

COPY

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

Operator: License # 5959

Name: Rader Oil Co.

Address 453 E. 2200 Rd.

City/State/Zip Eudora, Ks. 66025

Purchaser: Crude Mkt., Inc.

Operator Contact Person: Richard Rader

Phone (785) 883-2885

Contractor: Name: Evans Energy

License: 8509

Wellsite Geologist: R. Rader

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, USW, 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. \_\_\_\_\_

8-5-99 8-9-99 11-12-99  
Spud Date Date Reached TD Completion Date

API NO. 15- 059-248590000

County Franklin

SE NW SW Sec. 32 Twp. 16 Rge. 21  E  W

1580 Feet from S/N (circle one) Line of Section

4270 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Smith Well # 18

Field Name Paola-Rantoul

Producing Formation Squirrel

Elevation: Ground 900 KB \_\_\_\_\_

Total Depth 690' PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 22.7 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 677.2'

feet depth to surface w/ 99 sx cat.

Drilling Fluid Management Plan AH-2, 12-17-99  
(Data must be collected from the Reserve Pit) UC.

Chloride content N/A ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name N/A

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

Title Owner Date 11-19-99

Subscribed and sworn to before me this 19th day of Nov. 19 99.

Notary Public Marie Linder

Date Commission Expires Feb. 11, 2002

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SUD/Rep  NSGA  
 KGS  Plug  Other (Specify) IS



SIDE TWO

Operator Name Rader Oil Co.

Lease Name Smith

Well # 18

Sec. 32 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 g. 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:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Squirrel	565.2	Sand
Squirrel	624	Sand

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	12 1/4	8 5/8	24	22.7	common	8	none
Production	6 3/4	4 1/2	9.5	677.2	Pozmix	99	salt, gel flo-seal

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		N/A			
<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
	1	636-641		100 G. 15% HCL acid	

TUBING RECORD Size 2" Set At 635' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SUD or Inj. 11-12-99 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 1.0 Bbls. Gas 0 Mcf Water .1 Bbls. Gas-Oil Ratio 30 Gravity

Disposition of Gas:  
 Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 636-41  
 Other (Specify) \_\_\_\_\_



P.O. Box 266

Paola, Kansas 66071

(913) 294-9083

Oil & Gas Well Drilling  
Water Wells  
Geo-Loop Installation

**WELL LOG**  
**Rader Oil Company**  
**Smith - #18**  
**API #15-059-24859**  
**August 5 - August 9, 1999**

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
5	limestone	10
13	sandstone	23
80	shale	103
19	limestone	122
27	shale	149
3	limestone	152
36	shale	188
7	limestone	195
4	shale	199
3	limestone	202
16	shale	218
23	limestone	241
11	shale	252
20	limestone	272
4	shale	276
13	limestone	289-black
101	shale	390
2	sandy lime	392
20	sand	412
30	shale	442
10	lime	452
46	shale	498
7	lime	505
13	shale	518
4	lime	522
13	shale	535
2	lime	537
11	shale	548
2	lime	550

STATE OF KANSAS

NOV 2 4 1999

CONSERVATION DIVISION  
WELL LOGS SECTION

3	shale	553
7	lime	560-brown, oil show
3	shale	563-green, dark
2	sandy shale	565
.2	lime	565.2
.2	sand	565.4
1.8	shale & sand	567.2-70% shale, 30% bleeding sand
1.8	sand	569-clean, bleeding
.9	shale & sand	569.9-90% shale, 10% sand
3.6	sand	573.5-clean, bleeding
4.9	broken sand	578.4-50% sand
1	shale	579.4
.2	sand	579.6-dark bleeding
28.4	shale	608
1	lime & Shells	609
10	shale	619
1	lime & shells	620
4	shale	624
2	shale & sand	626-90% shale, few thin sand seams
9	shale	635
1	sand	636-brown, oil shale
1.7	sand	637.7
.3	shale	638
4	sand	642-clean
.6	broken sand	642.6-40% bleeding sand
1.6	shale	644.2
.2	sand	644.4-bleeding
45.6	shale	690-TD

Drilling a 12 1/4" hole to 22'.

Drilled a 6 3/4" hole to 690'.

Set 22.7' of used 8 5/8" surface casing cemented with 8 sacks Portland Cement.

Set 677.2' of used 4 1/2" casing including 3 centralizers, 1 float shoe, 1 clamp.

RECEIVED  
STATE OF KANSAS COMMISSION

NOV 19 1964

COURTESY OF THE COMMISSION  
WICHITA, KANSAS