

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

Form ACO-1
September 1999
Form Must Be Typed

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. Abandonment

☐ 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. _____

7-2-01 7-9-01 8-6-01

Spud Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15- 019-265620000

County: Chautauqua

SW NE NE NW Sec. 29 Twp. 33 S. R. 12 ☒ East ☐ West

4610 feet from (S) N (circle one) Line of Section

3280 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Powers Well #: 22

Field Name: Peru - Sedan

Producing Formation: Mississippi

Elevation: Ground: 840 Kelly Bushing: _____

Total Depth: 1750 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 1651'

feet depth to surface w/ 230 sx cmt.

Drilling Fluid Management Plan Drilling fluid field

(Data must be collected from the Reserve Pit) tested by KCC personnel

Chloride content - 0 - ppm Fluid volume 200 bbls

Dewatering method used See pit closure form

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: Lenore M. Keen

Title: Operator Date: 9-4-01

Subscribed and sworn to before me this 4th day of September

2001

Notary Public: Janet A. Flower

JANET A. FLOWER
Notary Public - State of Kansas
My Appt. Expires 12-10-2003

Date Commission Expires: 12-10-2003

KCC Office Use ONLY

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

Operator Name: Keen Oil CompanyLease Name: Powers**COPY**Well #: 22Sec. 29 Twp. 33 S. R. 12 ☒ East ☐ WestCounty: 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 ☐ 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:

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Layton	667	(173)
Redd	824	(16)
Peru	1012	(-172)
Oswego	1285	(-445)
Mississippi	1645	(-805)
T.D.	1750	(-910)

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	# Sacs Used	Type and Percent Additives
Surface	12 3/4	8 5/8	24#	42'	Portland	10	3% calcium chloride
Oil String	6 3/4	4 1/2	10 1/2#	1651'	50/50 Pozmix	230	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
		1000 gal 15% HCL Acid	1650 to 1750

TUBING RECORD		Size 2 3/8"	Set At 1610'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Release
Date of First, Resumerd Production, SWD or Enhr. 8-17-01			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/>			
Estimated Production Per 24 Hours	Oil	Bbls. 3	Gas	Mcf -	Water 20	Bbls. Gas-Oil Ratio From Gravity Confidential

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☒ Used on Lease
 (If vented, Sumit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled 1650 to 1750
☐ Other (Specify) _____
Release**APR 04 2003****From Confidential**

Air Drilling
Specialist
Oil and Gas Wells



MOKAT DRILLING
Office Phone: (316) 879-5377



P.O.
Caney, KS

Operator KEEN OIL CO.		Well No. #22	Lease POWERS	Loc.	%	%	%	Sec. 29	Twp. 33	Rge. 12		
County Chautauqua		State KS		Type/Well	Depth 1750'	Hours	Date Started 7-3-01	Date Completed 7-6-01				
Job No.	Casing Used	Bit Record						Coring Record				
		Bit No.	Type	Size	From	To	Bit No.	Type	Size	From	To	% Rec.
Driller	Cement Used			6 3/4"								
Driller	Rig No.											
Driller	Hammer No.											

KCC ORIGINAL
SEP 08 2001
CONFIDENTIAL

CONFIDENTIAL

Release

APR 11 2003

From Confidential

Formation Record											
From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	50	overburden	1005	1012	lime	1465	1475	shale			
50	150	sandy shale	1012	1030	sand	1475	1490	sand			
150	163	limey shale	1030	1070	sandy shale	1490	1510	sandy shale			
163	200	lime	1070	1087	lime	1510	1590	shale			
200	405	shale	1087	1091	shale	1590	1628	red shale			
405	425	lime	1091	1105	lime	1628	1630	coal			
425	445	shale	1105	1130	sand	1630	1645	limey shale			
445	455	lime	1130	1163	sandy shale	1645	1650	lime MISS.			
455	517	shale	1163	1167	lime	1650	1652	limey shale			
517	530	lime	1167	1203	shale	1652	1656	lime			
530	650	shale	1203	1221	lime	1656	1658	sand			
650	652	coal	1221	1238	shale	1658	1664	lime			
652	665	sandy shale	1238	1242	lime	1664	1670	limey shale			
665	667	lime	1242	1252	sand	1670	1729	blk lime			
667	682	sand	1252	1285	shale	1729	1731	sand			
682	684	coal	1285	1313	lime	1731	1750	lime			
684	691	sandy shale	1313	1323	shale						
691	702	lime	1323	1350	lime						
702	750	sand	1350	1361	shale			T.D. 1750'			
750	804	shale	1361	1368	lime						
804	824	lime	1368	1380	shale						
824	862	sand	1380	1388	lime						
862	864	coal	1388	1400	shale						
864	885	sand	1400	1410	shale						
885	990	shale	1410	1450	sandy shale						
990	1005	limey shale	1450	1465	sand						

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 27 2001

CONSERVATION DIVISION
WICHITA, KS