

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 6280
Name H K & W Oil Operators, Inc.
Address P.O. Box 1851
City/State/Zip Salina, KS 67401

Purchaser.....

Operator Contact Person Orville Kaufman
Phone 316-793-7327

Contractor: License # 5929
Name Duke Drilling Co., Inc.

Wellsite Geologist.....
Phone.....

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator Davies & Company, Inc.
Well Name Paul Humes #1-16
Comp. Date 5-16-78 Old Total Depth 3385

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
9-27-85 9-29-85 9-29-85
Spud Date Date Reached TD Completion Date
3400'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 345 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt

API NO. 15-¹⁶⁷157-21,186-A 000A
County Russell
C NE SW Sec. 6 Twp. 14 Rge. 12 East West

1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

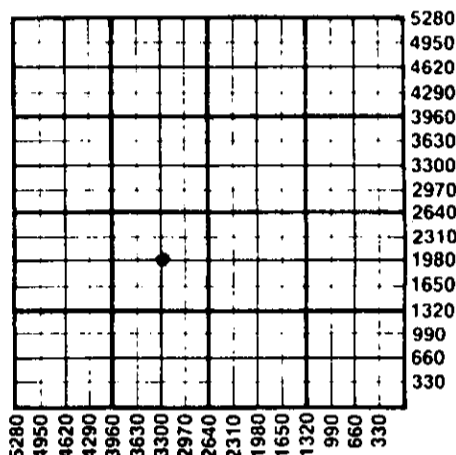
Lease Name Waymaster Well # 1

Field Name.....

Producing Formation temp. abandoned- no well yet

Elevation: Ground 1848' KB 1853'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water 1980 Ft North from Southeast Corner
(Stream, pond etc.) 3300 Ft West from Southeast Corner
Sec 5 Twp 14 Rge 12 East West
 Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Orville Kaufman

Title Partner Date 1-6-85

Subscribed and sworn to before me thisday of.....
19.....

Notary Public Dorothy M. Deque

Date Commission Expires 4-29-86

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)

JAN 1 1985
01-07-86

Sec. 14 Twp. 14 Rge. 12 W

SIDE TWO

Operator Name H K & W Oil Operators, Inc. Lease Name..... Waymaster Well #..... 1

Sec..... 6..... Twp..... 14..... Rge..... 12..... East West County..... Russell

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

Old Well workover - out of hole - drilled to 919' fell back in old hole - washed well down to 3392' drilled from 3392-3400' & set pipe.

Gamma Ray Bond log is all that was taken.

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 1/2"	8-5/8"		345'			
Production	7-7/8"	4 1/2"		3399'	60/40poz	150	18% salt .75% CFR2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
	3359-64'			250 gals. MCA 18%		3030'	
	3053-57'			250 gals Reg. 15% Acid		3354'	
	3029-34						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method		no tubing - well temp. abandon			
				<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....			
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio		Gravity
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled