

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 # 9911  
name Har-Ken Oil Company  
address 7333 E. 22nd St., #6  
City/State/Zip Wichita, KS 67226

Operator Contact Person Donald M. Brown  
Phone 316-684-1146

Contractor: license # 5829  
name Aldebaran Drlg. Co.

Wellsite Geologist Stephen M. Kreidler  
Phone 316-265-5370

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  
3/17/85 3/24/85  
Spud Date Date Reached TD Completion Date

4670  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 518 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 - 083-21190-0000

County Hodgeman

C NE SE Sec 19 Twp 21 Rge 23 West

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

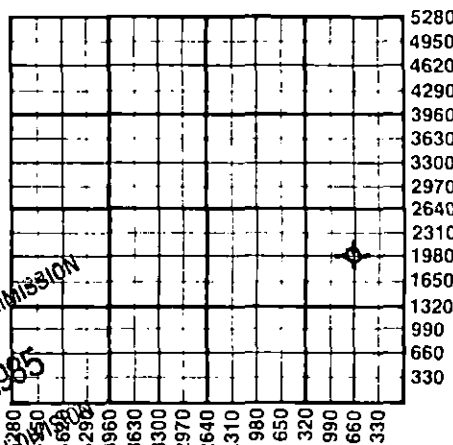
Lease Name Gumbir Well# 2

Field Name Gumbir

Producing Formation None

Elevation: Ground 2379 KB 2387

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 Donald M. Brown

Title Local Representative Date 6/11/85

Subscribed and sworn to before me this 11th day of June 19 85

Notary Public Anna Marie Elden  
Date Commission Expires August 29, 1987

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. 19 Twp. 21 Rge. 23 West

Operator Name Har-Ken Oil Company Lease Name Gumbir Well# 2 SEC. 19 TWP. 21 RGE. 23  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 |
|--------------------|-----------|--------|
| Cedar Hills        | 1097+1290 |        |
| Anhydrite          | 1623+ 764 |        |
| Base Anhydrite     | 1653+ 734 |        |
| Heebner            | 3904-1517 |        |
| Toronto            | 3919-1532 |        |
| Lansing            | 3956-1569 |        |
| Base Kansas City   | 4342-1955 |        |
| Marmaton           | 4357-1970 |        |
| Pawnee             | 4437-2050 |        |
| Fort Scott         | 4504-2117 |        |
| Cherokee           | 4528-2141 |        |
| Cong. Shale        | 4579-2192 |        |
| Cong. sandstone    | 4590-2203 |        |
| Mississippian lime | 4627-2240 |        |
| " dolomite         | 4644-2257 |        |
| RTD                | 4670-2282 |        |
| LTD                | 4667-2280 |        |

**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                     | 23#            | 518           | Common         | 325          | 3% CaCl <sub>2</sub> , 2% ge |

**PERFORATION RECORD**

shots per foot specify footage of each interval perforated

**Acid, Fracture, Shot, Cement Squeeze Record**

(amount and kind of material used) Depth

| shots per foot | specify footage of each interval perforated | (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 CFPB | Gravity |
|-----------------------------------|----------|---------|------------|--------------------|---------|
| ➔                                 | Dry Hole |         |            |                    |         |

**METHOD OF COMPLETION**

Disposition of gas:  vented  sold  used on lease  
 open hole  perforation  other (specify) \_\_\_\_\_  
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

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