLC Lease Name: Ellis Well #: 10
Sec. 15 Twp. 23 S. R. 16 ☒ East ☐ West County: Coffey

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 (Attach Additional Sheets)	☐ Yes ☒ No	☐ Log Formation (Top), Depth and Datum Name Top Datum See attached logs
Samples Sent to Geological Survey	☐ Yes ☒ No	
Cores Taken	☐ Yes ☒ No	
Electric Log Run (Submit Copy)	☒ Yes ☐ No	
List All E. Logs Run: Electric Log		

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	11"	8 5/8"	32#	40'	Portland	40	3% Cac1
Production	6 3/4"	4 1/2"	10.5#	1015'	Portland	160	2% Gel, 5% Salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
2	958-966	Frac w/ 5 sacks 20-40 Sand and	
		10 sacjs 12-20 in gelled water	

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr. Well is not on production 8-9-01		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u>	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval 958'-966' SQUIRREL

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

Rig:	3		
API No.	15-	031-21928	
Operator:	Southwind		
Address:	P.O. Box 34 Piqua, Ks 66761		
Well No:	10	Lease Name:	Ellis
Footage Location:		3795 ft. from the	South Line
		792 ft. from the	East Line
Drilling Contractor:	KMAC DRILLING LLC		
Spud date:	6/25/01	Geologist:	Harvey
Date Completed:	6/26/01	Total Depth:	1015'

S. 15	T. 23	R. 16e
Loc:	SE SE SE NE	
County:	Coffey	

Gas Tests:
None

Casing Record		
	Surface	Production
Size Hole:	11"	6 3/4"
Size Casing:	8 5/8"	
Weight:	32#	
Setting Depth:	40'	
Type Cement:	Blue Star	
Sacks:		

Rig Time:	Work Performed:

Well Log					
Formation	Top	Btm.	Formation	Top	Btm.
soil/clay	0	18	shale	767	782
gravel	18	30	sand	782	828
shale	30	113	lime	828	829
lime	113	190	sand/shale	829	834
shale	190	223	lime	834	850
lime	223	247	sandy shale	850	953
sandy lime	247	254	lime	953	955
lime	254	385	sand	955	966
shale	385	418	shaley sand	966	1015 TD
sandy lime	418	422			
sandy shale	422	444			
shale	444	449			
lime	449	517			
shale	517	527			
sand/lime	527	533			
lime	533	557			
shale	557	568			
lime	568	573			
sand	573	739			
lime	739	746			
shale	746	757			
sand	757	758			
lime	758	767			