

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 # 9609
name HDR Production, Inc.
address 1391 Carr. St., Suite 311
City/State/Zip Lakewood, Colorado 80215

Operator Contact Person Neil Botts
Phone 303-232-0224

Contractor: license # 5418
name Allen Drilling Company
Box 1389, Great Bend, KS 67530

Wellsite Geologist David Williams
Phone

PURCHASER

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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10-29-84 11-4-84
Spud Date Date Reached TD Completion Date

3610'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 327 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. 15-009-23,750 000

County Barton

SW SE SW Sec 23 Twp 17 Rge 15 East West

330 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

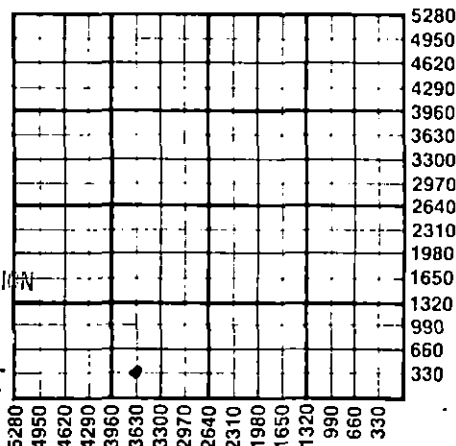
Lease Name Axman Well# 1-23

Field Name

Producing Formation

Elevation: Ground 2005' KB 2012'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
WICHITA, KANSAS
JAN 15 1985
01-15-85

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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 H. Dean Priok
Title President Date 12/7/84
Subscribed and sworn to before me this 7th day of December 84
Notary Public
Date Commission Expires 9-4-85

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)

Sec. 23 Twp. 17 Rge. 15 East

Operator Name HDR Production, Inc. Lease Name Axman Well# 1-23 SEC 23 TWP 17 RGE 15 East West

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
Anhydrite	1028	
Heebner	3227	
Toronto	3242	
Lansing	3292	
Base KC	3506	
Conglomerate	3544	
Arbuckle	3580	

DST #1
 Lansing Formation 3356-3388
 Times 45"-45"-45"-45"
 Pressures: IH; 1827# FH; 1787#
 IF; 50-50# FF; 50-50#
 ISIP; 1006# FSIP; 986#
 Temp; 104 F
 Blow: Weak blow throughout both flow periods.
 Recovery: 40% mud with few oil specks

DST #2
 Kansas City Formation 3422-3479'
 Times: 30"-45"-30"-45"
 Pressures: IH; 1957# FH; 1907#
 IF; 81-91# FF; 91-101#
 ISIP; 836# FSIP; 746#
 Temp: 105 F
 Blow: Weak blow throughout both flow periods.
 Recovery: 32' of slightly oil specked mud

CASING RECORD <input checked="" type="checkbox"/> new <input 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 Casing	12-1/4"	8-5/8"	20#	327'	60/40 Poz	175 sks	2% Gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing method <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			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL