

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 # 5952  
name Amoco Production Company  
address P.O. Box 432  
City/State/Zip Liberal, KS 67901

Operator Contact Person Larry L. Smith  
Phone (316) 624-6241

Contractor: license # 6497  
name Midwest Casing Pullers

Wellsite Geologist  
Phone N/A

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas P&A'ed  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  
4-28-77 8-2-77  
Spud Date Date Reached TD Completion Date  
2990 2250 P&A'ed  
Total Depth PBTD 6-9-87  
Amount of Surface Pipe Set and Cemented at 640 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. 15-187-20228-0000

County Stanton  
NE SW Sec 5 Twp 29S Rge 40 West

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

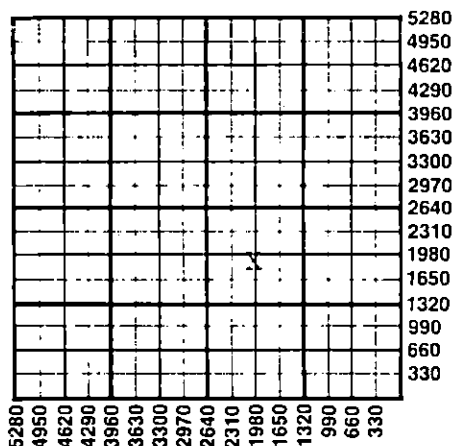
Lease Name G. Arnold Well# 1

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 3296 KB 3303

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 b to 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.

RECEIVED  
STATE CORPORATION COMMISSION 6-19-87  
JUN 19 1987

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 Larry L. Smith  
Title Admn. Supvr. Date 6-17-87

Subscribed and sworn to before me this 17th day of June 19 87

Notary Public Sharon A. Cook S. A. Cook

Date Commission Expires 7-12-88  
Appointment

CONSERVATION DIVISION  
Wichita, Kansas

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received

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

SHARON A. COOK  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 7-12-88

Form ACO-1  
(This form supercedes  
previous forms  
ACO-1 & C-10)

Sec. 5 Twp. 29S Rge. 40 West

Operator Name ... Amoco Production Co. ... Lease Name G. Arnold. Well# 1. SEC 5. TWP. 29S. RGE. 40.  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 |
|--------------------------------|------|--------|
| Sand, Shale, Gypsum, & Red Bed | 0    | 640    |
| Red Bed, Sand, Gypsum, & Lime  | 640  | 1681   |
| Sand, Lime                     | 1681 | 2430   |
| Lime, Shale                    | 2430 | 2600   |
| Lime, Shale, Anhydrite         | 2600 | 2672   |
| Lime, Shale                    | 2672 | 2893   |
| Lime                           | 2893 | 2990   |
| TD                             | 2990 |        |

Chase formation 2223'

| CASING RECORD <input 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                     | 24#            | 604           | Class H        | 400          | Dowell                     |
| Production  | 7-7/8             | 5-1/2                     | 14#            | 2990          | Special        | 600          | Dowell                     |

| PERFORATION RECORD |   | Acid, Fracture, Shot, Cement Squeeze Record |       |
|--------------------|---|---|-------|
| shots per foot     | specify footage of each interval perforated | (amount and kind of material used)          | Depth |
|                    | P&A   |   |       |

| TUBING RECORD |        |           | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
|---------------|--------|-----------|--|--|
| size          | set at | packer at |  |  |
|               |        |           |  |  |

| Date of First Production          | Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) |         |       |                    |
|-----------------------------------|---|---------|-------|--------------------|
|                                   | Oil   | Gas     | Water | Gravity            |
| Estimated Production Per 24 Hours | Bbls  | P&A MCF | Bbls  | Gas-Oil Ratio CFPB |

**METHOD OF COMPLETION**  
 Disposition of gas:  vented  sold  used on lease  
 open hole  perforation  other (specify)

**PRODUCTION INTERVAL**

P&A

Dually Completed.  
 Commingled