

COPY

30-15-11W
And

SIDE ONE

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

Operator: License # 6280
Name: HKW Oil
Address P.O. Box 1851
Salina, Ks. 67401
City/State/Zip Salina, Ks. 67401
Purchaser: _____
Operator Contact Person: LeRoy Waymaster
Phone (913) 483-6185

Contractor: Name: Vonfeldt Drilling Co.
License: _____

Wellsite Geologist: Randall Kilian #3351

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ Temp. Ab.
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

10-31-90 11-09-90
Spud Date Date Reached TD Completion Date

NO. 15-¹⁶¹~~165~~-22,934

County Russell

SW SW NE Sec. 30 Twp. 15 S Rge. 11 East X West

2970 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Garrett Well # _____

Field Name Davidson

Producing Formation Cong. Sand

Elevation: Ground 1840 KB 1845

Total Depth 3370 PBTD _____

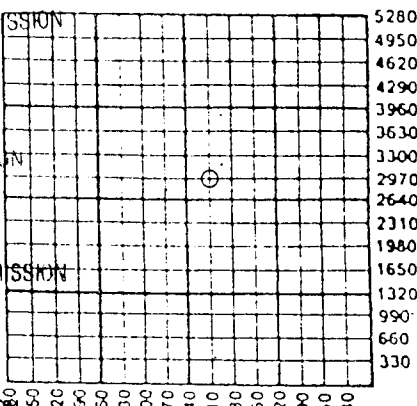
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SEP 13 1991

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AUG 09 1991

CONSERVATION DIVISION
Wichita, Kansas



AITE

Amount of Surface Pipe Set and Cemented at 528' Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado by Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Randall Kilian
Randall Kilian
Title Wellsite geologist Date 11-14-90

Subscribed and sworn to before me this 28th day of March
19 91.

Notary Public Patricia A. Radke
PATRICIA A. RADKE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10-4-94

Date Commission Expires 10-4-94

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Drillers Timelog Received

Distribution

☐ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

30-15-11W

SIDE TWO

Operator Name HKW Oil Lease Name Garrett Well # 1
 Sec. 30 Twp. 15 Rge. 11 ☐ East ☒ West
 County Russell

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

Core Samples Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☐ No
 (Submit Copy.)

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 STATE COMMISSION

SEP 13 1991

CONSERVATION DIVISION

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom	
Anh.	716	744	+1129
Top.	2600		- 755
Heeb.	2889		-1044
Tor.	2908		-1063
Doug.	2918		-1073
BL.	2981		-1136
Lans.	2998		-1153
Base Kc.	3259		-1414
Cg. Sd.	3306	3320	-1461
Arb.	3336		-1491

CASTING 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 1/2	8 5/8"		528		225	
Prod.	7 7/8	5 1/2"	15 1/2#	3369		200	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
 (Amount and Kind of Material Used) Depth

10 shots	3310 1/2 - 3313	250 gal 7 1/2% HCL	
		250 Diesel	
		500 gal 15% INS	

TUBING RECORD

Size 2 3/8

Set At 3318

Packer At

Liner Run

☐ Yes ☒ No

Date of First Production <u>7-22-91</u>	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)	Estimated Production Per 24 Hours	Oil Bbls. <u>12 Bbl</u>	Gas Mcf	Water Bbls. <u>42 Bbl</u>	Gas-Oil Ratio	Gravity <u>40</u>
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Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____