

32-16S-21E

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.Eudora, Ks. 66025

City/State/Zip _____

Purchaser: Crude Mkt., Inc.Operator Contact Person: Richard RaderPhone (913) 883-2885Contractor: Name: Evans EnergyLicense: 8509Wellsite 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: N/A

Well Name: _____

Comp. 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. _____8-31-95 9-6-95 12-5-95Spud Date 8-31-95 Date Reached TD 9-6-95 Completion Date 12-5-95API NO. 15- 059-247940000County FranklinSE SE SW SE Sec. 32 Twp. 16 Rge. 21 ☒ E ☐ W450 Feet from SW (circle one) Line of Section2805 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Smith Well # 16Field Name Paola-RantoulProducing Formation SquirrelElevation: Ground 955 KB ☒ XTotal Depth 708 PSTD ☒ XAmount of Surface Pipe Set and Cemented at 21.5 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 700.7feet depth to surface w/ 80 sx cmt.Drilling Fluid Management Plan ALT 2 JH 9-5-96
(Data must be collected from the Reserve Pit)Chloride content N/A ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

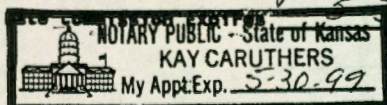
Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 Rader Oil Co.Title Owner Date 12-6-95Subscribed and sworn to before me this 6 day of December, 19 95.Notary Public Kay Caruthers

K.C.C. OFFICE USE ONLY			
F	☒	Letter of Confidentiality Attached	
C	☒	Wireline Log Received	
C	☒	Geologist Report Received	
DISTRIBUTION			
DEC	☒	KCC	☐
	☒	SGS	☐
	☐	SWD/Rep	☐
	☐	Plug	☐
	☐	NGPA	☐
	☐	Other	☐
(Specify)			

315-241-58

SIDE TWO

Operator Name Rader Oil Co. Lease Name Smith Well # 16
County Franklin
Sec. 32 Twp. 16 Rge. 21 ☒ East ☐ West

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: GAMMA RAY/NEUTRON

☐ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum
Lower Squirrel 666 672

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	10½"	7"	10	21	common	4	none
Production	6½"	4½"	9.5	700.7	Pozmix	80	50/50 Poz.

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1	666.5-669.75	100 Gal. Hcl. acid	666.5-669.75

TUBING RECORD		Size 2"	Set At 663'	Packer At	Liner Run	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Inj. 12-5-95			Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil 1 Bbls.	Gas 0 Mcf	Water 2 Bbls.	Gas-Oil Ratio	29	Gravim

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: 666.5-669.75