

COPY

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, Kansas 66025Purchaser: CMIOperator Contact Person: Richard RaderPhone (913) 883-2885Contractor: Name: Evans EnergyLicense: 8509Wellsite Geologist: N/A

Designate Type of Completion

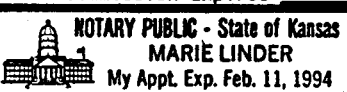
☐ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: N/AWell Name: N/AComp. Date Old Total Depth ☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No. ☐ Dual Completion ☐ Docket No. ☐ Other (SWD or Inj?) Docket No. 8-27-93 8-28-93 8-28-93Spud Date Date Reached TD Completion Date API NO. 15- 059-24753County FranklinNW NW NE SW Sec. 20 Twp. 16 Rge. 21 X E U 2530 Feet from S N (circle one) Line of Section3956 Feet from E W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)Lease Name Olson Well # 25Field Name Paola- RantoulProducing Formation SquirrelElevation: Ground 960 KB Total Depth 740 PSTD Amount of Surface Pipe Set and Cemented at 20' FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set N/A FeetIf Alternate II completion, cement circulated from feet depth to N/A w/ sx cmt.Drilling Fluid Management Plan D & A 12-3-93
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite:
N/AOperator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/W County Docket No.

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 Richard RaderTitle Owner Date 10-4-93Subscribed and sworn to before me this 4th day of Oct. 19 93.Notary Public Marie LinderDate Commission Expires Feb. 11, 1994

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ STATE CORPORATION COMMISSION
☒ KCS ☐ (Specify)

OCT 07 1993

Form ACO-1 (7-91)
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Rader Oil Co. Lease Name Olson Well # 25
Sec. 20 Twp. 16 Rge. 21 ☒ East
☐ West
County Franklin

Drill Stem Tests Taken (Attach Additional Sheets.)	☐ Yes	☒ No	☐ Log	Formation (Top), Depth and Datum	☒ Sample
Samples Sent to Geological Survey	☐ Yes	☒ No	Name	Top	Datum
Cores Taken	☒ Yes	☐ No	Squirrel	663	
Electric Log Run (Submit Copy.)	☐ Yes	☒ No			
List All E.Logs Run:	none				

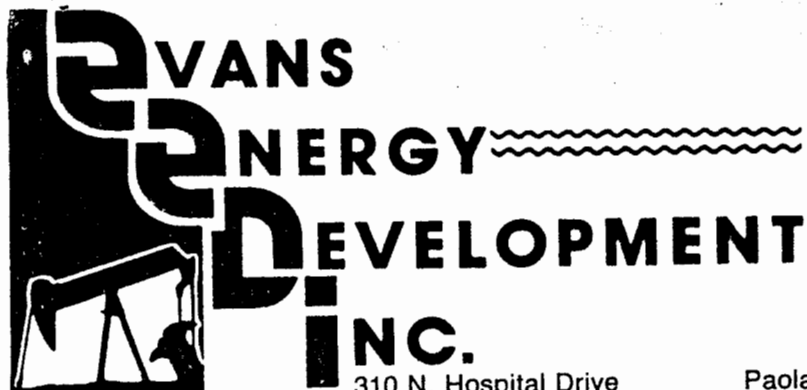
CASING RECORD ☐ New ☒ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11.5	7"	24	20'	common	4	none

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
☐ Perforate					
☐ Protect Casing					
☐ Plug Back TD			N/A		
☐ 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
	N/A		

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

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACD-18.)	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☒ Other (Specify) <u>Dry Hole</u>	<u> </u> ANNUAL PRODUCTION - QUANTITY AND PERCENTAGE OF TOTAL PRODUCTION FOR THE YEAR <u> </u> PERCENTAGE OF TOTAL PRODUCTION FOR THE YEAR



ORIGINAL

Custom
oil & gas
drilling
Lease Development

310 N. Hospital Drive

Paola, Kansas 66071

(913) 294-9083

WELL LOG
Olson - #25
Rader Oil Company
API #15-059-24,753
August 27 - August 28, 1993

Thickness of Strata	Formation	Total
6	soil & clay	6
4	lime	10
4	shale	14
16	lime	30
6	shale	36
10	lime	46
7	shale	53
17	lime	70
32	shale	102
24	lime	126
78	shale	204
21	lime	225
24	shale	249
8	lime	257
31	shale	288
7	lime	295
21	shale	316
27	lime	343
10	shale	353
20	lime	373
4	shale	377
112	shale	501-base of the Kansas City
4	sand & shale	505-laminated light brown light bleee ing sand & shale
39	shale	544
6	lime	550
5	shale	555
4	lime	559
37	shale	596
8	lime	604
11	shale	615
3	lime	618
12	shale	630
3	lime	633
6	shale	639
2	lime	641
6	shale	647
3	lime	650-brown, oil show
3	lime	653
6	shale	659
1	sand & shale	660-light green shale & black sand

RECEIVED
STATE CORPORATION COMMISSION

SEP 10 1993

CONSERVATION DIVISION

Olson - #25 (con't)

API #15-059-24753

OLSON #25

ORIGINAL

1.5	shale	661.5-light green
.5	sand	662-drilled, brown, bleeding
3.6	lime	666.1
.3	shale	666.4
.4	silty sand	666.8-brown, scattered bleeding
.3	shale	667.1
1.4	broken sand	668.5-70% bleeding sand, 30% shale
.9	shale	669.4
1	silty sand	670.4-brown with shale laminations, very light bleed
1.8	shale	672.2
.6	silty sand	672.8-very shaley light bleeding
.2	sand	673-good bleeding
.9	shale	673.9-10% laminated bleeding sand
.4	sand	674.3-good bleeding
3.2	shale	677.5-silty, scattered black sand sections
26.5	shale	703-gray
7	shale	711
1	shale & shells	712
2	shale	714
5	sand & shale	719-laminated, fine grained, brown, light bleeding sand & gray shale
11	shale	730
4	sand	734-brown & gray, no show
6	shale	740-TD

Set 23.35' of 7" Threaded & Coupled Surface Casing.

This well was plugged with 25 Sacks cement at 740', 10 Sacks Cement at 500', and 60 Sacks cement from 350' to the Surface. Plugged 1:30 p.m. to 2:30 p.m. on 8/28/93.