

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 Street, Suite 311  
City/State/Zip Lakewood, Colorado 80215

Operator Contact Person H. Dean Raish  
Phone 303-232-0224

Contractor: license # 5418  
name Allen Drilling Company

Wellsite Geologist Dave 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

8-15-84 8-20-84 8-20-84  
Spud Date Date Reached TD Completion Date

3625'  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 257' 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 - 165-21,243-0000

County Rush

SW NW NE Sec 36 Twp 17S Rge 16 East  
(location) West

4290 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

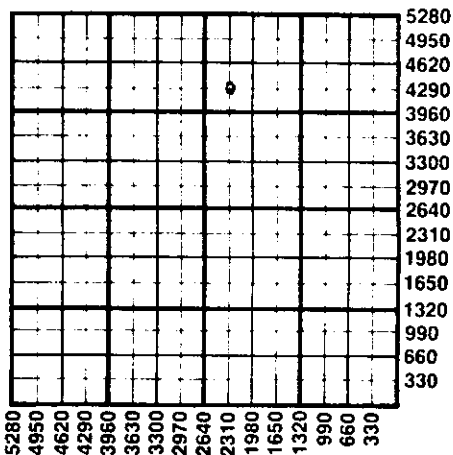
Lease Name Axman Well# 1-36

Field Name

Producing Formation

Elevation: Ground 2015' KB 2020'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) 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: *Neil Elbotts*  
Title: Geologist Date: 9/13/84  
Subscribed and sworn to before me this day of 19  
Notary Public: *Quincy*  
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 36 Twp 17S Rge 16W

Operator Name HDR Production, Inc. Lease Name Axman Well# 1-36 SEC. 36 TWP. 17 RGE. 16  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

DST #1 Lansing 3389-3418  
 45"-60"-45"-60"  
 Weak steady blow slightly declining  
 Recovered: 60' GCM  
 IH 1867# FH 1703# IF 95-83#  
 FF 95-83# ISIP 1,059# FSIP 1,037# Temp 105°

Name	Top	Bottom
Anhydrite	1084'	+934'
Heebner	3264'	-1246'
Toronto	3280'	-1262'
Lansing	3324'	-1306'
Base KC	3540'	-1522'
Conglomerate	3570'	-1552'
Arbuckle	3609'	-1591'

DST #2 Lansing 3474-3497  
 30"-45"-30"-45"  
 Weak declining blow to no blow  
 Recovered 5' M  
 IH 1944# FH 1922# IF 95-83# FF 83-83#  
 ISIP 653# FSIP 675# Temp 108°

<b>CASING RECORD</b> <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	12-1/4"	8-5/8"	20#	257'	60/40 Poz	150 sks	2% Gel, 3% CC
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
<b>TUBING RECORD</b>				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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity		

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  other (specify) \_\_\_\_\_

Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**  
 \_\_\_\_\_  
 \_\_\_\_\_