

RELEASED

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

FROM  
CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 8490  
 Name: Keen Oil Company  
 Address: #1 Tam-O-Shanter Ct.  
 City/State/Zip: Winfield, KS 67156  
 Purchaser: Farmland Industries, Inc.  
 Operator Contact Person: Lenore M. Keen  
 Phone: (620) 221-6267  
 Contractor: Name: MOKAT Drilling Inc.  
 License: 5831  
 Wellsite Geologist: None  
 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. \_\_\_\_\_  

<u>7-1-03</u>	<u>8-16-03</u>	<u>10-3-03</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 019-26600-0000  
 County: Chautauqua  
SE NW SW NE Sec. 29 Twp. 33 S. R. 12  East  West  
3465 feet from S N (circle one) Line of Section  
2145 feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Pitts Well #: 4  
 Field Name: Peru - Sedan  
 Producing Formation: Mississippi  
 Elevation: Ground: 820 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1716 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 42 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1703  
 feet depth to surface w/ 165 sx cmt.

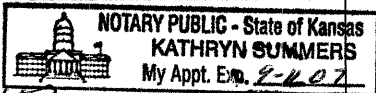
**Drilling Fluid Management Plan** Drilling fluid field  
 (Data must be collected from the Reserve Pit)  
 tested by KCC personnel *All in well*  
 Chloride content 0 ppm Fluid volume 200 bbls  
 Dewatering method used See pit closure form  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_ **RECEIVED**  
 Lease Name: \_\_\_\_\_ **KANSAS CORPORATION COMMISSION**  
 License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. 12 East \_\_\_\_\_ West  
 County: \_\_\_\_\_ Docket No.: 10-17-03  
**CONSERVATION DIVISION**  
**WICHITA, KS**

**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: Lenore M. Keen  
 Title: Operator Date: October 14, 2003  
 Subscribed and sworn to before me this 14th day of October,  
2003.

Notary Public: Kathryn Summers  
 Date Commission Expires: 9-11-2007



**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Keen Oil Company Lease Name: Pitts Well #: 4  
 Sec. 29 Twp. 33 S. R. 12 East West County: Chautauqua

**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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Log Formation (Top), Depth and Datum <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Layton</td> <td>634</td> <td>(186)</td> </tr> <tr> <td>Peru</td> <td>965</td> <td>(-145)</td> </tr> <tr> <td>Oswego</td> <td>1232</td> <td>(-412)</td> </tr> <tr> <td>Mississippi</td> <td>1634</td> <td>(-814)</td> </tr> <tr> <td>T.D.</td> <td>1716</td> <td>(-896)</td> </tr> </tbody> </table>	Name	Top	Datum	Layton	634	(186)	Peru	965	(-145)	Oswego	1232	(-412)	Mississippi	1634	(-814)	T.D.	1716	(-896)
Name	Top		Datum																	
Layton	634		(186)																	
Peru	965		(-145)																	
Oswego	1232		(-412)																	
Mississippi	1634	(-814)																		
T.D.	1716	(-896)																		
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
Cores Taken	Yes <input checked="" type="checkbox"/> No																			
Electric Log Run <i>(Submit Copy)</i>	Yes <input checked="" type="checkbox"/> No																			
List All E. Logs Run:																				

CASING RECORD							
New <input checked="" 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	12 3/4	8 5/8	24#	42	Portland	12	3% calcium chloride
Oil String	6 3/4	4 1/2	10 1/2#	1703	50/50 Pozmix	165	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
2	1631 to 1653	500 Gal 15% HCL Acid		Depth 1631 1653

TUBING RECORD		Size 2 3/8	Set At 1640	Packer At N/A	Liner Run Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 10-10-03		Producing Method Flowing <input type="checkbox"/> <input checked="" type="checkbox"/> Pumping Gas Lift Other (Explain)			
Estimated Production Per 24 Hours	Oil 3 Bbls.	Gas -- Mcf	Water 20 Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease *(If vented, Sumit ACO-18.)*

