

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5959Name: Rader Oil Co.Address 453 E. 2200 Rd.City/State/Zip Eudora, Ks. 66025Purchaser: Crude Mkt. Inc.Operator Contact Person: Richard RaderPhone (913) 883-2885Contractor: Name: Evans EnergyLicense: 8509Wellsite 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: N/AWell Name: N/AComp. Date 8-2-94 Old Total Depth 8-3-94☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PSTD☐ Casing/Grout ☐ Docket No. 8-3-94☐ Dual Completion ☐ Docket No. 8-3-94☐ Other (SWD or Inj?) ☐ Docket No. 8-3-94Spud Date 8-2-94 Date Reached TD: 8-3-94 Completion Date 8-3-94Spud Date 8-2-94 Date Reached TD: 8-3-94 Completion Date 8-3-94

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 Robert RaderTitle Owner Date 8-25-94Subscribed and sworn to before me this 25th day of Aug. 19 94.Notary Public Elizabeth C. MohermanDate Commission Expires Dec. 1, 1995

ELIZABETH A. MOHERMAN
State of Kansas
My Appt. Exp. Dec. 1, 1995

API NO. 15- 059-24783County FranklinSE SW NW Sec. 20 Twp. 16 Rge. 21 X E2970 Feet from S (circle one) Line of Section4396 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Olson Well # 27Field Name Paola-RantoulProducing Formation noneElevation: Ground 970 KB _____Total Depth 678 PSTD _____Amount of Surface Pipe Set and Cemented at 20 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set _____ FeetIf Alternate II completion, cement circulated from _____feet depth to Surface w/ _____ sx cmt.Drilling Fluid Management Plan D&A 8/24 2-2-95
(Date must be collected from the Reserve Pit)NONE-Drilled W/ airChloride content _____ ppm Fluid volume _____ bblsDewatering 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. _____

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC
☒ KGS

☐ SWD/Rep
☐ Plug

NGPA

Other

(Specify)

AUG 25 1994

Operator Name Rader Oil Co. Lease Name Olson Well # 27
 Sec. 20 Twp. 16 Rge. 21 ☒ East ☐ West
 County Franklin

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:
 none

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

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 $\frac{1}{4}$	7"	10	20	common	4	none

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
Date of First, Resumed Production, SMD or Inj.				Producing Method	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Scavt

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval



P.O. Box 266

20-16-21E
ORIGINAL

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Paola, Kansas 66071

(913) 294-9083

WELL LOG
Olson - #27
Rader Oil Company
API #15-059-24,783
August 2 - August 3, 1994

Thickness of Strata	Formation	Total
5	soil & clay	5
2	lime	7
7	shale	14
15	lime	29
6	shale	35
13	lime	48
3	shale	51
16	lime	67
36	shale	103
19	lime	122
80	shale	202
22	lime	224
25	shale	249
6	lime	255
29	shale	284
7	lime	291
6	shale	297
1	lime	298
17	shale	315
24	lime	339
8	shale	347
23	lime	370
4	shale	374
12	lime	386-base of the Kansas City
55	shale	441
10	sand	451-silty, gray
44	shale	495
6	sand	501-light brown, gassy, 500'-501' oil
33	shale	534
8	lime	542
12	shale	554
14	sand	568-greenish-gray, no show
22	shale	590
7	lime	597
14	shale	611
3	lime	614
8	shale	622
8	lime	630
4	shale	634
3	lime	637
8	shale	645
5	lime	650-brown, oil

RECEIVED
STATE CORPORATION COMMISSION

AUG 30 1994

CONSERVATION DIVISION
WICHITA, KANSAS

1	lime	651
4	shale	655-dark
1	sandy shale	656-light gray sandy shale & few pieces brown sand
1	sandy shale	657-light green
7	silty sand & sand	664-light green silt and brown sand, fair bleeding
1.4	lime	665.4
.5	shale	665.9
.2	sand	666.1-shaley, bleeding
3.1	shale	669.2
3.8	sand & shale	673-30% dark brown sand, 70% silty shale, slight show
1.7	shale	674.7
.1	sand	674.8-bleeding well
.6	shale	675.4
.1	sand	675.5-bleeding well
.7	shale	676.2
.1	sand	676.3
1.7	shale	678-TD

Set 20.85' of used 7" Threaded & Coupled Surface Casing.

This well was plugged with 10 sacks at 678' and filled from
300' to the surface on August 3, 1994.