

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
Address 1391 Carr Street, Suite 311
Lakewood, CO 80215
City/State/Zip

Purchaser

Operator Contact Person Dean Raish
Phone 303-232-0224

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Dave Williams
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 OWM: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5-15-85 5-21-85 5-21-85
Spud Date Date Reached TD Completion Date

3665
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 305 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. 15-165-21-300-0000

County Rush

NE NE NE Sec 36 Twp 17 Rge 16 East West

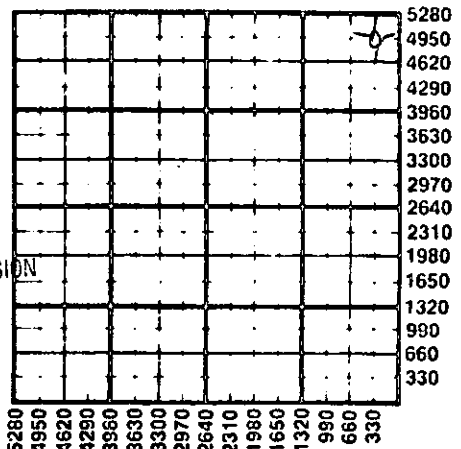
4950 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Axman Well # 2-36

Field Name

Producing Formation

Elevation: Ground 2000 KB 2005
Section Plat



RECEIVED
STATE CORPORATION COMMISSION
6-24-85
JUN 24 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge 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 A. Dean Raish
Title President Date 6/20/85

Subscribed and sworn to before me this 20th day of June 1985
Notary Public Alton G. Henning

Date Commission Expires 6/27/88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 36 Twp 17 Rge 16W

SIDE TWO

Operator Name HDR Production Lease Name Axman Well # 2-36

Sec. 36 Twp. 17 Rge. 16 East West County Rush

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

Depth: 3443'-3511'

Times: 30"-30"-30"-30"

Blow: Weak blow died 22 min. of first open.
 No blow 2nd open.

Recovery: 2' drilling mud.

Pressures: IH; 2025#: FH; 2004#: IF; 63-63#: FF; 63-63#: ISIP; 74#: FSIP; 63#

| Name | Top | Bot/Qty |
|------------|-------|---------|
| Anhydrite | 1070' | (+936) |
| Heebner | 3249' | (-1243) |
| Toronto | 3264' | (-1258) |
| Lansing | 3309' | (-1303) |
| Bs KS City | 3584' | (-1578) |
| Arbuckle | 3614' | (-1608) |
| TD | 3668' | (-1662) |

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 | #Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|-------------|----------------------------|
| Surface | 12 1/4 | 8 5/8 | 20# | 305 | 60/40 poz | 160 | 2% Gel 3% CC |

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|--|-------|
| | | | |

TUBING RECORD Size Set At Packer at Liner Run Yes No

Date of First Production Producing Method
 Flowing Pumping Gas Lift Other (explain.....)

| Estimated Production Per 24 Hours | Oil Bbls | Gas MCF | Water Bbls | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------|---------|------------|---------------|---------|
| | | | | | |

METHOD OF COMPLETION

Disposition of gas: Vented Oper Hole Perforation
 Sold Other (Specify)
 used on lease Dually Completed
 Commingled