

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5959
Name: Rader Oil Co.
Address: 453 E. 2200 Rd.
City/State/Zip: Eudora, Ks. 66025
Purchaser: Maclaskey Oilfield Serv.
Operator Contact Person: Richard Rader
Phone: (785) 883-2885
Contractor: Name: Evans Energy
License: 8509
Wellsite 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: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____
12-1-03 12-5-03 3-25-04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 059-24,982 - 0000
County: Franklin
SW NE SE Sec. 31 Twp. 16 S. R. 21 ☒ East ☐ West
1620 feet from (S) N (circle one) Line of Section
1100 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Hermes Well #: 32
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: 935 Kelly Bushing: _____
Total Depth: 720' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 20.9' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set N/A Feet
If Alternate II completion, cement circulated from 705.2'
feet depth to surface w/ 101 sx cmt.

Drilling Fluid Management Plan
(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. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: [Signature]

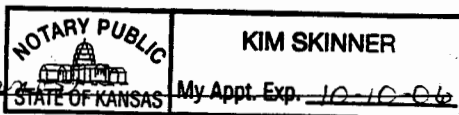
Title: Owner Date: 3-29-04

Subscribed and sworn to before me this 29th day of march

19 2004

Notary Public: Kim Skinner

Date Commission Expires: 10-10-06



KCC Office Use ONLY

☐ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

Operator Name: **Rader Oil Co.** Lease Name: **Hermes** Well #: **32**
 Sec. **31** Twp. **16** S. R. **21** ☒ East ☐ West County: **Franklin**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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 **599** **624**
671 **680**

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	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	26	20.9'	common	5	none
Production	6 3/4"	4 1/2"	10	705.2'	50/50 Poz.	101	Flo-Seal

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		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
2	674-677	100 G. 15% Acid.	674-77

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2"	670'		☐ Yes ☒ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
3-30-04	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	3	0	5		29

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☐ Vented ☐ Sold ☒ Used on Lease (If vented, Sumit ACO-18.)	☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)	



ORIGINAL

RECEIVED

MAR 31 2004

KCC WICHITA

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Fax (913)557-9084
(913)557-9083

P.O. Box 266

Paola, Kansas 66071

WELL LOG

Rader Oil Company

Hermes #32

API 15-059-24,982

December 1 - December 5, 2003

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
1	soil & clay	1
3	lime	4
31	shale	35
20	lime	55
85	shale	140
20	lime	160
24	shale	184
5	lime	189
34	shale	223
9	lime	232
1	shale	233
2	lime	235
21	shale	256
24	lime	280
6	shale	286 Black
22	lime	308
5	shale	313
12	lime	325 base of Kansas City
107	shale	432
14	sand & silty shale	446 grey
28	shale	474
8	lime	482
13	shale	495
12	sand & silty shale	507 Peru formation Gas test 3-4 mcf
27	shale	534
11.	lime	545
9	shale	554
6	lime	560
10	shale	570
6	lime	576
6	shale	582
3	lime	585
3	shale	588
7	lime	595 brown, oil
4	shale	599 white
25	sand	624

ORIGINAL

Hermes #32

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3	sand	627
29	shale	656
2	lime & shells	658
2	shale	660
3	broken sand	663
8	shale	571
1	broken sand	672
1	broken sand	673 brown sand & thin black shale lam.
6	sand	679 good sand
1.5	broken sand	680.5 80% shale, 20% sand
39.5	shale	720 T.D.

Drilled 21' of 12 1/4" hole.

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

Set 20.9' of used 8 5/8" threaded and coupled surface casing, cemented with 7 sacks cement.

Set 705.20' of new 4 1/2" casing including 3 centralizers, 1 float shoe, 1 clamp.

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