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

RECEIVED
JAN 26 2004
KCC WICHITA

Operator: License # 30553
Name: UNREIN OIL COMPANY
Address: 300 W. 40th
City/State/Zip: HAYS, KS. 67601
Purchaser: N.C.R.A.
Operator Contact Person: GLEN UNREIN
Phone: (785) 628-3530
Contractor: Name: (change of well status)
License:
Wellsite Geologist:

Designate Type of Completion:
___ New Well ___ Re-Entry ___ Workover
__X__ 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: Same operator, changed well status
Well Name: from injection to producer. pulled packer and ran pumping equipment.
Original Comp. Date: ___ Original Total Depth: ___

___ Deepening ___ Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back 3565' Plug Back Total Depth
__X__ Commingled Docket No. E-27,607
___ Dual Completion Docket No.
___ Other (SWD or Enhr.?) Docket No.

Spud Date or Recompletion Date	Date Reached TD	11/2003 Completion Date or Recompletion Date

API No. 15 - E-27,607
County: ELLIS
~~NW - SW - SE~~ Sec. 31 Twp. 15 S. R. 19 ☐ East ☒ West
990 feet from (S) / N (circle one) Line of Section
2310 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: RIEDEL Well #: 1
Field Name: WEITZEL NE
Producing Formation: TOPEKA & LSG. KC(comingle)
Elevation: Ground: 2086 Kelly Bushing:
Total Depth: 3694 Plug Back Total Depth: 3565
Amount of Surface Pipe Set and Cemented at 308' Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1306' Feet
If Alternate II completion, cement circulated from 1306'
feet depth to ___ w/ 450 sx cmt.

Drilling Fluid Management Plan
(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: Glenn Unrein
Title: Owner Date: 1-23-2004
Subscribed and sworn to before me this 23 day of January,
~~19~~ 2004
Notary Public: Gale D. Fischer
Date Commission Expires: 11-4-2006

GALE D. FISCHER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 11-4-2006

KCC Office Use ONLY
___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: ___
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

Side Two

Operator Name: UNREIN OIL COMPANY Lease Name: RIEDEL Well #: No. 1

Sec. 31 Twp. 15 S. R. 19 ☐ East ☒ West County: ELLIS

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
LSG.KC	3364	-1273
TORONTO	3341	-1250
TOPEKA	3034	- 943
ANHYDRITE	1302	+ 789

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	# Sacjs Used	Type and Percent Additives
Surface	12 1/4	8 5/8	32#	308	common	200	
Prod. string	7 7/8	5 1/2	14#	3693	common	125	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate _x_ Protect Casing ___ Plug Back TD ___ Plug Off Zone	DV @ 1306	60/40 Poz	450	5% Gel.

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 per ft.	Topeka 3268-74	500 Gal 15% Acid	
" " "	Lsg, KC 3525-27	500 Gal 15% Acid	
	2 " "3412-19	1000 Gal. 15% Acid	
	3389-91		
Baker Dual comp tool @3577' mandrel plugged			
2 Sx cement on top.			

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	3560'	none	☐ Yes ☒ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11/03	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1%		145/day		

Disposition of Gas METHOD OF COMPLETION Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☒ Commingled topeka & KC

☐ Other *(Specify)* _____