

COPY

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

Sub

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, 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. _____

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

API NO. 15- 059-248580000

County Franklin

SW NE SE Sec. 31 Twp. 16 Rge. 21 E W

1840 Feet from N S (circle one) Line of Section

1100 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 Hermes Well # 29

Field Name Paola-Rantoul

Producing Formation Squirrel

Elevation: Ground 945 KB _____

Total Depth 720' PSTD _____

Amount of Surface Pipe Set and Cemented at 22 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 709.15

feet depth to Surface w/ 99 ex cat.

Drilling Fluid Management Plan AH.2.12-16-99 UC
(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 N/A

Lease Name _____ License No. _____

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

County _____ Docket No. _____

RECEIVED
NOV 24 1999
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

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 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 SWD/Rep HGA
 KGS Plug Other (Specify) 106

NOTARY PUBLIC - State of Kansas
MARIE LINDER
My Appt. Exp. Feb. 11, 2002

Operator Name Rader Oil Co. Lease Name Hermes Well # 29
 Sec. 31 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 hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheets 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.)

Log Formation (Top), Depth and Datum Sample
 Name Squirrel Top 606' Datum Sand

List All E.Logs Run:

GAMMA RAY Neutron

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	12 1/4	8 5/8	28	22.3'	common	8	none
Production	6 3/4	4 1/2	9.5	709.15'	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 <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		N/A		

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	613.25-623 628-631	100 G. 15% HCL acid	613 1/4-31

TUBING RECORD Size 2" Set At 606' Packer At _____ Liner Run Yes No

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

Estimated Production Per 24 Hours Oil 2 Bbls. Gas 0 Mcf Water 5 Bbls. Gas-Oil Ratio 29 Gravity

Disposition of Gas:

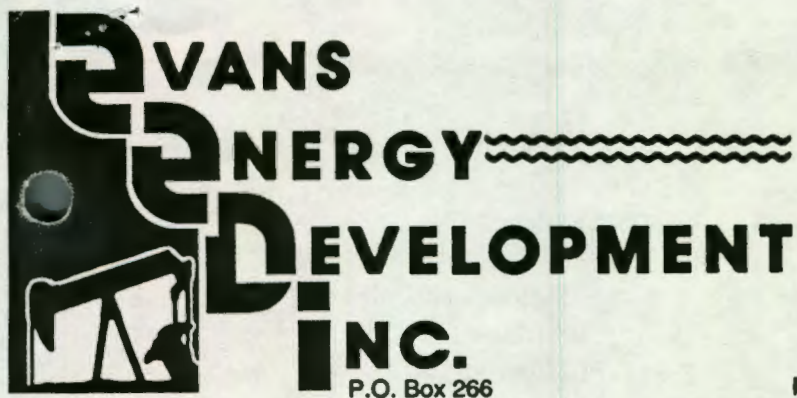
Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

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

Production Ints

613 1/4-31



P.O. Box 266

Oil & Gas Well Drilling
 Water Wells
 Geo-Loop Installation

Paola, Kansas 66071

(913) 294-9083

WELL LOG
Rader Oil Company
Hermes - #29
API #15-059-24858
August 9 - August 11, 1999

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
2	soil	2
6	limestone	8
2	shale	10-hard
2	limestone	12
33	shale	45
19	limestone	64
87	shale	151
19	lime	170
26	shale	196
4	lime	200
33	shale	233
13	lime	246
19	shale	265
25	lime	290
7	shale	297
24	lime	321
3	shale	324
12	lime	336-base of the Kansas City (Hertha)
111	shale	447
11	sand	458
29	shale	487
6	lime	493
2	shale	495
4	lime	499
5	shale	504
18	sandy shale & sand	522-grey
22	shale	544
11	lime	555
10	shale	565

STATE OF KANSAS
 WELL LOGS

3	lime	568-hard
12	shale	580-black
15	lime	595-shale sections
3	shale	598-black
4	lime	602-brown, oil show
3	shale	605
1	sandy shale	606
2.5	broken sand	608.5-20% bleeding oil sand; 80% sandy shale
25.5	sand	634
2	limey sand	636-634'-635' black limey, 635'-636' white limey
28	shale	664
1	lime & shells	665
2	shale	667
4	broken sand	671-thin brown sand seams and grey shale
8.5	shale	679.5
.5	sand	680-brown, slight oil bleeding
6.6	sand	686.6-thin shale seams, light bleeding
3.4	shale	690
.6	broken sand	690.6-black, slight bleeding
27.4	shale	718
1	lime	719
1	shale	720-T.D.

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

Drilled a 6 3/4" hole to 720'.

Set 22.3' of used 8 5/8" surface casing cemented with 8 sacks Portland Cement.

Set 709.15' of used 4 1/2" casing including 3 centralizers, 1 float shoe, 1 clamp.

STATE OF

MINNESOTA

NOV 2 1958

UNITED STATES DEPARTMENT OF THE INTERIOR
WATER RESOURCES DIVISION