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled 1631 to 1653

Other (Specify) \_\_\_\_\_



**CONSOLIDATED**  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

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

CONFIDENTIAL

KCC

OCT 14 2003

ORIGINAL

TICKET NUMBER 22400

CONFIDENTIAL  
FIELD TICKET

LOCATION Bartlesville

CEMENT

OIL STRING CASING

DATE 8-18-03	CUSTOMER ACCT # 4410	WELL NAME Pitts #4	QTR/QTR	SECTION 29	TWP 34S	RGE 12E	COUNTY Chautaugua	FORMATION
CHARGE TO Dwight Keen				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE Production Casing		525.00
1107	2 sks	Flo Seal		75.50
1110	16 1/2 sks	Gilsonite		320.10
1111	800 #	Granulated Salt		80.00
1118	7 sks	Premium Gel		82.60
1123	6,500 gal	City Water		23.13
4404	1	4 1/2" Rubber Plug		22.00
RECEIVED KANSAS CORPORATION COMMISSION OCT 17 2003				
5407	min	BLENDING & HANDLING TON-MILES STAND BY TIME MILEAGE	CONSERVATION DIVISION WICHITA, KS	190.00
5501	4 hrs	WATER TRANSPORTS	RELEASED FROM CONFIDENTIAL	300.00
5502	3 hrs	VACUUM TRUCKS		210.00
		FRAC SAND		
1124	165 sks	CEMENT		1064.25
			SALES TAX	94.74
				3042.32
			Less Bid Discount	-152.12
			ESTIMATED TOTAL	2890.20

Ravin 2790

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

*Tracy L. Williams*

CUSTOMER or AGENT (PLEASE PRINT)

DATE

186175



Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67333

ORIGINAL RECEIVED KANSAS CORPORATION COMMISSION OCT 17 2003 CONSERVATION DIVISION WICHITA, KS RELEASED FROM CONFIDENTIAL	Operator	Well No.	Lease	Loc.	1/4	1/4	1/4	Sec.	29	Twp.	33	Rge.	12
	Job No.	County	State	Type/Well	Depth	Hours	Date Started	Date Complete					
		CHAUTAUQUA	KS		1716'								
	Drilling Used	Bit Record			Coring Record								
Driller	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.	
Driller	Rig No.			6 3/4"									
Driller	Hammer No.												

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	6	DIRT	704	706	SANDY SHALE	1287	1294	BLK SHALE (MULKY)	1651	1652	HARD LIME
6	18	MUD	706	709	SAND	1294	1305	LIME	1652	1656	SOFT LIME
18	75	SHALE	709	755	SHALE	1305	1330	SANDY SHALE	1656	1660	HARD LIME BK
75	90	BLK SHALE	755	757	LIME	1330	1332	LIME	1660	1688	SOFT LIME
90	105	SHALE	757	758	LIMEY SHALE	1332	1333	SHALE	1688	1698	HARD LIME
105	125	SAND (DAMP)	758	764	LIME	1333	1337	LIME	1698	1716	SOFT LIME
125	309	SHALE	764	768	SHALE	1337	1347	SHALE			
309	312	SANDY SHALE	768	770	LIME	1347	1360	SAND			T.D. 1716'
312	341	SHALE	770	777	LIMEY SHALE	1360	1371	SHALE			
341	346	LIME	777	783	SANDY SHALE	1371	1387	LIMEY SHALE			
346	356	SAND (LOTS OF WATER)	783	829	SAND	1387	1402	SANDY SHALE			
356	361	SHALE	829	947	SHALE	1402	1420	SAND			
361	377	SANDY SHALE	947	951	LIME	1420	1424	SANDY SHALE			
377	390	SAND	951	954	SHALE	1424	1426	HARD SAND			
390	420	SANDY SHALE	954	960	LIME	1426	1440	SANDY SHALE			
420	466	SHALE	960	961	SHALE	1440	1455	SAND			
466	471	LIME	961	965	LIME	1455	1468	SANDY SHALE			
471	504	SHALE	965	985	SAND	1468	1510	SHALE			
504	509	LIME	985	989	SANDY SHALE	1510	1512	LIME			
509	543	BLK SHALE	989	1003	SAND	1512	1524	SHALE			
543	548	LIME	1003	1024	SANDY SHALE	1524	1525	LIME			
548	571	SHALE	1024	1036	LIMEY SHALE	1525	1538	SHALE			
571	573	LIME	1036	1038	SHALE	1538	1539	LIME			
573	593	SHALE	1038	1052	LIME	1539	1595	SHALE			
573	593	SHALE	1052	1110	SAND	1595	1612	SAND			
593	627	SAND	1110	1148	SANDY SHALE						
627	631	SHALE	1148	1169	LIME	1612	1616	LIME			
631	633	SAND	1169	1232	SHALE	1616	1620	SANDY SHALE			
633	634	COAL	1232	1260	LIME (OSWEGO)	1620	1621	LIME			
634	703	SAND	1260	1272	BLK SHALE (SUMMIT)	1621	1634	SAND			
703	704	SANDY LIME	1272	1287	LIME	1634	1651	LIMEY CHAT MISS			

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